Use of Adjectives in Abstracts when Reporting Results of Randomized, Controlled Trials from Industry and Academia

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Abstract

Objective Accurate representation of study findings is crucial to preserve public trust. The language used to describe results could affect perceptions of the efficacy or safety of interventions. We sought to compare the adjectives used in clinical trial reports of industry-authored and non-industry-authored research.

Methods We included studies in PubMed that were randomized trials and had an abstract. Studies were classified as “non-industry-authored” when all authors had academic or governmental affiliations, or as “industry-authored” when any of the authors had industry affiliations. Abstracts were analyzed using a part-of-speech tagger to identify adjectives. To reduce the risk of false positives, the analysis was restricted to adjectives considered relevant to “coloring” (influencing interpretation) of trial results. Differences between groups were determined using exact tests, stratifying by journal.

Results A total of 306,007 publications met the inclusion criteria. We were able to classify 16,789 abstracts; 9,085 were industry-authored research, and 7,704 were non-industry-authored research. We found a differential use of adjectives between industry-authored and non-industry-authored reports. Adjectives such as “well tolerated” and “meaningful” were more commonly used in the title or conclusion of the abstract by industry authors, while adjectives such as “feasible” were more commonly used by non-industry authors.

Conclusions There are differences in the adjectives used when study findings are described in industry-authored reports compared with non-industry-authored reports. Authors should avoid overusing adjectives that could be inaccurate or result in misperceptions. Editors and peer reviewers should be attentive to the use of adjectives and assess whether the usage is context appropriate.

Key Points

The language used to describe results could affect perceptions of the efficacy or safety of interventions.

There are differences in the adjectives used when study findings are described in industry-authored reports compared with non-industry-authored reports.

Authors should avoid overusing adjectives that could be inaccurate or result in misperceptions.

Editors and peer reviewers should be attentive to the use of adjectives and assess whether the usage is context appropriate.

1 Background

Accurate understanding of the efficacy and safety of health interventions is crucial for public health. Major impediments to such understanding include selective reporting of trial results and inadequate reporting of trial results.
Publication of only studies that show benefit, known as publication bias, leads to overestimation of the efficacy of interventions. Inadequate reporting of trial results limits the ability of the reader to assess the validity of trial findings [1, 2]. The CONSORT initiative [3] has led to improvements in the quality of reporting of trial results [4, 5]. In addition, mandatory registration of clinical trials and mandatory publication of trial results are strategies implemented to diminish the impact of publication bias [6].

How trial results are described in publications may influence the reader’s perception of the efficacy and safety of interventions. For example, an intervention can be portrayed as beneficial in the publication despite having failed to differentiate statistically from placebo. In this type of bias, called spin bias, the reader is distracted from the non-significant results [7]. The language used to describe trial results could also affect perceptions of the efficacy or safety of health interventions as well as the quality of the study. We studied the vocabulary used to report trial results and compared it between two authorship groups (industry versus non-industry).

2 Objective

The objective of this study was to compare the adjectives used to report results of clinical trials between industry and non-industry (academia and government). We focused on adjectives because their use adds “color” (potentially biasing interpretation) to the description of study findings.

3 Methods

3.1 Inclusion Criteria

We included studies indexed in PubMed that were randomized, controlled trials; assessed humans; had an abstract; and were published in English. The search was conducted on October 7, 2013, without any time limit (all articles present in PubMed until that time). The PubMed query used to identify the studies was “English[lang] AND Randomized Controlled Trial[ptyp] AND humans[MeSH Terms] AND has abstract[text]”.

3.2 Classification of Abstracts

Studies were classified as industry-authored or non-industry-authored (academia and government), depending on the affiliation of the authors, using an automated algorithm. To determine the affiliation of an author, the affiliation field in PubMed was used to scan for word patterns indicating an industry (e.g., “janssen”, “johnson & johnson”), academic affiliation (e.g., “university”, “school”) or government (e.g., “centers for disease control”, “u\.?s\.? agency”). Because the PubMed affiliation field contains the affiliation of only one of the authors and therefore could not be used as conclusive evidence in papers written by multiple authors, we supplemented the search for the authors’ affiliation, using PubMed Central®. PubMed Central is a free full-text archive of biomedical journals and therefore lists the affiliations of each one of the authors of a manuscript. Appendix 1 contains the complete list of patterns used for the abstract classification.

For the abstracts not included in PubMed Central, we developed an algorithm to predict the affiliation of the authors. We assumed that if an author had a particular affiliation in one manuscript, that author would also have that affiliation in any other manuscript written by that author in the same year. Because there are no unique identifiers for authors in PubMed, we used an author name disambiguation algorithm similar to Authority [8], which models the probability that two articles sharing the same author name were written by the same individual. The probability was estimated using a random forest [9] classifier using these features as input: length of author name, author name frequency in Medline, similarity in MeSH terms, words in the title or words in the abstract, whether the paper was in the same journal, overlap of other authors, and time between publication in years. The classifier was trained on a set where positive cases were identified using author e-mail addresses (only available for very few authors), and negative controls cases were identified based on mismatch in author first name. The probability was subsequently used in a greedy cluster algorithm to group all papers by an author.

An abstract was classified as non-industry-authored when all authors of the publication had academic or government affiliations. An abstract was classified as industry-authored when any of the authors in the publication had an industry affiliation. Publications in which the algorithm found none of the patterns to classify an author, or found an author with affiliations to both industry and academia or government, were excluded from the analysis.

To assess the accuracy of the algorithm that predicted author affiliation, we selected a random sample of 250 abstracts and manually checked the affiliation of each one of the authors in the full manuscript and compared these results with the algorithm’s classification.

3.3 Adjective Selection

To compare the use of language between industry and non-industry authors, we downloaded the Medline database. The abstracts that met the inclusion criteria were run through the part-of-speech tagger of OpenNLP [10], which allowed us to classify the adjectives. OpenNLP uses the Penn Treebank
tagset, and we considered all tokens with tags JJ (adjective), JJR (adjective, comparative) and JJS (adjective, superlative) [11]. OpenNLP is an open-source machine learning-based toolkit for the processing of natural language text, made available by the Apache Foundation. It has an overall accuracy of around 97% [12]. We focused on abstracts because more people read the abstract than the whole article, and because only abstracts are available in Medline.

After extracting all adjectives from the abstracts, we selected a set of adjectives we considered relevant to coloring the results of a trial. This selection was performed independently by two authors (MSC and MS), after which discrepancies were resolved in conference. All subsequent analyses were limited to this set to reduce the risk of false positives. Examples of excluded adjectives are “viscous” and “intellectual”. The list of adjectives included and excluded is shown in Appendix 2.

3.4 Location in the Abstract

To locate where in the abstract the differences in adjective use occurred, we looked separately at the title and conclusion. The title is clearly identified in PubMed records. For unstructured abstracts, the conclusion was considered to be in the last two sentences of the abstract. Sentences were detected using the OpenNLP toolkit [10].

3.5 Analysis

To determine whether an adjective was used more often by industry or non-industry authors, we used an exact test for contingency tables [13], stratifying by journal to adjust for any differences in language in the different journals. This test is similar to the well-known Mantel–Haenszel test in that it tests for an overall difference between groups through differences within strata, but it uses an exact method, making it more robust for small numbers within each stratum. We further restricted the adjectives to those that were present in at least 100 papers in our final data set. Because of the large number of tests, we corrected for multiple testing, using Holm’s technique [14].

We also calculated a relative estimate. Values >1 mean that industry uses that adjective more. Values <1 mean that the adjective is used more often by academia and government. A value of exactly 1.0 would indicate equal use by both groups of authors. We report 95% confidence intervals (CIs), but these intervals are not adjusted for multiple testing.

We further computed the average number of “colored” adjectives used in the title and abstract, where any adjective that was used multiple times in an abstract was counted multiple times. For this analysis, we used all adjectives we considered relevant, including those that appeared in fewer than 100 articles.

3.6 Source of Funding

Using authors’ affiliation is one way to classify studies as either industry or non-industry. Funding of the study is another way. PubMed identifies financial support of the research, but it would only allow for a US-government and non-US-government funding classification. Sources of financial support are often listed in the full manuscript. For the subset of abstracts that had the full-text articles in PubMed Central, we identified the source of funding and then compared that classification with our affiliation-based classification to provide an estimate of the degree of potential discordance. For example, a trial conducted by an academic institute may be authored by academicians only but funded by a pharmaceutical company. Under the affiliation classification, the research would be considered non-industry, while under the sponsorship classification, it would be considered as industry. Because the information was only available for a limited number of abstracts, we could not conduct sensitivity analyses, but we are reporting the findings.

4 Results

A total of 306,007 publications met the inclusion criteria. We were able to classify 16,789 abstracts; 9,085 were classified as industry, and 7,704 were classified as non-industry. The algorithm correctly identified 235 of the 250 manuscripts sampled for accuracy (15 were incorrectly assessed as non-industry-authored), indicating that the accuracy of the classifying algorithm was 94% with a Kappa value of 0.88 (Table 1).

The abstracts were published from 1981 to 2013, and 92.5% were published in 2000 or after. The abstracts were published in 1,788 journals, and 50% were published in 98 journals. Appendix 3 provides the list of journals, with the number of abstracts by journal.

The 16,789 abstracts had a total of 4,690 adjectives: 298 for industry and 1,732 for non-industry (Table 3). Ten adjectives located in the title or conclusion, and 15 adjectives located anywhere in the abstract, had relative use values >1, indicating preferential use by industry. Most notably, adjectives such as “well tolerated” and “meaningful” were more commonly used by industry-authored reports in the title or conclusion of the abstracts [relative use 5.20 (CI 2.73-10.03) and 3.08 (CI 1.73-5.44), respectively], whereas adjectives such as “feasible” were more commonly used in abstracts

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classified as non-industry-authored [relative use 0.34 (CI 0.18–0.6)]. Adjectives such as “successful” and “usual” were also more commonly used by non-industry, when considering the abstract overall [relative use 0.46 (CI 0.31–0.68) and 0.40 (CI 0.30–0.53), respectively] (Table 3).
Table 3 Adjectives favored by industry or non-industry (academia and government) by location in the abstract

| Adjective  | Relative use (95% confidence interval) |
|------------|---------------------------------------|
|            | Title or conclusion | Entire abstract including title |
| Well tolerated | 5.20 (2.73–10.03) | 4.96 (2.99–8.22) |
| Meaningful  | 3.08 (1.73–5.44)   | 3.42 (2.24–5.21) |
| Efficacious | 2.78 (1.81–4.24)   | 1.96 (1.40–2.74) |
| Consistent  | 2.49 (1.74–3.53)   | 2.21 (1.72–2.83) |
| Mild        | 2.40 (1.60–3.57)   | 2.91 (2.28–3.70) |
| Good        | 2.37 (1.56–3.56)   |                     |
| Severe      | 2.06 (1.51–2.79)   | 1.82 (1.49–2.21)   |
| Comparable  | 1.98 (1.41–2.76)   | 1.92 (1.55–2.36)   |
| Similar     | 1.98 (1.60–2.45)   | 1.89 (1.67–2.13)   |
| Significant | 1.52 (1.28–1.79)   |                     |

Feasible | **0.34 (0.18–0.60)** | **0.40 (0.23–0.66)** |
Serious   | 3.29 (2.53–4.26)   |                     |
Inadequate| 2.84 (1.66–4.79)   |                     |
Potent    | 2.26 (1.48–3.445)  |                     |
Acceptable| 1.96 (1.35–2.80)   |                     |
Relevant  | 1.67 (1.27–2.16)   |                     |
Moderate  | 1.62 (1.33–1.97)   |                     |
Safe      | 1.58 (1.25–1.98)   |                     |
Successful| **0.46 (0.31–0.68)** |                     |
Usual     | **0.40 (0.30–0.53)** |                     |

The numbers represent a relative estimate: >1 means favored by industry; <1 means favored by non-industry. The adjectives shown in bold text are more commonly used by non-industry authors.

All of the adjectives in this table are statistically significant between industry and non-industry after adjustment for multiple testing.

Confidence intervals are not adjusted for multiple testing.

Results are stratified by journal to adjust for differences in language in the different journals.

Examples of the contexts in which the adjectives were used in the title or conclusion of the abstract are presented in Table 4.

On average, there were 2.6 “colored” adjectives in each abstract, and this number was the same for both industry-authored and non-industry-authored research.

4.1 Source of Funding

When we estimated the degree of potential discordance between abstracts classified by author affiliation or by source of funding, we found that of the 16,789 abstracts that we could classify as industry-authored or non-industry-authored research, only 189 (1.1%) had the full text available in PubMed Central and disclosed either partial or total funding by industry; 16% of these studies were classified as being from non-industry when looking at authors’ affiliations.

5 Discussion

There are differences in the adjectives used when study findings are described in industry-authored compared with non-industry-authored reports. Certain adjectives are five times more commonly used by industry, although, on average, both groups of authors use the same number of “colored” adjectives.

The differences in the adjectives used that were noted in the present study support anecdotal evidence about the way results of clinical trials are reported by industry. The Medical Publishing Insights and Practices (MPIP) initiative in 2012 recommended avoiding broad statements such as “generally safe and well tolerated” [15] when reporting trial results—precisely the type of adjectives we found were more commonly used by industry. The MPIP initiative was founded by members of the pharmaceutical industry and the International Society for Medical Publication Professionals to elevate trust, transparency, and integrity in publishing industry-sponsored studies. Describing an intervention as “well tolerated”, which is the adjective with the largest use in industry-authored manuscripts compared with academic or government-authored manuscripts—although accurate in certain circumstances, considering the nature of the trials conducted by industry—might not be generalizable to the broader population when the trial is small, when relatively “healthy” or “stable” participants are recruited (compared with the broader population with the target indication), or when the follow-up is short.
The use of those adjectives (such as “acceptable”, “meaningful”, “potent”, or “safe”) more commonly present in industry-authored reports than in non-industry-authored reports could suggest that industry-authored reports tend to focus on the positive aspects of the health intervention being evaluated. However, the differences in adjective use could also reflect variations in the types of trials conducted by industry and academic or governmental institutions. Industry studies tend to focus on drugs or devices, while non-industry work is likely to be more inclusive of other types of health interventions. By controlling for journal, we adjusted partially for potential differences in the studies.

We used the affiliation of the authors to classify publications as industry-authored and non-industry-authored. Even if one author out of many was from industry, the paper was classified as industry-authored. Although this approach could seem extreme, it has also been recommended by others [16]. It might seem preferable to look at the source of funding instead of the author affiliation; however, this approach too has its shortcomings. Funding mechanisms are complex, some journals do not report funding sources, full reporting of all sources of financial support is not complete, and there are different levels of support, from unrestricted educational grants to support that includes input of the manufacturers into trial designs, conduct of the analysis and publication [16, 17]. We assessed how many of the abstracts in which the full manuscript reported support from industry were classified as being non-industry in origin. We found that 16% of those papers with industry support were classified as being from non-industry. It is difficult to predict the direction of bias related to any potential misclassification because of the shortcomings listed above, but in the worst-case scenario, it would lead to an underestimation of the relative measure and consequently to a smaller set of adjectives because of loss of power.

The results of this study are based on assessing the abstract instead of the full paper. Many readers just read the abstract of the published article and may be influenced by it, so we argue that it is an important place to look for differences in reporting style. The results of a study that assessed the impact of “spin” on interpretation of cancer trials showed that clinicians’ interpretation was affected by reading the abstracts of the trials [18]. In addition, the study focused on randomized, controlled trials, thus the findings may not apply to other types of study designs.

The present study was limited to counting adjectives and assessing the difference in those counts in industry-authored and non-industry-authored reports. Although we have provided some examples to illustrate how they were used, the study ignored the context of the usage. A thematic analysis could allow detection of patterns, and a critical review of the full text of the paper could determine whether the use of the adjectives was indeed appropriate in view of the data or what it is known in the field.

6 Conclusion

We assessed a very large number of abstracts and found differences in how study findings are described by industry-affiliated authors as compared with non-industry-affiliated authors. The language used to describe trial results could affect perceptions of the efficacy or safety of health interventions. Authors should avoid overusing adjectives that could be inaccurate or potentially lead to misperceptions. Editors and peer reviewers should be attentive to the use of adjectives in the abstract (and the manuscript in its entirety) and assess whether their use is appropriate.

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Author Contributions MSC: study conception and design, interpretation of study findings, manuscript preparation.
JAB: interpretation of study findings, revising manuscript critically for important intellectual content.
SCG: interpretation of study findings, revising manuscript critically for important intellectual content.
MWB: interpretation of study findings, revising manuscript critically for important intellectual content.
MS: study design and execution, analysis, interpretation of study findings, manuscript preparation.

All authors read and approved the final manuscript.

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Appendix 1: Industry and academic/governmental affiliation patterns

| Industry patterns | Industry patterns | Academic/ government patterns | Academic/ government patterns |
|-------------------|-------------------|-------------------------------|-------------------------------|
| Abbott            | Merz              | Clinic                        | School                       |
| Amgen             | Mundipharma       | Clinique                      | Sjukhuset                    |
| AstraZeneca       | Nitec             | College                       | Universidad                  |
| Aventis           | Nordis            | Ecole                         | Universidade                 |
| Bayer             | Novartis          | Foundation                    | Universitaires               |
| Boehringer        | Pfizer            | Gasthuis                      | Universitária                |
| Centocor          | Pharmaceuticals   | Hôpital                       | Universitat                  |
| Genentech         | Procter           | Hospital                      | Université                   |
| Glaxo             | Sanofi            | Hospitalario                  | Université                   |
| Industry patterns | Glaxosmithkline | Shionogi squibb | Takeda | Humax | Ucb | Karolinska | Zymogenetics | Kaken | Polyclinique |
|-------------------|----------------|----------------|-------|-------|-----|----------|----------|-------|------------|
| Academic/government patterns | Hospitales | Universiteit | Hospitalier | University | Ziekenhuis | Centers for disease control | Kliniek | National health department | Policlinico |
| Academic/government patterns | Gsk | Takeda | Hospitalier | University | Ziekenhuis | Centers for disease control | Kliniek | National health department | Policlinico |

Patterns with symbols represent standard regular expressions (a pattern used to search for text)

**Appendix 2: All adjectives present in the analyzed abstracts**

| 1000-mg | 10-year |
| 100-mg | 10-day |
| 100-mm | 10-fold |
| 100-point | 10-point |
| 10-cm | 10-week |
| 10-day | 12-0-mg |
| 10-fold | 12-day |
| 10-h | 12-h |
| 10-item | 12-hour |
| 10-mg | 12-item |
| 10-lead | 12-item |
| 10-min | 12-mg |
| 10-minute | 12-month |
| 10-month | 12-months |
| 10-point | 12-week |
| 10th | 12-wk |
| 10-valent | 13-week |
| 10-week | 14-day |
| 14-week | 25-hydroxyvitamin |
| 150-mg | 25-item |
| 15-day | 25-mg |
| 15-item | 25th |
| 15-min | 26-week |
| 15-minute | 28-day |
| 15-month | 28-item |
| 15th | 28-joint |
| 15-year | 28-week |
| 16-week | 2-arm |
| 17-beta -estradiol | 2-compartment |
| 17-item | 2d |
| 18-month | 2-day |
| 18-week | 2-dose |
| 1b | 2-fold |
| 1c | 2-g |
| 1-compartment | 2-h |
| 1-day | 2-hour |
| 1-g | 2-hr |
| 1-h | 2-max |
| 1-hour | 2-mg |
| 1-infected | 2-minute |
| 1mg | 2-month |
| 1-month | 2-part |
| 1-point | 2-period |
| 1-arm | 2-phase |
| 1-point | 2-point |
| 1-sequence | 2-stage |
| 1-sided | 2-sided |
| 1st | 2-stage |
| 1-week | 2-way |
| 1-year | 2-week |
| 1-yr | 2-wk |
| 200mg | 2-year |
| 200-mg | 2-yr |
| 20-item | 300-mg |
| 20mg | 30-day |
| 20-mg | 30-fold |
| 20-min | 30-item |
| 20-minute | 30-mg |
| 20-month | 30-min |
| 20-week | 30-minute |
| 21-day | 30-month |
| 21-item | 30-months |
| 23f | 30-second |
| 23-valent | 30-week |
| 24h | 32-week |
| 24-hour | 35-day |
| 24-hr | 36-item |
| 24-month | 36-week |
| 24-months | 3-arm |
| 24-week | 3-d |
| 250-mg | 3-day |
| Term                      | Article   | Description         | Acidic | Acid-Related | Acid-Suppressive | Acne | Acoustic | Acromegaly | Acting | Actinic | Activate | Activated | Active | Active-Comparator-Controlled | Active-Control | Active-Controlled | Activity-Related | Actual | Acute | Acutely | Acute-Phase | Adalimumab | Adalimumab-Treated | Adaptive | Adas-Cog | Added | Additional | Additive | Add-On | Adenosine | Adequate | Adherent | Adhesive | Adipose | Adjacent | Abjudicated | Adjunct | Adjunctive | Adjustable | Adaptable | Adrenal | Adrenergic | Adult | Advanced | Advantageous | Adverse | Advisable |
|--------------------------|-----------|---------------------|--------|--------------|------------------|------|----------|------------|--------|---------|----------|-----------|--------|--------------------------------|----------------|------------------|-----------------|--------|-------|--------|-----------|-----------|-------------------|----------|--------|-------|-----------|---------|-------|-----------|--------|---------|-------|-----------|--------|-------|-----------|--------|---------|-------|---------|--------|--------|---------|--------|---------|--------|---------|--------|--------|
| Adjective | Synonym |
|-----------|---------|
| aerobic | ambulatory |
| aerosol | ameliorate |
| aerosolized | amenable |
| aesthetic | american |
| afebrile | ang |
| affected | amino |
| affective | amino-terminal |
| affordable | aminotransferase |
| aforementioned | amiodarone |
| african | amiodipine |
| african-american | amodiaquine |
| age-adjusted | amplitude |
| age-appropriate | amprenavir |
| aged | amyloid |
| age-dependent | anabolic |
| age-matched | anaemic |
| age-related | anaerobic |
| age-specific | anaesthetic |
| aggregate | analgesic |
| aggressive | analogous |
| aging | analysed |
| agitated | analytic |
| agonist | analytical |
| ai | anamnestic |
| a-i | anastomotic |
| air | anastrozole |
| airborne | anatomic |
| al | anatomical |
| alanine | anchor-based |
| alcohol-dependent | ancillary |
| alcoholic | anecdotal |
| alcohol-related | anemic |
| aldosterone | anesthetic |
| alendronate | anesthetized |
| alert | aneurysmal |
| alive | anginal |
| all-cause | angiogenic |
| allele | angiographic |
| allelic | angioplasty |
| allergen-specific | angiotensin-converting |
| allergic | angry |
| allometric | angular |
| allosteric | animal |
| all-patients-treated | ankle-brachial |
| alone | ankylosing |
| alpha-linolenic | annual |
| altered | annular |
| alternate | antacid |
| alternative | antagonistic |
| alveolar | antecedent |
| ambient | antenatal |
|ambiguous | anterior |
| antioxidant | anticomplementary |
| antiparkinsonian | anticoagulant |
| anti-platelet | anticonvulsive |
| antiplatelet | anticonvulsive |
| anti-prp | antianginal |
| antiprerenal | antiangiogenic |
| antipresorptive | antithrombin |
| antiretroviral | anti-inflammatory |
| antiretroviral-experienced | anti-inflammatory |
| antiretroviral-naive | anti-inflammatory |
| antiretroviral-naive | antilipaemic |
| antithrombotic | anti-inflammatory |
| anti-tfn | anti-inflammatory |
| anti-tnf | anti-inflammatory |
| anti-tnf-alpha | anti-inflammatory |
| antitumor | anti-inflammatory |
| anti-tumor | anti-inflammatory |
| anti-tumour | anti-inflammatory |
| anti-vegf | anti-inflammatory |
| antiviral | anti-inflammatory |
| anti-xa | anti-inflammatory |
| antral | anti-inflammatory |
| anxiolytic | anti-inflammatory |
| anxious | anti-inflammatory |
| aortic | anti-inflammatory |
| aphthous | anti-inflammatory |
| apical | anti-inflammatory |
| apo-a-i | anti-inflammatory |
| apolipoprotein | anti-inflammatory |
| apoptotic | anti-inflammatory |
| apparent | anti-inflammatory |
| applicable | anti-inflammatory |
| appreciable | anti-inflammatory |
| appropriate | anti-inflammatory |
| approved | anti-inflammatory |
| approximate | anti-inflammatory |
| aperpitant | anti-inflammatory |
| aqueous | anti-inflammatory |
| arachidonic | anti-inflammatory |
| arbitrary | anti-inflammatory |
| ar-c124910xx | anti-inflammatory |
| arginine-stimulated | anti-inflammatory |

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| Adjective | Adjective | Adjective | Adjective | Adjective | Adjective |
|-----------|-----------|-----------|-----------|-----------|-----------|
| diet-treated | distinctive | dry | eight-week |
| different | distressing | dsm-iii-r | eighty |
| differential | distribution-based | dsm-iv | elastic |
| differentiate | disturbed | dsm-iv-defined | elderly |
| differentiated | diuretic | dsm-iv-tr | e-learning |
| differing | diurnal | dsm-iv-tr-defined | elective |
| difficile | divergent | dual | electric |
| difficult | diverse | dual-chair | electrical |
| difficult-to-treat | dqi | dual-energy | electrocardiographic |
| diffuse | docetaxel | dual-therapy | electrochemical |
| digestive | docosahexaenoic | ductal | electroconvulsive |
| digit | doctor-patient | due | electroencephalographic |
| digital | domestic | duloxetine | electrolyte |
| digoxin | dominant | duloxetine-treated | electromagnetic |
| dihydroartemisinin-piperaquine | donepezil | duodenal | electrolymyographic |
| dilated | dopamine | durable | electronic |
| diminished | dopaminergic | dutasteride | electrophysiological |
| diphtheria-tetanus-acellular | dorsal | dutch | elemental |
| dipropionate | dorsolateral | dyadic | elementary |
| direct | dorzolamide | dye | elatriptan |
| direct-acting | dorzolamide-timolol | dynamic | elevated |
| directional | dose-adjusted | dysfunctional | elicited |
| dirithromycin-treated | dose-dependent | dyslipidemic | eligible |
| disabled | dose-effect | dyspeptic | elispot |
| disabling | dose-escalating | dysphoric | elusive |
| disadvantaged | dose-finding | e2 | e-mail |
| disappointing | dose-independent | earlier | embedded |
| discernible | dose-limiting | earliest | embolic |
| discontinued | dose-linear | early | emergent |
| discordant | dose-normalized | early-onset | emetic |
| discrete | dose-proportional | early-phase | emetogenic |
| discriminant | dose-ranging | early-stage | emotional |
| discriminative | dose-related | easier | empiric |
| discriminatory | dosing | east | empirical |
| diseased | double | eastern | empty |
| disease-free | double-blind | easy | emptying |
| disease-modifying | double-blinded | eccentric | enalapril |
| disease-related | double-dummy | ecchocardiographic | enantioselective |
| disease-specific | double-masked | ecological | encapsulated |
| disordered | doubtful | economic | encouraging |
| disparate | down-regulated | economical | end-diastolic |
| dispersible | downward | ed | endemic |
| dispositional | doxorubicin | educational | end-expiratory |
| disproportionate | dpp-4 | eeg | endocrine |
| disruptive | dramatic | efalizumab | end-of-study |
| dissatisfied | drop-out | effective | endogenous |
| disseminated | drug-eluting | effect-site | endometrial |
| dissociable | drug-free | effervescent | endoscopic |
| distal | drug-induced | efficacious | endothelial |
| distant | drug-naïve | efficient | endothelium-dependent |
| distilled | drug-related | egfr | endotracheal |
| distinct | drug-resistant | eicosapentaenoic | endovascular |
|             |             | eighth | endpoint |
end-point  esomeprazole  exercise-based  fastest
end-stage  esophageal  exercise-induced  fasting
end-systolic  essential  exercise-related  fast-track
end-tidal  established  exert  fat
energy-restricted  estimable  exertional  fatal
english  estimated  exhaled  fat-free
english-speaking  etanercept  exhibited  fat-rich
enhanced  etelixilate  existing  fatty
enjoyable  ethical  exogenous  favourable
enlarged  ethinyl  expanded  favourable
enormous  ethnic  expected  fda-approved
enough  etoposide  expensive  fearful
enriched  etoricoxib  experienced  feasible
enrolled  euglycemic  experimental  febrile
enteral  euglycemic  expert  febuxostat
teric  euglycemic-
enterohepatic  hyperinsulinemic  fellow
entire  european  explicit  female
environmental  euroqol  explorative  feminine
enzymatic  euroqol-5d  exploratory  femoral
enzyme  evaluable  exponential  fenofibrate
enzyme-linked  evaluated  exposed  fenofibric
enteric  evaluative  expressive  fentanyl
enteric-coated  enteric-coated  extended  fermented
enterohepatic  enterohepatic  euglycemic-
explanatory  euglycemic-
hyperinsulinemic  explicit
entire  entire  explorative  euglycemic-
environmental  entire  exploratory  euglycemic-
enzymatic  entire  exponential  euglycemic-
enzyme  entire  exposed  euglycemic-
enzyme-linked  entire  expressive  euglycemic-
corte  entire  extended  euglycemic-
eosinophil  entire  euglycemic  euglycemic-
eosinophilic  entire  euglycemic  euglycemic-
epicardial  entire  euglycemic  euglycemic-
epidemic  entire  euglycemic  euglycemic-
epidemiological  entire  euglycemic  euglycemic-
epidermal  entire  euglycemic  euglycemic-
epidural  entire  euglycemic  euglycemic-
epigastic  entire  euglycemic  euglycemic-
episodic  entire  euglycemic  euglycemic-
epithelial  entire  euglycemic  euglycemic-
eq-5d  entire  euglycemic  euglycemic-
equal  entire  euglycemic  euglycemic-
equianalgesic  entire  euglycemic  euglycemic-
equipotent  entire  euglycemic  euglycemic-
equivalent  entire  euglycemic  euglycemic-
equivocal  entire  euglycemic  euglycemic-
er  entire  euglycemic  euglycemic-
erectile  entire  euglycemic  euglycemic-
ergogenic  entire  euglycemic  euglycemic-
ergonomic  entire  euglycemic  euglycemic-
erlotinib  entire  euglycemic  euglycemic-
erosive  entire  euglycemic  euglycemic-
er-positive  entire  euglycemic  euglycemic-
erapenem  entire  euglycemic  euglycemic-
erthromcyte  entire  euglycemic  euglycemic-
erthromycin  entire  euglycemic  euglycemic-
erthromycin-treated  entire  euglycemic  euglycemic-
erthropoiesis-stimulating  entire  euglycemic  euglycemic-
erthropoietic  entire  euglycemic  euglycemic-

△ Adis
| Adjective                                    | Adjective                                    | Adjective                                    | Adjective                                    |
|---------------------------------------------|---------------------------------------------|---------------------------------------------|---------------------------------------------|
| first-in-class                              | fortified                                   | gastrointestinal                            | glucose-related                             |
| first-in-human                              | forty-eight                                 | gastro-intestinal                           | glucose-stimulated                          |
| first-in-man                                | forward                                     | gastrointestinal-related                    | glutamate                                   |
| first-line                                  | four-arm                                    | gastro-oesophageal                          | glutamatergic                               |
| first-order                                 | four-day                                    | gefitinib                                   | glutetal                                    |
| first-pass                                  | fourfold                                    | gel                                         | glycaemic                                   |
| first-phase                                 | four-fold                                   | gelatinase-associated                       | glycated                                    |
| first-time                                  | four-fold                                   | gel-forming                                 | glycemic                                    |
| first-year                                  | four-month                                  | genant-modified                             | glycosylated                                |
| five-day                                    | four-point                                  | gender-matched                              | goal-directed                               |
| five-period                                 | fourth                                      | general                                     | gold                                        |
| five-point                                  | four-treatment                              | generalisable                              | golinumab                                   |
| five-way                                    | four-way                                    | generalised                                 | good                                        |
| five-year                                   | four-week                                   | generalised                                 | go-raise                                    |
| fixed                                       | four-year                                   | generalised                                 | gout                                        |
| fixed-dose                                  | foveal                                      | gene-related                                | g-protein-coupled                           |
| flare                                       | fractional                                  | genetic                                     | graded                                      |
| flat                                        | fractionated                                | genetic                                     | gradual                                     |
| flexible                                    | fracture                                    | genital                                     | gram-negative                               |
| flexible-dose                               | fragile                                     | genome                                      | gram-positive                               |
| flow-mediated                               | fragmented                                  | genome-wide                                 | granulocyte                                 |
| fluconazole                                 | frail                                       | genomic                                     | graphic                                     |
| fluid                                       | frailty                                     | genotypic                                   | graphical                                   |
| flu-like                                    | free                                        | genotypic                                   | gray                                        |
| fluorescent                                | free-living                                 | gentamicin                                  | great                                       |
| fluoride                                    | free-radical                                | gentle                                      | greater                                     |
| fluoroscopic                                | french                                      | genuine                                     | greatest                                    |
| fluoxetine                                  | frequent                                    | geographic                                  | green                                       |
| fluoxetine-treated                         | fresh                                       | geographically                              | grey                                        |
| flush                                       | frontal                                     | geometric                                   | gross                                       |
| flushing                                    | front-line                                  | geriatric                                   | group-based                                 |
| fmri                                        | frozen                                      | german                                      | guideline-based                             |
| focal                                       | full                                        | gestational                                 | gynaecological                             |
| folate                                      | full-scale                                  | gh                                         | gynecological                              |
| folfiri                                     | full-term                                   | gh-deficient                               | h                                           |
| folic                                       | full-time                                   | gh-releasing                                | h1n1                                        |
| folinic                                     | fulvestrant                                 | gh-treated                                  | h2-receptor                                |
| follicle-stimulating                       | fumarate                                    | gi                                         | h5n1                                        |
| follicular                                  | functional                                  | glargine                                    | habitual                                    |
| followed-up                                | fundamental                                 | glucagon-like                               | haematological                              |
| following                                  | fundus                                      | glucocorticoid                              | haemodynamic                                |
| followup                                    | fungal                                      | glucocorticoid-induced                      | haemoglobin                                 |
| follow-up                                  | furoate                                     | glucodynamic                                | haemophilus                                 |
| food-effect                                 | furosemide                                  | glucoregulatory                             | haemostatic                                 |
| forced                                      | further                                     | glucose                                     | half                                        |
| force-titrated                              | future                                      | glucose-6-phosphate                         | half-life                                   |
| forearm                                     | g                                          | glucose-dependent                           | haloperidol                                 |
| foreign                                     | gag-specific                                | glucose-lowering                            | haloperidol-controlled                      |
| formal                                      | gamma-aminobutyric                          | glucose-lowering                            | haloperidol-treated                         |
| formative                                   | gaseous                                     | glucose-lowering                            | ham-d-17                                    |
| former                                      | gastric                                     | glucose-lowering                            | hand-foot                                   |
| formoterol                                  | gastroduodenal                              | glucose-lowering                            | hand-held                                   |
| formula-fed                                 | gastrooesophageal                           | glucose-lowering                            | hands-on                                    |
| Adjunct | Example Usage |
|---------|--------------|
| implementation | ineffectual |
| implicit | inefficient |
| important | ineligible |
| impossible | inert |
| improved | inexpensive |
| improving | inexperienced |
| impulsive | infant |
| inaccurate | infantile |
| inactivated | infected |
| inactive | infection-related |
| inadequate | infectious |
| inadvertent | infective |
| inappropriate | inferior |
| inattentive | infertile |
| incisional | infinite |
| inclusive | inflamed |
| incompatible | inflammatory |
| incomplete | infliximab |
| inconclusive | infliximab-treated |
| incongruent | influential |
| inconsistent | influenza |
| incontinent | influenzae |
| incorporate | influenza-like |
| incorporated | informal |
| incorporating | informational |
| incorrect | informative |
| increased | informed |
| incremental | infrared |
| incurable | infrequent |
| indacaterol | infused |
| independent | infusional |
| in-depth | infusion-related |
| indexed | ingested |
| indian | inguinal |
| indicated | inhalational |
| indicative | inhaled |
| indigenous | inhaler |
| indirect | inherent |
| indistinguishable | inhibited |
| individual | inhibiting |
| individualised | inhibitor |
| individualized | inhibitor-1 |
| individual-level | inhibitor-based |
| individually-tailored | inhibitory |
| indocyanine | in-home |
| indole | in-hospital |
| indomethacin | initial |
| indoor | initiating |
| induced | injectable |
| inducible | injected |
| inductive | injection-site |
| industrial | injured |
| industrialized | injurious |
| innate | inner |
| inner-city | innovative |
| inoperable | inotropic |
| inpatient | insensitive |
| in-patient | insignificant |
| in-person | insoluble |
| insecticide-treated | inspiratory |
| infectious | inspired |
| instantaneous | instantaneous |
| in-stent | institutional |
| institutional | instructional |
| incorporated | instructive |
| incorporating | instrumental |
| incorrect | instrumented |
| increased | insufficient |
| incremental | insulin-dependent |
| incurable | insulin-inferior |
| indacaterol | insulin-independent |
| independent | insulin-induced |
| in-depth | insulin-like |
| indexed | insulin-mediated |
| inelastic | insulin-naïve |
| indacaterol | insulin-naive |
| inelastic | insulin-necirhonic |
| individual | insulin-resistant |
| individualized | insulin-sensitive |
| individual-level | insulin-stimulated |
| individually-tailored | insulin-treated |
| inter | intact |
| intermittent | intake |
| in-home | integral |
| intercellular | integrated |
| in-hospital | integrative |
| intention-to-treat | intellectual |
| in-patient | intended |
| inter | intense |
| in-patient | intensive |
| interpersonal | intensional |
| inter-individual | intention-to-treat |
| interindividual | interactive |
| inter-individual | intercellular |
| interindividual | intracerebral |
| interindividual | intracoronary |
| inter | intracellular |
| inter | intracranial |
| inter | intractable |
| inter | intracytoplasmic |
Use of Adjectives in Abstracts 103

low-calorie
low-carbohydrate
low-cost
low-density
low-dose
lower
lower-dose
lowest
low-fat
low-gi
low-glycemic
low-grade
low-income
low-intensity
low-level
low-molecular-weight
low-risk
low-trauma
lumbar
luminal
lumiracoxib
lupus
luteal
lymph
lymphatic
lymphoblastic
lymphocyte
lymphoproliferative
macronutrient
macrophage
macular
macular
magnetic
main
major
maladaptive
malaria-endemic
malarial
malaria-naïve
male
maleate
malignant
malnourished
mammalian
mammographic
manageable
mandatory
mandible
mandibular
manic
manifest
manipulative
mantel-haenszel
mantle
manual
manualized
many
marginal
marital
marked
masked
mass
matching
maternal
mathematical
mature
maximal
maximum
maximum-tolerated
mcg
mcrc
meal-induced
meal-related
mealtime
mean
meaningful
measurable
measured
mechanical
mechanism-based
mechanistic
medial
median
mediastinal
mediate
mediated
mediating
medical
medication-free
medicinal
medium
medium-term
méfloquine
mellitus
memantine
meningococcal
menopausal
menstrual
mental
metabolic
metabolite
metallic
metastatic
metered
metered-dose
metformin
metformin-treated
methicillin-resistant
methicillin-susceptible
methodological
methotrexate
methotrexate-naive
metoprolol
metric
metronidazole
metropolitan
mexican
mf59-adjuvanted
mg
micro
microbial
microbiologic
microbiological
microcirculatory
microg
micronized
micronutrient
microscopic
microsomal
microvascular
mid
middle
middle-aged
migraine
migraine-associated
migraine-related
migraine-specific
mild
milder
mild-moderate
mild-to-moderate
military
milk-based
mimetic
mindfulness-based
minimal
mini-mental
minimum
minor
minute
mismatched
missing
mitochondrial
mitogen-activated
mitral
mitt
mixed
mixed-effect
mixed-effects
mixed-model
ml
ml-1
mm
mmhg
mmol
mmp-3
mobile
mobile-bearing
mobility
mock
modafinil
modal
model-based
modeled
modeling
modellied
modelling
moderate
moderated
moderate-dose
moderate-fat
moderate-intensity
moderate-to-severe
moderate-to-vigorous
moderating
modern
modest
modifiable
modified
modular
modulate
modulated
modulating
modulatory
moisturizing
molar
molecular
monetary
monitored
monocentric
monoclonal
monocellular
monogamous
mononuclear
monophasic
monotherapy
monounsaturated
monovalent
monoxide-confirmed
montelukast
monthly
moral
more
△ Adis
| Term                        | Term                        | Term                        | Term                        |
|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| moreover                    | negligible                  | morphine-induced            | mycrobiological             |
| morphological               | morphological               | morphological               | morphological               |
| morphometric                | morphometric                | most                        | morphometric                |
| most                        | motivated                   | motivated                   | mycophenolate               |
| motivated                   | mycophenolic                | mtx                         | myelodysplastic             |
| motivational                | myelogenous                 | much                        | myeloid                     |
| moxifloxacin                | myogenic                    | mucous                      | myocardial                  |
| mrcc                        | myocellular                 | mug                         | myocardial                  |
| mri                          | myoglobin                   | multi                        | myoglobin                   |
| mrna                         | n-3                         | multi-ascending             | n-3                         |
| mtx                          | natriuretic                 | multi-ascending             | natriuretic                 |
| much                         | naive                       | multi-ascending             | nasogastric                 |
| mucous                      | naproxen                    | multi-ascending             | nasogastric                 |
| mug                          | narrative                   | multi-ascending             | nasopharyngeal              |
| multi                        | narrow                      | multi-ascending             | nateglinide                 |
| multicenter                 | nasal                       | multi-ascending             | national                    |
| multi-center                | naso-gastric                | multi-ascending             | nationwide                  |
| multicentered               | naso-gastric                | multi-ascending             | native                      |
| multicentre                 | nasopharyngeal              | multi-ascending             | native                      |
| multicentric                | nateglinide                 | multi-ascending             | native                      |
| multicompartmental          | national                    | multi-ascending             | natural                     |
| multicomponent              | nationwide                  | multi-ascending             | natural                     |
| multi-component             | nonadherent                 | multi-ascending             | naturalistic                |
| multidimensional            | nonadherent                 | multi-ascending             | nausea                      |
| multidisciplinary           | non-elderly                 | multi-ascending             | n-back                      |
| multi-disciplinary          | non-exercise                | multi-ascending             | near                        |
| multidose                   | non-fatal                   | multi-ascending             | nearest                     |
| multi-dose                  | non-fatal                   | multi-ascending             | near-infrared               |
| multidrug                   | non-fatal                   | multi-ascending             | near-maximal                |
| multidrug-resistant         | non-fatal                   | multi-ascending             | nebulated                   |
| multi-ethnic                | non-fatal                   | multi-ascending             | necessary                   |
| multifaceted                | non-fatal                   | multi-ascending             | necrotic                    |
| multi-faceted               | non-fatal                   | multi-ascending             | nefazodone                  |
| multifactorial              | non-fatal                   | multi-ascending             | negative                    |
| multi-factorial             | non-fatal                   | multi-ascending             | negatively                  |
| multifocal                  | non-fatal                   | multi-ascending             | nelfinavir                  |
| multifunctional             | non-fatal                   | multi-ascending             | neoadjuvant                 |
| multi-institutional         | non-fatal                   | multi-ascending             | neoimperial                 |
| multi-item                  | non-fatal                   | multi-ascending             | neonatal                    |
| multikinase                 | non-fatal                   | multi-ascending             | neoral                      |
| multilevel                  | non-fatal                   | multi-ascending             | neovascular                 |
| multi-level                 | non-fatal                   | multi-ascending             | nephrotic                   |
| multimodal                  | non-fatal                   | multi-ascending             | nervous                     |
| multinational               | non-fatal                   | multi-ascending             | net                         |
| multinominal                | non-fatal                   | multi-ascending             | neural                      |
| multiple                    | non-fatal                   | multi-ascending             | neuaminidase                |
| multiple-ascending          | non-fatal                   | multi-ascending             | neurobehavioral             |
| multiple-choice             | non-fatal                   | multi-ascending             | neurobiological             |
| multiple-dose               | non-fatal                   | multi-ascending             | neurochemical                |
| multiplex                   | non-fatal                   | multi-ascending             | neuroendocrine              |
| multi-professional          | non-fatal                   | multi-ascending             | neurogenic                  |
|                            | non-inferior                | multi-ascending             | neurohormonal               |
|                            | no-effect                   | multi-ascending             | neuroimaging                |
|                            | nominal                     | multi-ascending             | neurolastic                 |
|                            | nonadjuvanted               | multi-ascending             | neuroleptic                 |
|                            | non-adjuvanted              | multi-ascending             | neurologic                  |
|                            | nonalcoholic                | multi-ascending             | neurological                |
|                            | non-alcoholic               | multi-ascending             | neuromuscular               |
|                            | non-blind                   | multi-ascending             | neuronal                     |
|                            | non-blinded                 | multi-ascending             | neuropathic                 |
|                            | non-blood                   | multi-ascending             | neurophysiological          |
|                            | nonblind                    | multi-ascending             | neuroprotective             |
|                            | nonblinded                  | multi-ascending             | neuropsychiatric            |
|                            | non-blinded                 | multi-ascending             | neuropsychological          |
|                            | non-blinded                 | multi-ascending             | neurosensoric               |
|                            | non-cancer                  | multi-ascending             | neurosurgical               |
|                            | noncardiac                  | multi-ascending             | neurotoxic                  |
|                            | non-clinical                | multi-ascending             | neurovascular               |
|                            | noncommunicable             | multi-ascending             | neutral                     |
|                            | noncomparative              | multi-ascending             | neutralizing                |
|                            | noncomparative              | multi-ascending             | neutropenic                 |
|                            | noncompartmental            | multi-ascending             | neutrophil                  |
|                            | non-compartmental           | multi-ascending             | new                         |
|                            | non-exercise                | multi-ascending             | newborn                     |
|                            | non-fasting                 | multi-ascending             | newer                       |
|                            | nonfatal                    | multi-ascending             | new-onset                   |
|                            | non-fat                      | multi-ascending             | next                        |
|                            | non-hdl                     | multi-ascending             | next-day                    |
|                            | non-hdl-c                   | multi-ascending             | next-generation             |
|                            | non-hematological           | multi-ascending             | ng                          |
|                            | non-high-density            | multi-ascending             | niacin                      |
|                            | non-hispanic                | multi-ascending             | niacin-induced              |
|                            | non-hodgkin                 | multi-ascending             | nicotine                    |
|                            | non-human                   | multi-ascending             | nicotinic                   |
|                            | noninfectious               | multi-ascending             | nifedipine                  |
|                            | noninferior                 | multi-ascending             | nighttime                   |
|                            | non-inferior                | multi-ascending             | night-time                  |
|                            | nitotinib                   | multi-ascending             | ninety-eight                |
|                            | ninth                        | multi-ascending             | nitrate                     |
|                            | nitric                       | multi-ascending             | nitrous                     |
|                            | nizatidine                  | multi-ascending             | nmc                         |
|                            | nm                           | multi-ascending             | nmr-ti-resistant            |
|                            | nociceptive                 | multi-ascending             | nocturnal                   |
|                            | nonadherent                 | multi-ascending             | no-effect                   |
|                            | nominal                     | multi-ascending             | nominal                     |
|                            | node-positive               | multi-ascending             | nonadjuvanted               |
|                            | node-positive               | multi-ascending             | non-adjuvanted              |
|                            | nodal                       | multi-ascending             | nonalcoholic                |
|                            | no-effect                   | multi-ascending             | non-alcoholic               |
|                            | nominal                     | multi-ascending             | non-blind                   |
|                            | non-blind                   | multi-ascending             | nonblind                    |
|                            | non-blinded                 | multi-ascending             | non-blinded                 |
|                            | non-cancer                  | multi-ascending             | noncancer                   |
|                            | noncardiac                  | multi-ascending             | nonclinical                 |
|                            | non-clinical                | multi-ascending             | non-diabetic                |
|                            | non-diabetic                | multi-ascending             | non-diabetic                |
|                            | non-disabled                | multi-ascending             | non-disabled                |
|                            | non-dominant                | multi-ascending             | non-disabled                |
|                            | non-elderly                 | multi-ascending             | non-exercise                |
|                            | non-fasting                 | multi-ascending             | non-fasting                 |
|                            | non-fatal                   | multi-ascending             | nonfatal                    |
|                            | non-fat                      | multi-ascending             | non-fatal                   |
|                            | non-hdl                     | multi-ascending             | non-hdl                     |
|                            | non-hdl-c                   | multi-ascending             | non-hematological           |
|                            | non-high-density            | multi-ascending             | non-high-density             |
|                            | non-hispanic                | multi-ascending             | non-hispanic                |
|                            | non-hodgkin                 | multi-ascending             | non-human                   |
|                            | noninfectious               | multi-ascending             | noninfectious               |
|                            | noninferior                 | multi-ascending             | non-inferior                |
| Platinum-based        | postoperative      | pre-existing          | preventing           |
|-----------------------|--------------------|-----------------------|----------------------|
| Platinum-sensitive    | post-operative     | preferable            | preventive           |
| Plausible             | post-operatively   | preference-based      | previous             |
| Pleasant              | post-operatively   | preferential          | primaquine           |
| Pleiotropic           | postpartum         | preferred             | primary              |
| Pleural               | postprandial       | prefrontal            | prime                |
| Pneumatic             | post-prandial      | pregabalin-treated    | prime-boost          |
| Pneumococcal          | post-primary       | pregnant              | primed               |
| Point-of-care         | postprocedural     | prehospital           | priming              |
| Poliovirus            | post-stroke        | prehypertensive       | primiparous          |
| Polyclonal            | postsurgical       | pre-intervention      | principal            |
| Polycystic            | posttherapy        | preliminary           | print-based          |
| Polymorphic           | post-therapy       | premalignant          | prior                |
| Polysomnographic      | post-training      | premature             | priori               |
| Polyunsaturated       | post-transplant    | pre-meal              | private              |
| Pooled                | posttraumatic      | premenopausal         | proactive            |
| Poor                  | post-traumatic     | premenstrual          | profibrolintic       |
| Poorer                | post-treatment     | premier               | probable             |
| Popular               | postural           | premixed              | probing              |
| Population-based      | postvoid           | prenatal              | probiotic            |
| Population-level      | potent             | preoperative          | problematic          |
| Population-specific   | potential          | pre-operative         | problem-solving      |
| Porous                | powered            | prepandemic           | pro-brain            |
| Portable              | powerful           | preparatory           | procedural            |
| Portal                | ppm                | prepared              | procedure-related    |
| Posaconazole          | practical          | preplanned            | productive           |
| Positive              | practice-based     | pre-post              | professional          |
| Positive-controlled   | pragmatic          | prespecified          | profissional         |
| Possible              | pramlintide        | pre-pregnancy         | profibrinolitic      |
| Postabsorptive        | pramlintide-treated| prepubertal           | proficient           |
| Post-acute            | prandial           | pre-school            | profile              |
| Postal                | pravastatin        | prescribed            | profound             |
| Post-baseline         | pre              | present               | prognostic           |
| Post-brushing         | prebiotic          | preservative-free     | progression-free     |
| Post-challenge        | pre-brushing       | preserved             | progressive          |
| Post-discharge        | precancerous      | prophylactic          | proinflammatory      |
| Postdose              | precise            | proinflammatory       | prolactin-related    |
| Post-dose             | preclinical        | proliferative         | proliferator-activated|
| Post-dosing           | pre-clinical       | prolong               | prolong              |
| Posterior             | predefined         | presumed              | prominent            |
| Posterolateral        | pre-defined        | presumptive           | promising            |
| Post-exercise         | predetermined      | presystemic           | prompt               |
| Post-exposure         | pre-determined     | preterm               | prone                |
| Postherpetic          | predictable        | pre-test              | pronounced           |
| Posthoc               | predictive         | pretreated            | propellant-free      |
| Post-hoc              | prednisolone       | pretreatment          | proper               |
| Post-intervention     | predominant        | pre-treatment         | prophylactic         |
| Postmenopausal        | pre-dose           | pre-vaccination       | propionate           |
| Postmenopausal        | preemptive         | prevalent             | propofol             |
| Postmenstrual         | pre-emptive        | preventable           | proportional         |
| Postnatal             | pre-erythrocytic   | preventative           | proposed             |
| Post-natal            | pre-exercise       |                        |                      |
| risperidone-treated | sd          | sep          | sigmoid  |
|---------------------|-------------|--------------|----------|
| ritonavir-boosted    | seasonal    | septal       | sigmoidal|
| rivaroxaban         | second      | septic       | signal-regulated|
| rivastigmine         | secondary   | sequential   | signed-rank|
| rizatriptan          | second-generation | sequestered | significant|
| robotic              | second-line | serial       | sildenafil|
| robust               | second-phase | serious      | silent   |
| rodent               | second-year | serological  | similar  |
| rofecoxib            | secretary   | seronegative | simple   |
| role-emotional       | sectional   | seropositive | simpler  |
| role-physical        | secure      | seroprotective| simplerx  |
| romiplostim          | sedated     | serotonergic | simplifed |
| rotational           | sedating    | serotype-specific | simulated |
| rotavirus            | sedative    | serous       | simultaneous |
| rotigotine           | sedentary   | serum        | simvastatin |
| round                | segmental   | sevelamer    | single   |
| routine              | segmented   | seven-day    | single-agent |
| run-in               | seizure-free| seven-point  | single-arm |
| runny                | select      | seventh      | single-ascending |
| rural                | selected    | seventy      | single-blind |
| saccadic             | self-administered | seventy-eight | single-blinded |
| sacroiliac           | self-assessed| seventy-five | single-center |
| sad                  | self-care   | seventy-one  | single-centre |
| safe                 | self-completed| seventy-two  | single-day |
| safer                | self-directed| severe     | single-dose |
| safety-related       | self-directed| sevoflurane | single-item |
| sagittal             | self-efficacy | sex-matched | single-level |
| salient              | self-esteem | sex-related | single-masked |
| salivary             | self-identified| sex-specific | single-nucleotide |
| same                 | self-limited | sexual       | single-pill |
| sanitary             | self-limiting| sf-36       | single-rooted |
| satisfactory         | self-limiting| sf-6d       | site-specific |
| satisfied            | self-management | sgrq    | six-dose |
| saturable            | self-monitored| sham-controlled | six-minute |
| saturated            | self-monitoring| sham-treated | six-month |
| sbp                  | self-paced  | shared       | sixth    |
| scale                | self-perceived| sharp     | sixty-eight |
| scale-cognitive      | self-rated  | short       | sixty-one |
| scale-revised        | self-report | short-acting | sixth-way |
| scan                 | self-reported| short-course | six-week |
| scant                | self-selected| shortened   | sizeable |
| scarce               | semantic    | shorter      | skeletal |
| scheduled            | semi-automated| short-form  | skeletal-related |
| schizoaffective      | seminal     | short-lived  | skilled  |
| schizophrenic        | semiquantitative | short-term | sle |
| school-age           | semi-quantitative | sick    | sleep-related |
| school-aged          | semistructured| sickness   | slight   |
| school-based         | semistructured| side     |          |
| scientific           | senior      | side-effect  |          |
| scintigraphic        | sensitive   |              |          |
| scottish             | sensorineural|              |          |
| screen-detected      | sensory     |              |          |
| screened             | separate    |              |          |
syncytial
synergistic
synovial
synthetic
systematic
systemic
system-related
systolic
t1-weighted
t2dm
tacrolimus	actile
tadalafil	adaptil
tailor-made	Taiwanese
tamoxifen
tamsulosin
tibial
tibiofemoral
tension-type
ten-year	terbinafine
terfenadine
teriparatide
terminal
tertiary
tertile
tester
tested
test-of-cure
testosterone
tetanus
tetravalent
t-helper
theoretical	theory-based
therapeutic
therapeutical
therapist
therapy-naive
thermal
thermogenic
thick
thin
thiopental
third
third-line
third-party
thirst
thirty-eight
thirty-one
thoracic
thorough
threatening
three-arm
three-armed
three-day
three-dimensional
three-dose
threefold
three-fold
three-month
three-period
three-treatment
three-way
three-week
three-year
thrice-daily
thromboembolic
thrombolytic
thrombotic
thyroid
tibial
tibiofemoral
tid
tidal
tight
time-averaged
time-dependent
time-limited
timely
time-matched
time-weighted
timolol
tinnitus
tissue-selective
tritated
t-lymphocyte
tmax
tocilizumab
tofacitinib
tolerable
tolerate
tolerated
toll-like
tolterodine
tonic
top
top-down
topical
topiramate
topotecan
total
toxic
toxoid
trabecular
tracheal
traditional
trained
training-induced
tramadol
tranexamic
transarterial
transcranial
transcriptional
transcutaneous
transdermal
transepidermal
transfusional
transient
transitional
translational
transluminal
transmitted
transparent
transporter-mediated
transrectal
transtheoretical
transhilaric
transurethral
transvaginal
traumatic
treatment-associated
treatment-as-usual
treatment-emergent
treatment-experienced
treatment-free
treatment-induced
Treatment-naive
treatment-naive
Treatment-related
treatment-resistant
tremendous
trial
tricyclic
triple
triple-blind
triple-therapy
triplicate
trivalent
troublesome
tryptophan
tuberculous
tubular
tumour
turkish
tutorial
twelve-month
twenty-eight
twice
twice-a-day
twice-daily
twice-weekly
twin
two-arm
two-armed
two-center
two-compartment
two-centre
two-dose
two-factor
twofold
two-fold
two-group
two-hour
two-month
two-part
two-period
two-phase
two-sample
two-sequential
two-sided
two-stage
two-step
two-tailed
two-treatment
two-way
two-week
two-year
tympanic
type
type-2
type-specific
typhoid
typical
Use of Adjectives in Abstracts

Appendix 3: Journals in which the abstracts were published, and number of abstracts by journal

| Journal | Count |
|---------|-------|
| PloS one | 475 |
| Journal of clinical pharmacology | 427 |
| Trials | 344 |
| BMC public health | 316 |
| Diabetes care | 247 |
| British journal of clinical pharmacology | 247 |
| BMC musculoskeletal disorders | 225 |
| Clinical therapeutics | 218 |
| Current medical research and opinion | 186 |
| British journal of cancer | 171 |
| Vaccine | 147 |
| Antimicrobial agents and chemotherapy | 143 |
| Journal of clinical oncology: official journal of the American Society of Clinical Oncology | 143 |
| Clinical pharmacology and therapeutics | 138 |
| International journal of clinical pharmacology and therapeutics | 126 |
| BMC psychiatry | 121 |
| New England journal of medicine | 119 |
| Lancet | 116 |
| BMJ (Clinical research ed.) | 113 |
| Diabetes, obesity and metabolism | 111 |
| Journal of clinical psychiatry | 110 |
| Critical care (London, England) | 109 |
| Journal of clinical endocrinology and metabolism | 108 |
| Annals of the rheumatic diseases | 107 |
| BMC health services research | 107 |
| BMC cancer | 102 |
| European journal of clinical pharmacology | 99 |
| Arthritis and rheumatism | 86 |
| Clinical pharmacokinetics | 85 |
| Nutrition journal | 83 |
| Respiratory medicine | 79 |
| Journal of infectious diseases | 78 |
| Journal of clinical psychopharmacology | 77 |
| Alimentary pharmacology and therapeutics | 77 |
| Journal of medical Internet research | 76 |
| BMC geriatrics | 75 |
| Psychopharmacology | 74 |
| International journal of clinical practice | 71 |
| BMC family practice | 68 |
| Pediatric infectious disease journal | 63 |
| BMC pediatrics | 63 |
| Respiratory research | 62 |
| Health and quality of life outcomes | 61 |
| BMC complementary and alternative medicine | 61 |
| Journal                                                                 | Count |
|------------------------------------------------------------------------|-------|
| American journal of cardiology                                         | 61    |
| American heart journal                                                 | 60    |
| BMC neurology                                                          | 58    |
| Journal of rheumatology                                                | 57    |
| Biopharmaceutics and drug disposition                                  | 56    |
| Diabetic medicine: a journal of the British Diabetic Association        | 55    |
| Clinical infectious diseases: an official publication of the            | 54    |
| Infectious Diseases Society of America                                 |       |
| Malaria journal                                                        | 53    |
| Journal of antimicrobial chemotherapy                                  | 52    |
| Journal of clinical dentistry                                          | 52    |
| Clinical drug investigation                                            | 49    |
| Arthritis research and therapy                                         | 48    |
| BMC nephrology                                                         | 47    |
| Annals of oncology: official journal of the European Society for       | 46    |
| Medical Oncology/ESMO                                                  |       |
| Osteoporosis international: a journal established as result of         | 46    |
| cooperation between the European Foundation for Osteoporosis and the   |       |
| National Osteoporosis Foundation of the USA                            |       |
| Cephalalgia: an international journal of headache                     | 45    |
| BMC infectious diseases                                                | 44    |
| Circulation                                                            | 44    |
| Lipids in health and disease                                           | 44    |
| Journal of bone and mineral research: the official journal of the      | 43    |
| American Society for Bone and Mineral Research                         |       |
| American journal of gastroenterology                                   | 43    |
| Ophthalmology                                                          | 43    |
| American journal of clinical nutrition                                 | 43    |
| BMC medical education                                                  | 43    |
| Clinical cancer research: an official journal of the American          | 43    |
| Association for Cancer Research                                        |       |
| Cancer chemotherapy and pharmacology                                   | 42    |
| European heart journal                                                | 40    |
| British journal of psychiatry: the journal of mental science           | 40    |
| European respiratory journal                                           | 40    |
| Journal of affective disorders                                         | 39    |
| Journal of the American College of Cardiology                          | 39    |
| Pediatrics                                                             | 39    |
| International journal of chronic obstructive pulmonary disease        | 38    |
| Biological psychiatry                                                  | 38    |
| BMC cardiovascular disorders                                           | 38    |
| Neurology                                                              | 38    |
| BMC gastroenterology                                                   | 37    |
| European journal of cancer (Oxford, England: 1990)                    | 37    |
| BMC medicine                                                           | 37    |
| BMC pregnancy and childbirth                                          | 36    |
| Diabetes technology and therapeutics                                   | 36    |
|                                                                 |       |
| Journal                                                                 | Count |
| Headache                                                               | 36    |
| Journal of international medical research                               | 35    |
| Schizophrenia research                                                | 35    |
| Pharmacotherapy                                                        | 34    |
| Journal of acquired immune deficiency syndromes (1999)                | 34    |
| British journal of nutrition                                          | 34    |
| International journal of behavioral nutrition and physical activity   | 34    |
| Diabetes                                                               | 34    |
| American journal of psychiatry                                         | 34    |
| Yonsei medical journal                                                | 33    |
| Thorax                                                                | 33    |
| Annals of allergy, asthma and immunology: official publication of the | 33    |
| American College of Allergy, Asthma, and Immunology                   |       |
| Arzneimittel-Forschung                                                | 33    |
| American journal of dentistry                                          | 33    |
| British journal of dermatology                                         | 33    |
| BMC pulmonary medicine                                                | 32    |
| Chest                                                                  | 32    |
| Journal of nutrition                                                  | 32    |
| Journal of Korean medical science                                      | 32    |
| BMC medical research methodology                                       | 32    |
| Journal of neuroscience: the official journal of the Society for       | 31    |
| Neuroscience                                                          |       |
| American journal of respiratory and critical care medicine             | 31    |
| Journal of cardiovascular pharmacology                                 | 31    |
| Breast cancer research and treatment                                   | 31    |
| Neuropsychopharmacology: official publication of the American College  | 30    |
| of Neuropsychopharmacology                                             |       |
| BJU international                                                      | 30    |
| Clinics (São Paulo, Brazil)                                            | 30    |
| Acta orthopaedica                                                      | 30    |
| Diabetes research and clinical practice                                | 30    |
| Critical care medicine                                                | 30    |
| Journal of psychiatric research                                        | 30    |
| Human vaccines                                                         | 30    |
| Journal of psychopharmacology (Oxford, England)                       | 29    |
| Gastroenterology                                                       | 29    |
| International clinical psychopharmacology                             | 29    |
| Journal of clinical hypertension (Greenwich, Conn.)                   | 28    |
| Cardiovascular diabetology                                            | 28    |
| Clinical journal of pain                                              | 28    |
| Pain                                                                   | 27    |
| Implementation science: IS                                             | 27    |
| Drug metabolism and disposition: the biological fate of chemicals     | 27    |
| Cancer                                                                 | 27    |
| Metabolism: clinical and experimental                                  | 27    |
| Journal of allergy and clinical immunology                             | 27    |
| Journal                                                                 | Count |
|------------------------------------------------------------------------|-------|
| Bone                                                                   | 27    |
| Rheumatology (Oxford, England)                                         | 27    |
| Journal of sexual medicine                                             | 27    |
| AIDS (London, England)                                                 | 27    |
| Hypertension                                                           | 27    |
| Thrombosis and haemostasis                                             | 26    |
| British journal of anaesthesia                                         | 25    |
| Journal of strength and conditioning research/National Strength and Conditioning Association | 25 |
| Urology                                                                | 25    |
| Annals of internal medicine                                            | 25    |
| Lancet. Oncology                                                       | 25    |
| Stroke; a journal of cerebral circulation                              | 25    |
| Journal of headache and pain                                           | 24    |
| Value in health: the journal of the International Society for Pharmacoeconomics and Outcomes Research | 24 |
| Journal of cardiothoracic surgery                                      | 24    |
| Obesity (Silver Spring, Md.)                                           | 24    |
| European journal of applied physiology                                 | 24    |
| Pharmaceutical research                                                | 24    |
| Journal of the American Geriatrics Society                             | 24    |
| Journal of urology                                                     | 24    |
| Journal of cognitive neuroscience                                       | 24    |
| BMC surgery                                                            | 24    |
| Journal of pain: official journal of the American Pain Society          | 24    |
| Journal of thoracic oncology: official publication of the International Association for the Study of Lung Cancer | 23 |
| Contemporary clinical trials                                           | 23    |
| Journal of general internal medicine                                   | 23    |
| Journal of hypertension                                                | 23    |
| Arthritis care and research                                            | 23    |
| Scientificworldjournal                                                | 22    |
| Health psychology: official journal of the Division of Health Psychology, American Psychological Association | 22 |
| Diabetologia                                                           | 22    |
| Journal of human hypertension                                          | 22    |
| Medicine and science in sports and exercise                            | 22    |
| Journal of the American Academy of Dermatology                         | 22    |
| Spine                                                                  | 22    |
| European journal of clinical nutrition                                 | 22    |
| Clinical and vaccine immunology: CVI                                   | 22    |
| Preventive medicine                                                    | 22    |
| American journal of tropical medicine and hygiene                      | 22    |
| Anesthesia and analgesia                                               | 22    |
| Digestive diseases and sciences                                        | 22    |
| Journal of child and adolescent psychopharmacology                     | 21    |
| Menopause (New York, N.Y.)                                             | 21    |
| Journal of clinical epidemiology                                       | 21    |
| International journal of cancer. Journal international du cancer       | 21    |

| Journal                                                                 | Count |
|------------------------------------------------------------------------|-------|
| European journal of heart failure                                      | 21    |
| Journal of pharmaceutical sciences                                     | 21    |
| BMC medical informatics and decision making                            | 21    |
| Nephrology, dialysis, transplantation: official publication of the European Dialysis and Transplant Association—European Renal Association | 21 |
| Blood                                                                  | 21    |
| Hepatology (Baltimore, Md.)                                            | 20    |
| World journal of surgery                                               | 20    |
| Heart (British Cardiac Society)                                        | 20    |
| Vascular health and risk management                                    | 20    |
| Human psychopharmacology                                               | 20    |
| JAMA                                                                    | 20    |
| Archives of internal medicine                                          | 20    |
| Patient education and counseling                                       | 19    |
| Pain medicine (Malden, Mass.)                                         | 19    |
| Clinical journal of the American Society of Nephrology: CJASN          | 19    |
| HIV clinical trials                                                    | 19    |
| Nicotine and tobacco research: official journal of the Society for Research on Nicotine and Tobacco | 19 |
| American journal of therapeutics                                       | 19    |
| Intensive care medicine                                                | 19    |
| Clinical interventions in aging                                        | 19    |
| American journal of hypertension                                       | 19    |
| Lancet. Neurology                                                      | 19    |
| Fertility and sterility                                                | 18    |
| Contraception                                                          | 18    |
| Pulmonary pharmacology and therapeutics                                | 18    |
| Human reproduction (Oxford, England)                                   | 18    |
| Epilepsia                                                              | 18    |
| Atherosclerosis                                                        | 18    |
| Psychoneuroendocrinology                                               | 18    |
| Journal of asthma: official journal of the Association for the Care of Asthma | 17 |
| Allergy and asthma proceedings: the official journal of regional and state allergy societies | 17 |
| PharmacoEconomics                                                      | 17    |
| Obstetrics and gynecology                                              | 17    |
| International journal of obesity (2005)                                | 17    |
| Postgraduate medicine                                                 | 17    |
| Journal of diabetes science and technology                             | 17    |
| Journal of bone and joint surgery. American volume                     | 17    |
| Transplantation                                                        | 17    |
| BMC clinical pharmacology                                              | 17    |
| Reproductive biology and endocrinology: RB&E                           | 17    |
| BMC ophthalmology                                                      | 16    |
| Drugs in R&D                                                           | 16    |
| BMC research notes                                                     | 16    |
| European urology                                                       | 16    |
| Journal                                                                | Count |
|----------------------------------------------------------------------|-------|
| Kidney international                                                | 16    |
| American journal of kidney diseases: the official journal of        | 16    |
| the National Kidney Foundation                                       |       |
| Quality of life research: an international journal of quality of     | 16    |
| life aspects of treatment, care and rehabilitation                  |       |
| British journal of general practice: the journal of the Royal       | 16    |
| College of General Practitionans                                    |       |
| Appetite                                                             | 16    |
| Oncologist                                                          | 16    |
| American journal of medicine                                        | 16    |
| Medical science monitor: international medical journal of experimental and clinical research | 16 |
| Journal of the American College of Nutrition                       | 16    |
| PLoS neglected tropical diseases                                    | 16    |
| Journal of alternative and complementary medicine (New York, NY)    | 16    |
| Nutrients                                                           | 16    |
| Surgical endoscopy                                                  | 16    |
| Psychopharmacology bulletin                                         | 15    |
| Human vaccines and immunotherapeutics                               | 15    |
| Psychiatry research                                                 | 15    |
| Archives of general psychiatry                                      | 15    |
| British journal of ophthalomology                                   | 15    |
| Journal of pediatrics                                               | 15    |
| European journal of anaesthesiology                                 | 15    |
| Journal of periodontology                                           | 15    |
| International journal of cardiology                                | 15    |
| Clinical rehabilitation                                             | 14    |
| Multiple sclerosis (Houndmills, Basingstoke, England)               | 14    |
| Annals of pharmacotherapy                                           | 14    |
| International journal of geriatric psychiatry                       | 14    |
| Expert opinion on pharmacotherapy                                   | 14    |
| Environmental health perspectives                                   | 14    |
| Journal of pharmacology and experimental therapeutics               | 14    |
| Addictive behaviors                                                 | 14    |
| American journal of transplantation: official journal of the        | 14    |
| American Society of Transplantation and the American Society of     |       |
| Transplant Surgeons                                                 |       |
| Gut                                                                  | 14    |
| European neuropsychopharmacology: the journal of the European College of Neuropsychopharmacology | 14 |
| PLoS medicine                                                       | 14    |
| Thrombosis research                                                 | 14    |
| Journal of the American Academy of Child and Adolescent Psychiatry  | 14    |
| AIDS research and human retroviruses                                | 13    |
| American journal of obstetrics and gynecology                       | 13    |
| Archives of ophthalmology                                           | 13    |
| Experimental brain research                                         | 13    |
| American journal of surgery                                         | 13    |

| Journal                                                                | Count |
|----------------------------------------------------------------------|-------|
| Anesthesiology                                                       | 13    |
| International journal of antimicrobial agents                        | 13    |
| Lung cancer (Amsterdam, Netherlands)                                 | 13    |
| Cancer prevention research (Philadelphia, Pa.)                       | 13    |
| Medicina oral, patologi-a oral y cirugi-a bucal                     | 13    |
| Hormone and metabolic research = Hormon- und                        |       |
| Stoffwechselsforschung = Hormones et métabolisme                    |       |
| Acta anaesesthesiologica Scandinavica                                | 13    |
| International journal of medical sciences                            | 13    |
| Cancer epidemiology, biomarkers and prevention: a publication of the American Association for Cancer Research, cosponsored by the American Society of Preventive Oncology | 13 |
| Cardiovascular ultrasound                                           | 13    |
| British journal of surgery                                          | 13    |
| Calcified tissue international                                       | 13    |
| Journal of gastroenterology and hepatology                           | 12    |
| International journal of gynecology and obstetrics: the official organ of the International Federation of Gynecology and Obstetrics | 12 |
| Journal of thrombosis and haemostasis: JTH                          |       |
| Allergy                                                              | 12    |
| Behaviour research and therapy                                       | 12    |
| AIDS and behavior                                                    | 12    |
| American journal of physiology. Endocrinology and metabolism        | 12    |
| Anaesthesia                                                          | 12    |
| Investigative ophthalmology and visual science                      | 12    |
| European journal of endocrinology/European Federation of Endocrine Societies | 12 |
| Archives of pediatrics and adolescent medicine                      | 12    |
| Circulation journal: official journal of the Japanese Circulation Society | 12 |
| Paediatric anaesthesia                                               | 12    |
| Journal of neurophysiology                                          | 12    |
| Compendium of continuing education in dentistry (Jameburg, NJ: 1995) | 12    |
| British journal of sports medicine                                   | 12    |
| European spine journal: official publication of the European Spine Society, the European Spinal Deformity Society, and the European Section of the Cervical Spine Research Society | 12 |
| Investigational new drugs                                           | 12    |
| American journal of health-system pharmacy: AJHP: official journal of the American Society of Health-System Pharmacists | 12 |
| BMC women’s health                                                   | 12    |
| Journal of drugs in dermatology: JDD                                | 12    |
| Archives of physical medicine and rehabilitation                    | 12    |
| Health education research                                           | 11    |
| Journal of the National Cancer Institute                            | 11    |
| Journal of neuroengineering and rehabilitation                      | 11    |
| Journal                                                                 | Count |
|------------------------------------------------------------------------|-------|
| Advances in therapy                                                   | 11    |
| Korean journal of ophthalmology: KJO                                 | 11    |
| Radiation oncology (London, England)                                   | 11    |
| Antiviral therapy                                                     | 11    |
| Pharmacogenetics and genomics                                         | 11    |
| American journal of ophthalmology                                     | 11    |
| Journal of consulting and clinical psychology                         | 11    |
| Journal of bone and joint surgery. British volume                     | 11    |
| Bone marrow transplantation                                           | 11    |
| Journal of dermatological treatment                                   | 11    |
| Psychological medicine                                                | 11    |
| European journal of clinical microbiology and infectious diseases:    | 11    |
| official publication of the European Society of Clinical Microbiology |       |
| World journal of surgical oncology                                    | 11    |
| Maturitas                                                             | 11    |
| BMC emergency medicine                                                | 11    |
| Journal of the American Society of Hypertension: JASH                 | 11    |
| Age and ageing                                                        | 11    |
| Bipolar disorders                                                     | 10    |
| Journal of adolescent health: official publication of the Society for | 10    |
| Adolescent Medicine                                                   |       |
| European journal of neurology: the official journal of the            | 10    |
| European Federation of Neurological Societies                         |       |
| International journal of sport nutrition and exercise metabolism      | 10    |
| Drugs                                                                 | 10    |
| Supportive care in cancer: official journal of the                    | 10    |
| Multinational Association of Supportive Care in Cancer                |       |
| Arteriosclerosis, thrombosis, and vascular biology                    | 10    |
| Journal of anesthesis                                                | 10    |
| Annals of behavioral medicine: a publication of the Society of        | 10    |
| Behavioral Medicine                                                  |       |
| Journal of Alzheimer’s disease: JAD                                  | 10    |
| Journal of hepatology                                                | 10    |
| Clinical nutrition (Edinburgh, Scotland)                              | 10    |
| Journal of pediatric gastroenterology and nutrition                   | 10    |
| Journal of attention disorders                                        | 10    |
| Osteoarthritis and cartilage/OARS, Osteoarthritis Research Society   | 10    |
| Pharmacopsychiatry                                                   | 10    |
| Depression and anxiety                                               | 10    |
| Chemotherapy                                                          | 10    |
| Journal of cardiac failure                                           | 10    |
| World journal of gastroenterology: WJG                               | 10    |
| Neuropsychologia                                                      | 10    |
| Diabetes and vascular disease research: official journal of the       | 10    |
| International Society of Diabetes and Vascular Disease               |       |
| Progress in neuro-psychopharmacology and biological psychiatry        | 10    |

| Journal                                                                 | Count |
|------------------------------------------------------------------------|-------|
| Dermatologic surgery: official publication for American Society for   | 10    |
| Dermatologic Surgery [et al.]                                          |       |
| Upsala journal of medical sciences                                     | 10    |
| Otolaryngology–head and neck surgery: official journal of the         | 10    |
| American Academy of Otolaryngology–Head and Neck Surgery              |       |
| Drug and alcohol dependence                                           | 10    |
| European journal of nutrition                                          | 10    |
| Vision research                                                       | 10    |
| Cardiovascular drugs and therapy/sponsored by the International       | 10    |
| Society of Cardiovascular Pharmacotherapy                             |       |
| Lancet. Infectious diseases                                           | 10    |
| Nutrition (Burbank, Los Angeles County, Calif.)                       | 10    |
| International psychogeriatrics/IPA                                    | 10    |
| Journal of nutrition education and behavior                            | 10    |
| European journal of pain (London, England)                            | 10    |
| Journal of neurology                                                  | 10    |
| Clinical pediatrics                                                   | 9     |
| Climacteric: the journal of the International Menopause Society       | 9     |
| Circulation. Cardiovascular genetics                                  | 9     |
| Journal of cardiovascular magnetic resonance: official journal of the | 9     |
| Society for Cardiovascular Magnetic Resonance                         |       |
| Clinical neuropharmacology                                            | 9     |
| International journal of neuropsychopharmacology/official scientific  | 9     |
| journal of the Collegium Internationale Neuphysychopharmacologicum    |       |
| (CINP)                                                                |       |
| Journal of clinical lipidology                                        | 9     |
| Scandinavian journal of trauma, resuscitation and emergency medicine  | 9     |
| COPD                                                                  | 9     |
| Clinical and experimental rheumatology                                | 9     |
| Journal of pharmacokinetics and pharmacodynamics                      | 9     |
| International journal of pharmaceutics                               | 9     |
| Journal of opioid management                                         | 9     |
| Journal of translational medicine                                    | 9     |
| Gastrointestinal endoscopy                                            | 9     |
| Sexually transmitted diseases                                        | 9     |
| Clinical and experimental allergy: journal of the British Society for | 9     |
| Allergy and Clinical Immunology                                       |       |
| Journal of contemporary dental practice                               | 9     |
| Scandinavian journal of gastroenterology                             | 9     |
| American journal of sports medicine                                   | 9     |
| Journal of clinical pharmacy and therapeutics                         | 9     |
| Journal of the American Dietetic Association                         | 9     |
| Japanese journal of clinical oncology                                 | 9     |
| Public health nutrition                                               | 9     |
| Journal of autism and developmental disorders                         | 9     |
| Journal                                                                 | Count |
|-----------------------------------------------------------------------|-------|
| Clinical gastroenterology and hepatology: the official clinical practice journal of the American Gastroenterological Association | 9     |
| Asian Pacific journal of cancer prevention: APJCP                      | 9     |
| Journal of arthroplasty                                               | 9     |
| Biological psychology                                                | 9     |
| Hypertension research: official journal of the Japanese Society of Hypertension | 9     |
| European journal of pharmaceutical sciences: official journal of the European Federation for Pharmaceutical Sciences | 9     |
| British journal of health psychology                                  | 9     |
| Sexually transmitted infections                                       | 9     |
| Journal of ocular pharmacology and therapeutics: the official journal of the Association for Ocular Pharmacology and Therapeutics | 9     |
| Indian journal of ophthalmology                                       | 9     |
| American journal of geriatric psychiatry: official journal of the American Association for Geriatric Psychiatry | 8     |
| Eye (London, England)                                                 | 8     |
| Reproductive biomedicine online                                       | 8     |
| Journal of neurology, neurosurgery, and psychiatry                    | 8     |
| Europace: European pacing, arrhythmias, and cardiac electrophysiology: journal of the working groups on cardiac pacing, arrhythmias, and cardiac cellular electrophysiology of the European Society of Cardiology | 8     |
| Archives of disease in childhood                                      | 8     |
| Diabetes/metabolism research and reviews                              | 8     |
| BJOG: an international journal of obstetrics and gynaecology          | 8     |
| Cancer causes and control: CCC                                        | 8     |
| European journal of cardiovascular prevention and rehabilitation: official journal of the European Society of Cardiology, Working Groups on Epidemiology and Prevention and Cardiac Rehabilitation and Exercise Physiology | 8     |
| Infectious diseases in obstetrics and gynecology                      | 8     |
| Nutrition research (New York, NY)                                    | 8     |
| Tropical medicine and international health: TM and IH                | 8     |
| Journal of lipid research                                             | 8     |
| Addiction (Abingdon, England)                                         | 8     |
| Pediatric pulmonology                                                 | 8     |
| Clinical oral investigations                                          | 8     |
| Cardiology                                                            | 8     |
| Journal of child psychology and psychiatry, and allied disciplines     | 8     |
| American journal of preventive medicine                              | 8     |
| Knee surgery, sports traumatology, arthroscopy: official journal of the ESSKA | 8     |
| Proceedings of the National Academy of Sciences of the United States of America | 8     |
| Clinical endocrinology                                                | 8     |
| Epilepsy and behavior: E&B                                            | 8     |
| Clinical cardiology                                                   | 8     |
| Acupuncture in medicine: journal of the British Medical Acupuncture Society | 8     |
| International journal of colorectal disease                          | 8     |
| Inflammatory bowel diseases                                           | 8     |
| Dermatology (Basel, Switzerland)                                      | 8     |
| International journal of nursing studies                              | 8     |
| Journal of perinatology: official journal of the California Perinatal Association | 8     |
| Substance abuse treatment, prevention, and policy                    | 8     |
| Pharmacology                                                          | 8     |
| British journal of haematology                                        | 8     |
| Experimental and clinical endocrinology and diabetes: official journal of German Society of Endocrinology [and] German Diabetes Association | 8     |
| Chinese medical journal                                              | 7     |
| European journal of medical research                                  | 7     |
| Journal of orthopaedic and sports physical therapy                   | 7     |
| Perception                                                            | 7     |
| International orthopaedics                                           | 7     |
| European journal of contraception and reproductive health care: the official journal of the European Society of Contraception | 7     |
| Breast cancer research: BCR                                           | 7     |
| Journal of clinical nursing                                           | 7     |
| BMC neuroscience                                                      | 7     |
| Behavioral and brain functions: BBF                                  | 7     |
| International journal of sports medicine                             | 7     |
| Brain: a journal of neurology                                         | 7     |
| Psychology and health                                                 | 7     |
| Journal of occupational and environmental medicine/ American College of Occupational and Environmental Medicine | 7     |
| Science translational medicine                                        | 7     |
| International journal of impotence research                           | 7     |
| Journal of occupational rehabilitation                               | 7     |
| Surgical infections                                                   | 7     |
| Journal of the American Society of Nephrology: JASN                   | 7     |
| Arthroscopy: the journal of arthroscopic and related surgery: official publication of the Arthroscopy Association of North America and the International Arthroscopy Association | 7     |
| European journal of obstetrics, gynecology, and reproductive biology | 7     |
| Annals of surgery                                                     | 7     |
| Journal of sports sciences                                            | 7     |
| Journal of oral and maxillofacial surgery: official journal of the American Association of Oral and Maxillofacial Surgeons | 7     |
| Head and face medicine                                                | 7     |
| Basic and clinical pharmacology and toxicology                        | 7     |
| Pediatric research                                                   | 7     |
| Journal of evaluation in clinical practice                            | 7     |
| Journal                                                                 | Count |
|-----------------------------------------------------------------------|-------|
| American journal of cardiovascular drugs: drugs, devices, and other interventions | 7     |
| Journal of the European Academy of Dermatology and Venereology: JEADV | 7     |
| European journal of cardio-thoracic surgery: official journal of the European Association for Cardio-thoracic Surgery | 7     |
| Movement disorders: official journal of the Movement Disorder Society  | 7     |
| Sleep medicine                                                        | 7     |
| American journal of managed care                                       | 7     |
| HPB surgery: a world journal of hepatic, pancreatic and biliary surgery | 7     |
| Blood pressure monitoring                                             | 7     |
| Gynecologic oncology                                                  | 7     |
| International journal of radiation oncology, biology, physics        | 7     |
| Journal of behavioral medicine                                        | 7     |
| Dementia and geriatric cognitive disorders                            | 7     |
| Journal of cardiothoracic and vascular anesthesia                     | 7     |
| Occupational and environmental medicine                               | 7     |
| Asia Pacific journal of clinical nutrition                             | 7     |
| Clinical orthopaedics and related research                            | 7     |
| Minerva anesthesiologica                                              | 7     |
| Journal of the Association of Physicians of India                     | 7     |
| Mayo Clinic proceedings                                               | 7     |
| Journals of gerontology, Series A, Biological sciences and medical sciences | 7     |
| BMC dermatology                                                       | 7     |
| Canadian journal of anaesthesia = Journal canadien d’anesthésie        | 7     |
| Sleep                                                                 | 7     |
| Platelets                                                            | 7     |
| Journal of clinical anesthesia                                       | 7     |
| Journal of epidemiology and community health                          | 7     |
| BMC urology                                                           | 7     |
| Pain practice: the official journal of World Institute of Pain        | 7     |
| Journal of internal medicine                                          | 7     |
| Pharmacogenomics journal                                              | 7     |
| Translational psychiatry                                              | 7     |
| NeuroImage                                                            | 7     |
| Phytomedicine: international journal of phytotherapy and phytopharmacology | 6     |
| Journal of applied physiology (Bethesda, Md.: 1985)                  | 6     |
| European journal of clinical investigation                            | 6     |
| Retina (Philadelphia, Pa.)                                            | 6     |
| Journal of endocrinological investigation                             | 6     |
| Neuourology and urodynamics                                           | 6     |
| Scandinavian journal of clinical and laboratory investigation         | 6     |
| Physiology and behavior                                               | 6     |
| Neuopharmacology                                                     | 6     |
| Acta oncológica (Stockholm, Sweden)                                   | 6     |
| Journal of endourology/Endourological Society                         | 6     |
| Applied physiology, nutrition, and metabolism = Physiologie appliquée, nutrition et métabolisme | 6     |
| Oncology                                                             | 6     |
| Scandinavian journal of work, environment and health                  | 6     |
| Journal of manipulative and physiological therapeutics               | 6     |
| International journal of infectious diseases: IJID: official publication of the International Society for Infectious Diseases | 6     |
| International urology and nephrology                                  | 6     |
| Journal of aerosol medicine: the official journal of the International Society for Aerosols in Medicine | 6     |
| Journal of the American Heart Association                             | 6     |
| Anti-cancer drugs                                                     | 6     |
| Acta paediatrica (Oslo, Norway: 1992)                                 | 6     |
| Transactions of the Royal Society of Tropical Medicine and Hygiene   | 6     |
| Journal of glaucoma                                                   | 6     |
| Annals of surgical oncology                                           | 6     |
| Oral surgery, oral medicine, oral pathology, oral radiology, and endodontics | 6     |
| BMC oral health                                                       | 6     |
| Clinical trials (London, England)                                     | 6     |
| Journal of bone and mineral metabolism                                | 6     |
| Therapeutic drug monitoring                                           | 6     |
| Mediators of inflammation                                             | 6     |
| Cerebrovascular diseases (Basel, Switzerland)                         | 6     |
| Respirology (Carlton, Vic.)                                          | 6     |
| Family practice                                                       | 6     |
| Journal of health, population, and nutrition                          | 6     |
| Journal of pharmacy and pharmacology                                 | 6     |
| Scandinavian journal of gastroenterology. Supplement                  | 6     |
| Journal of anxiety disorders                                          | 6     |
| Journal of women’s health (2002)                                      | 6     |
| Medical care                                                          | 6     |
| Epilepsy research                                                     | 6     |
| Journal of the Indian Medical Association                             | 6     |
| Journal of viral hepatitis                                            | 6     |
| Medical decision making: an international journal of the Society for Medical Decision Making | 6     |
| Journal of the American Medical Directors Association                 | 6     |
| Neuropsychobiology                                                    | 6     |
| Paediatric drugs                                                      | 6     |
| Haematologica                                                         | 6     |
| Journal of diabetes and its complications                             | 6     |
| Acta psychiatrica Scandinavica                                        | 6     |
| Journal of behavior therapy and experimental psychiatry              | 6     |
| Annals of the New York Academy of Sciences                            | 6     |
| Angle orthodontist                                                    | 6     |
| Journal                                                                 | Count |
|------------------------------------------------------------------------|-------|
| Journal of gastroenterology                                             | 6     |
| Indian journal of medical research                                      | 6     |
| American journal of physical medicine and rehabilitation/              | 6     |
| Association of Academic Physiatrists                                   |       |
| Laryngoscope                                                           | 6     |
| Clinical breast cancer                                                 | 6     |
| Journal of experimental psychology. Human perception and performance   | 6     |
| Hepato-gastroenterology                                                | 6     |
| Journal of pain and symptom management                                 | 6     |
| Current Alzheimer research                                             | 6     |
| Journal of experimental and clinical cancer research: CR               | 6     |
| Molecular psychiatry                                                   | 6     |
| Journal of neural transmission (Vienna, Austria: 1996)                 | 6     |
| Journal of cataract and refractive surgery                             | 6     |
| Community dentistry and oral epidemiology                              | 6     |
| Pacing and clinical electrophysiology: PACE                            | 6     |
| European journal of dermatology: EJD                                   | 6     |
| Psychological research                                                 | 6     |
| EuroIntervention: journal of EuroPCR in collaboration with             | 6     |
| the Working Group on Interventional Cardiology of the European Society |       |
| of Cardiology                                                          |       |
| Annals of clinical psychiatry: official journal of the                 | 6     |
| American Academy of Clinical Psychiatrists                              |       |
| Annals of allergy                                                      | 6     |
| American journal of physiology. Gastrointestinal and liver physiology  | 5     |
| International journal of clinical pharmacology research                | 5     |
| Journal of clinical sleep medicine: JCSM: official publication of      | 5     |
| the American Academy of Sleep Medicine                                |       |
| American journal of hematology                                         | 5     |
| Radiotherapy and oncology: journal of the European Society             | 5     |
| for Therapeutic Radiology and Oncology                                 |       |
| Pharmaceutical statistics                                              | 5     |
| AIDS patient care and STDs                                             | 5     |
| Psychotherapy and psychosomatics                                       | 5     |
| Helicobacter                                                           | 5     |
| British journal of pharmacology                                        | 5     |
| Graefe’s archive for clinical and experimental ophthalmology =        | 5     |
| Albrecht von Graefes Archiv fur klinische und experimentelle            |       |
| Ophthalmologie                                                         |       |
| Photomedicine and laser surgery                                        | 5     |
| Operative dentistry                                                    | 5     |
| European psychiatry: the journal of the Association of                 | 5     |
| European Psychiatrists                                                  |       |
| Cerebral cortex (New York, NY: 1991)                                   | 5     |
| European journal of gastroenterology and hepatology                    | 5     |
| Journal of hematology and oncology                                     | 5     |
| Journal of thoracic and cardiovascular surgery                         | 5     |
| Korean journal of radiology: official journal of the Korean Radiological| 5     |
| Society                                                               |       |
| Diagnostic microbiology and infectious disease                          | 5     |
| Pediatric allergy and immunology: official publication of the         | 5     |
| European Society of Pediatric Allergy and Immunology                   |       |
| Cutis                                                                  |       |
| Archives of neurology                                                  | 5     |
| Journal of negative results in biomedicine                             | 5     |
| Journal of stroke and cerebrovascular diseases: the official          | 5     |
| journal of National Stroke Association                                 |       |
| European journal of drug metabolism and pharmacokinetics               | 5     |
| Journal of ECT                                                         | 5     |
| AAPS journal                                                           | 5     |
| Journal of the neurological sciences                                   | 5     |
| Journal of chemotherapy (Florence, Italy)                              | 5     |
| Clinical science (London, England: 1979)                               | 5     |
| Canadian journal of cardiology                                        | 5     |
| Journal of traditional Chinese medicine = Chung i tsa chi               | 5     |
| ying wen pan/sponsored by All-China Association of Traditional        |       |
| Chinese Medicine                                                       |       |
| European journal of endocrinology and the American Association of      | 5     |
| Clinical Endocrinologists                                              |       |
| Alzheimer disease and associated disorders                             | 5     |
| Journal of thrombosis and thrombolysis                                 | 5     |
| Parkinsonism and related disorders                                     | 5     |
| Health communication                                                   | 5     |
| Lasers in medical science                                              | 5     |
| Journal of the American Dental Association (1939)                     | 5     |
| International dental journal                                           | 5     |
| Psychiatric services (Washington, DC)                                  | 5     |
| Journal of gastrointestinal surgery: official journal of the Society   | 5     |
| for Surgery of the Alimentary Tract                                   |       |
| Journal of orthopaedics and traumatology: official journal of the     | 5     |
| Italian Society of Orthopaedics and Traumatology                      |       |
| Schizophrenia bulletin                                                 | 5     |
| Clinical and applied thrombosis/hemostasis: official journal of the    | 5     |
| International Academy of Clinical and Applied Thrombosis/Hemostasis   |       |
| European child and adolescent psychiatry                               | 5     |
| Clinics in orthopedic surgery                                          | 5     |
| Particle and fibre toxicology                                          | 5     |
| Drug design, development and therapy                                   | 5     |
| Journal                                               | Count |
|-------------------------------------------------------|-------|
| Physical therapy                                      | 5     |
| Statistics in medicine                                | 5     |
| Journal of interventional cardiology                  | 5     |
| Journal of endodontics                                | 5     |
| Sleep and breathing = Schlaf & Atmung                 | 5     |
| Emotion (Washington, DC)                              | 5     |
| Journal of vascular surgery                           | 5     |
| Middle East journal of anaesthesiology                | 5     |
| European journal of vascular and endovascular surgery: | 5     |
| the official journal of the European Society for Vascular Surgery | 5     |
| Journal of clinical gastroenterology                  | 5     |
| Gynecological endocrinology: the official journal of the International Society of Gynecological Endocrinology | 5     |
| International journal of technology assessment in health care | 5     |
| HIV medicine                                          | 5     |
| Journal of virology                                   | 5     |
| Regional anesthesia and pain medicine                 | 5     |
| Journal of pharmacokinetics and biopharmaceutics      | 4     |
| Resuscitation                                         | 4     |
| Skin pharmacology and physiology                      | 4     |
| Saudi journal of gastroenterology: official journal of the Saudi Gastroenterology Association | 4     |
| Scandinavian journal of rheumatology. Supplement      | 4     |
| Fundamental and clinical pharmacology                 | 4     |
| European journal of preventive cardiology             | 4     |
| Aging and mental health                               | 4     |
| Journal of clinical periodontology                    | 4     |
| Journal of biopharmaceutical statistics               | 4     |
| Health education and behavior: the official publication of the Society for Public Health Education | 4     |
| Journal of dentistry                                  | 4     |
| European radiology                                    | 4     |
| Journal of the American Medical Informatics Association: JAMIA | 4     |
| Journal of studies on alcohol and drugs               | 4     |
| Seminars in arthritis and rheumatism                  | 4     |
| Psychosomatic medicine                                | 4     |
| Circulation. Cardiovascular quality and outcomes      | 4     |
| Palliative medicine                                   | 4     |
| Journal of dental research                            | 4     |
| Journal of immunotherapy (Hagerstown, Md: 1997)      | 4     |
| Medical journal of Australia                          | 4     |
| CMAJ: Canadian Medical Association journal = journal de l’Association medicale canadienne | 4     |
| International archives of allergy and immunology      | 4     |
| Gait and posture                                      | 4     |
| AJNR. American journal of neuroradiology              | 4     |
| Transplantation proceedings                           | 4     |
| Child: care, health and development                   | 4     |

| Journal                                                                 | Count |
|------------------------------------------------------------------------|-------|
| Clinical microbiology and infection: the official publication of the European Society of Clinical Microbiology and Infectious Diseases | 4     |
| International journal of clinical pharmacology, therapy, and toxidology | 4     |
| Journal of abnormal child psychology                                   | 4     |
| Archives of dermatological research                                    | 4     |
| Emergency medicine journal: EMJ                                         | 4     |
| Journal of pediatric endocrinology and metabolism: JPEM                | 4     |
| Clinical lung cancer                                                    | 4     |
| Transplant international: official journal of the European Society for Organ Transplantation | 4     |
| Nutrition, metabolism, and cardiovascular diseases: NMCD                | 4     |
| International journal of epidemiology                                  | 4     |
| Respiratory physiology and neurobiology                                | 4     |
| Journal of cystic fibrosis: official journal of the European Cystic Fibrosis Society | 4     |
| Gynecologic and obstetric investigation                               | 4     |
| European journal of haematology                                       | 4     |
| Journal of diabetes                                                    | 4     |
| Clinical and experimental pharmacology and physiology                  | 4     |
| International journal of psychophysiology: official journal of the International Organization of Psychophysiology | 4     |
| Clinical and experimental hypertension (New York, NY: 1993)            | 4     |
| Allergology international: official journal of the Japanese Society of Allergology | 4     |
| European archives of oto-rhino-laryngology: official journal of the European Federation of Oto-Rhino-Laryngological Societies (EUFOS): affiliated with the German Society for Oto-Rhino-Laryngology—Head and Neck Surgery | 4     |
| Acta psychologica                                                      | 4     |
| Seminars in oncology                                                   | 4     |
| Scandinavian journal of public health                                  | 4     |
| European neurology                                                    | 4     |
| Molecular vision                                                       | 4     |
| Journal of cardiovascular nursing                                      | 4     |
| Infection                                                             | 4     |
| Journal of atherosclerosis and thrombosis                              | 4     |
| Scandinavian journal of medicine and science in sports                 | 4     |
| American journal of geriatric pharmacotherapy                          | 4     |
| International journal of stroke: official journal of the International Stroke Society | 4     |
| Ophthalmologica. Journal international d’ophthalmologie.                | 4     |
| International journal of ophthalmology. Zeitschrift für Augenheilkunde | 4     |
| Journal of the Formosan Medical Association = Taiwan yi zhi             | 4     |
| Journal of cosmetic dermatology                                        | 4     |
| Psychology, health and medicine                                       | 4     |
| International urogynecology journal                                   | 4     |
| American journal of infection control                                  | 4     |
| Journal                                                                 | Count |
|------------------------------------------------------------------------|-------|
| American journal of rhinology and allergy                              | 4     |
| Scandinavian journal of urology and nephrology                         | 4     |
| Techniques in coloproctology                                            | 4     |
| Spine journal: official journal of the North American Spine Society     | 4     |
| Anticancer research                                                     | 4     |
| Journal of cardiovascular pharmacology and therapeutics                 | 4     |
| Blood coagulation and fibrinolysis: an international journal in haemostasis and thrombosis | 4 |
| Annals of thoracic surgery                                              | 4     |
| Lupus                                                                  | 4     |
| Leukemia                                                               | 4     |
| Clinical biomechanics (Bristol, Avon)                                  | 4     |
| European journal of pediatrics                                          | 4     |
| Neuroscience letters                                                    | 4     |
| BMC medical genetics                                                    | 4     |
| Circulation. Arrhythmia and electrophysiology                          | 4     |
| Pain physician                                                          | 4     |
| Rheumatology international                                              | 4     |
| Science (New York, NY)                                                 | 4     |
| Neurobiology of learning and memory                                    | 4     |
| Antiviral research                                                      | 4     |
| Expert opinion on investigational drugs                                | 4     |
| Military medicine                                                       | 4     |
| Oncology reports                                                        | 4     |
| Metabolic syndrome and related disorders                                | 4     |
| Journal of substance abuse treatment                                   | 4     |
| Regulatory toxicology and pharmacology: RTP                            | 4     |
| Brain, behavior, and immunity                                          | 4     |
| Archives of dermatology                                                 | 4     |
| International journal of behavioral medicine                           | 4     |
| Journal of medicinal food                                               | 4     |
| Alcoholism, clinical and experimental research                          | 4     |
| Acta neurochirurgica. Supplement                                       | 4     |
| Current HIV research                                                    | 4     |
| Journal of cardiovascular electrophysiology                            | 4     |
| Clinical rheumatology                                                   | 4     |
| Scandinavian journal of primary health care                             | 4     |
| Journal of physiotherapy                                               | 4     |
| Australian and New Zealand journal of psychiatry                        | 4     |
| Southeast Asian journal of tropical medicine and public health         | 4     |
| JACC. Cardiovascular interventions                                      | 4     |
| Journal of magnetic resonance imaging: JMRI                            | 4     |
| Health technology assessment (Winchester, England)                     | 4     |
| Clinical physiology and functional imaging                             | 4     |
| Regulatory peptides                                                     | 4     |
| Clinical transplantation                                                | 4     |
| European journal of ophthalmology                                      | 4     |
| Journal                                                                 | Count |
|------------------------------------------------------------------------|-------|
| Annals of plastic surgery                                              | 3     |
| CNS spectrums                                                          | 3     |
| Journal of immunology (Baltimore, Md: 1950)                           | 3     |
| Internal medicine (Tokyo, Japan)                                       | 3     |
| Pediatric cardiology                                                   | 3     |
| Analytical chemistry                                                  | 3     |
| Journal of dental hygiene: JDH/American Dental Hygienists’ Association | 3     |
| Postgraduate medical journal                                           | 3     |
| Annals of Saudi medicine                                               | 3     |
| Cutaneous and ocular toxicology                                        | 3     |
| AAPS pharmSci                                                          | 3     |
| Nephrology (Carlton, Vic.)                                            | 3     |
| Archives of gynecology and obstetrics                                  | 3     |
| Familial cancer                                                        | 3     |
| Forschende Komplementärmedizin (2006)                                  | 3     |
| Growth hormone and IGF research: official journal of the Growth Hormone Research Society and the International IGF Research Society | 3     |
| Oxidative medicine and cellular longevity                              | 3     |
| Inflammopharmacology                                                  | 3     |
| Diabetes and metabolism                                               | 3     |
| Medical oncology (Northwood, London, England)                          | 3     |
| European journal of radiology                                          | 3     |
| Canadian respiratory journal: journal of the Canadian Thoracic Society | 3     |
| Journal of supportive oncology                                         | 3     |
| Complementary therapies in medicine                                   | 3     |
| Pharmacogenomics                                                       | 3     |
| Microvascular research                                                 | 3     |
| European archives of psychiatry and clinical neuroscience              | 3     |
| Archives of surgery (Chicago, Ill.: 1960)                             | 3     |
| Endoscopy                                                              | 3     |
| Contact dermatitis                                                     | 3     |
| Lasers in surgery and medicine                                        | 3     |
| European journal of orthodontics                                       | 3     |
| Behavioural pharmacology                                               | 3     |
| Hong Kong medical journal = Xianggang yi xue za zhi/ Hong Kong Academy of Medicine | 3     |
| Journal of clinical microbiology                                       | 3     |
| Journal of nutrition, health and aging                                 | 3     |
| Neurosurgery                                                           | 3     |
| Journal of advanced nursing                                            | 3     |
| Journal of orthopaedic surgery and research                            | 3     |
| Acta anaesthesiologica Belgica                                         | 3     |
| Neurobiology of aging                                                  | 3     |
| International journal of gynecological cancer: official journal of the International Gynecological Cancer Society | 3     |
| AJR. American journal of roentgenology                                | 3     |
| Brain stimulation                                                      | 3     |
| Journal of surgical research                                           | 3     |
| Digestion                                                              | 3     |
| Human brain mapping                                                    | 3     |
| Journal of clinical densitometry: the official journal of the International Society for Clinical Densitometry | 3     |
| Ophthalmic and physiological optics: the journal of the British College of Ophthalmic Opticians (Optometrists) | 3     |
| Journal of infection                                                   | 3     |
| Blood pressure. Supplement                                             | 3     |
| British journal of psychology (London, England: 1953)                 | 3     |
| European journal of oral sciences                                      | 3     |
| Langenbeck’s archives of surgery/Deutsche Gesellschaft für Chirurgie   | 3     |
| Breast journal                                                        | 3     |
| Clinical journal of sport medicine: official journal of the Canadian Academy of Sport Medicine | 3     |
| Indian journal of dermatology, venereology and leprology              | 3     |
| Journal of cerebral blood flow and metabolism: official journal of the International Society of Cerebral Blood Flow and Metabolism | 3     |
| International journal of cosmetic science                              | 3     |
| Annals of neurology                                                    | 3     |
| Journal of the National Cancer Institute. Monographs                  | 3     |
| Prostate cancer and prostatic diseases                                | 3     |
| Congestive heart failure (Greenwich, Conn.)                           | 3     |
| Nature neuroscience                                                    | 3     |
| CNS neuroscience and therapeutics                                      | 3     |
| Chinese medical sciences journal = Chung-kuo i hsüeh k’o hsüeh tsa chih/Chinese Academy of Medical Sciences | 3     |
| Leukemia and lymphoma                                                  | 3     |
| Asia-Pacific journal of clinical oncology                             | 3     |
| Obesity research                                                       | 3     |
| Virology journal                                                       | 3     |
| Melanoma research                                                      | 3     |
| Circulation research                                                   | 3     |
| Biomedical chromatography: BMC                                         | 3     |
| International endodontic journal                                      | 3     |
| Social psychiatry and psychiatric epidemiology                         | 3     |
| American journal of health behavior                                   | 3     |
| European journal of surgical oncology: the journal of the European Society of Surgical Oncology and the British Association of Surgical Oncology | 3     |
| Journal of hypertension. Supplement: official journal of the International Society of Hypertension | 3     |
| Journal of nervous and mental disease                                 | 3     |
| British journal of radiology                                           | 3     |
| Acta tropica                                                           | 3     |
| Inflammation research: official journal of the European Histamine Research Society… [et al.] | 3     |
| Photodermatology, photoimmunology and photomedicine                    | 3     |
| Journal                                                                 | Count |
|-----------------------------------------------------------------------|-------|
| AMIA... Annual Symposium proceedings/AMIA Symposium AMIA Symposium    | 3     |
| Food and chemical toxicology: an international journal published for  | 3     |
| the British Industrial Biological Research Association                |       |
| Scandinavian journal of rheumatology                                  | 3     |
| Studies in health technology and informatics                          | 3     |
| Journal of heart and lung transplantation: the official publication  | 3     |
| of the International Society for Heart Transplantation                |       |
| Amino acids                                                           | 3     |
| Biomarkers: biochemical indicators of exposure, response, and        | 3     |
| susceptibility to chemicals                                           |       |
| Annals of emergency medicine                                          | 3     |
| British journal of clinical practice                                  | 3     |
| Clinical neurophysiology: official journal of the International      | 3     |
| Federation of Clinical Neurophysiology                                |       |
| Infection and immunity                                                | 3     |
| Academic emergency medicine: official journal of the Society for      | 3     |
| Academic Emergency Medicine                                           |       |
| Lipids                                                                | 3     |
| Psychology of addictive behaviors: journal of the Society of         | 3     |
| Psychologists in Addictive Behaviors                                  |       |
| Journal of ethnopharmacology                                          | 3     |
| International journal of hematology                                  | 3     |
| Alcohol and alcoholism (Oxford, Oxfordshire)                         | 3     |
| Archives of sexual behavior                                           | 3     |
| Journal of obesity                                                    | 3     |
| American journal of public health                                     | 3     |
| European journal of pharmaceutics and biopharmaceutics: official      | 3     |
| journal of Arbeitsgemeinschaft für Pharmazeutische                     |       |
| Verfahrenstechnik e.V                                                |       |
| Digestive and liver disease: official journal of the Italian         | 3     |
| Society of Gastroenterology and the Italian Association for the       |       |
| Study of the Liver                                                    |       |
| Influenza and other respiratory viruses                              | 3     |
| Methods and findings in experimental and clinical pharmacology       | 3     |
| American journal of physiology. Renal physiology                     | 3     |
| American journal of clinical oncology                                 | 3     |
| Die Pharmazie                                                        | 3     |
| Shock (Augusta, Ga.)                                                 | 3     |
| Nephron. Clinical practice                                            | 3     |
| Journal of neuro-oncology                                            | 3     |
| Journal of experimental psychology. Learning, memory, and cognition  | 3     |
| CNS drugs                                                             | 3     |
| Journal of physiology                                                | 3     |
| International journal of cardiovascular imaging                       | 3     |
| Pediatric surgery international                                      | 3     |
| Ophthalmic epidemiology                                              | 3     |
| Wiener klinische Wochenschrift                                       | 3     |
| International archives of occupational and environmental health      | 3     |
| Advances in health sciences education: theory and practice            | 3     |
| Cognition                                                            | 3     |
| Acta cardiologica                                                    | 3     |
| Journal of science and medicine in sport/Sports Medicine Australia   | 3     |
| Journal of physiological anthropology                               | 3     |
| Asian journal of andrology                                           | 3     |
| Archives of oral biology                                             | 3     |
| Indian journal of dental research: official publication of          | 3     |
| Indian Society for Dental Research                                   |       |
| Journal of medicinal chemistry                                        | 3     |
| Xenobiotica; the fate of foreign compounds in biological systems     | 3     |
| Drug safety                                                          | 3     |
| Developmental medicine and child neurology                           | 3     |
| Life sciences                                                        | 3     |
| Aesthetic plastic surgery                                            | 3     |
| Journal of laparoendoscopic and advanced surgical techniques, Part A | 3     |
| Cancer immunology, immunotherapy: CII                                | 3     |
| Addiction science and clinical practice                              | 3     |
| Radiology                                                            | 3     |
| Disability and rehabilitation                                        | 3     |
| Pediatric emergency care                                             | 3     |
| Cell metabolism                                                      | 3     |
| Pediatric dermatology                                                | 3     |
| European journal of internal medicine                                | 3     |
| Diseases of the colon and rectum                                     | 3     |
| Archives of gerontology and geriatrics                               | 3     |
| Journal of shoulder and elbow surgery/American Shoulder and Elbow    | 3     |
| Surgeons... [et al.]                                                 |       |
| Medical teacher                                                      | 3     |
| International journal of obstetric anesthesia                        | 3     |
| Alzheimer’s and dementia: the journal of the Alzheimer’s Association | 3     |
| Journal of critical care                                             | 3     |
| Renal failure                                                        | 3     |
| American journal of physiology. Heart and circulatory physiology     | 3     |
| Journal of biomedicine and biotechnology                            | 3     |
| PLoS pathogens                                                       | 3     |
| Cancer nursing                                                       | 3     |
| American journal of emergency medicine                               | 3     |
| Pediatric exercise science                                           | 3     |
| Oral oncology                                                        | 2     |
| International journal of environmental research and public health    | 2     |
| Expert opinion on drug metabolism and toxicology                     | 2     |
| Journal                                                                 | Count |
|------------------------------------------------------------------------|-------|
| Drug testing and analysis                                              | 2     |
| Acta dermato-venereologica                                             | 2     |
| Annals of medicine                                                     | 2     |
| Journal of neurotrauma                                                 | 2     |
| International journal of dental hygiene                                | 2     |
| Ergonomics                                                             | 2     |
| Journal of experimental medicine                                       | 2     |
| World journal of biological psychiatry: the official journal of the    | 2     |
| World Federation of Societies of Biological Psychiatry                 |       |
| Simulation in healthcare: journal of the Society for Simulation in      | 2     |
| Healthcare                                                             |       |
| Current eye research                                                   | 2     |
| Neuroscience                                                           | 2     |
| Neuron                                                                 | 2     |
| Journal of public health (Oxford, England)                            | 2     |
| Hernia: the journal of hernias and abdominal wall surgery              | 2     |
| International immunopharmacology                                       | 2     |
| MedGenMed: Medscape general medicine                                    | 2     |
| PLoS computational biology                                             | 2     |
| European review for medical and pharmacological sciences               | 2     |
| Psychiatry and clinical neurosciences                                  | 2     |
| Journal of acquired immune deficiency syndromes and human retrovirology: official publication of the International Retrovirology Association | 2 |
| Annals of the Academy of Medicine, Singapore                           | 2     |
| European journal of anaesthesiology. Supplement                        | 2     |
| American journal of human biology: the official journal of the Human Biology Council | 2 |
| Wound repair and regeneration: official publication of the Wound Healing Society [and] the European Tissue Repair Society | 2 |
| Catheterization and cardiovascular interventions: official journal of the Society for Cardiac Angiography and Interventions | 2 |
| International journal of neuroscience                                  | 2     |
| Annals of cardiac anaesthesia                                          | 2     |
| Endocrine journal                                                      | 2     |
| Journal of andrology                                                   | 2     |
| Neurosciences (Riyadh, Saudi Arabia)                                  | 2     |
| American journal of drug and alcohol abuse                             | 2     |
| Psychosomatics                                                         | 2     |
| Primary care respiratory journal: journal of the General Practice Airways Group | 2 |
| Journal of abnormal psychology                                         | 2     |
| Drugs under experimental and clinical research                          | 2     |
| Journal of athletic training                                           | 2     |
| Nursing times                                                          | 2     |
| Journal of psychosomatic obstetrics and gynaecology                    | 2     |
| Obesity facts                                                          | 2     |
| Clinical colorectal cancer                                             | 2     |
| Journal of dermatology                                                 | 2     |
| International journal for vitamin and nutrition research.              | 2     |
| Internationale Zeitschrift für Vitamin- und Ernährungsforschung. Journal international de vitaminologie et de nutrition | 2 |
| Pediatric obesity                                                      | 2     |
| Journal of the National Medical Association                            | 2     |
| Journal of health communication                                        | 2     |
| Journal of cutaneous medicine and surgery                             | 2     |
| Child psychiatry and human development                                 | 2     |
| Burns: journal of the International Society for Burn Injuries          | 2     |
| Southern medical journal                                               | 2     |
| Prevention science: the official journal of the Society for Prevention Research | 2 |
| Ocular immunology and inflammation                                     | 2     |
| Caries research                                                        | 2     |
| Canadian journal of gastroenterology = Journal canadien de gastroenterologie | 2 |
| Memory (Hove, England)                                                 | 2     |
| Cancer immunity                                                        | 2     |
| Journal of the American Podiatric Medical Association                  | 2     |
| Paediatrics and international child health                            | 2     |
| International journal of oral science                                 | 2     |
| Danish medical journal                                                 | 2     |
| Journal of investigational allergology and clinical immunology         | 2     |
| Journal of laryngology and otology                                     | 2     |
| British journal of clinical practice. Supplement                       | 2     |
| Chirality                                                              | 2     |
| Motor control                                                          | 2     |
| Diabetes educator                                                      | 2     |
| Journal of back and musculoskeletal rehabilitation                    | 2     |
| Journal of medical screening                                          | 2     |
| Reproductive health                                                    | 2     |
| Chronic respiratory disease                                           | 2     |
| Australian and New Zealand journal of public health                   | 2     |
| Journal of laboratory and clinical medicine                           | 2     |
| Journal of neuro-ophthalmology: the official journal of the North American Neuro-Ophthalmology Society | 2 |
| Optometry and vision science: official publication of the American Academy of Optometry | 2 |
| Quintessence international (Berlin, Germany: 1985)                    | 2     |
| Acta odontologica Scandinavica                                        | 2     |
| Agents and actions. Supplements                                       | 2     |
| Canadian journal of psychiatry. Revue canadienne de psychiatrie        | 2     |
| Journal of inherited metabolic disease                                | 2     |
| Zeitschrift für Gastroenterologie                                      | 2     |
| Transactions of the American Clinical and Climatological Association   | 2     |
| Journal                                                                 | Count |
|------------------------------------------------------------------------|-------|
| Journal of population therapeutics and clinical pharmacology           | 2     |
| = Journal de la thérapeutique des populations et de la pharmacologie clinique |       |
| Korean journal of internal medicine                                    | 2     |
| Pan African medical journal                                            | 2     |
| Journal of obstetrics and gynaecology: the journal of the Institute of Obstetrics and Gynaecology | 2     |
| Nouvelle revue française d’hématologie                                 | 2     |
| Cognitive science                                                       | 2     |
| Journal of sports medicine and physical fitness                         | 2     |
| Croatian medical journal                                               | 2     |
| Hormones (Athens, Greece)                                              | 2     |
| Academic pediatrics                                                     | 2     |
| Translational research: the journal of laboratory and clinical medicine | 2     |
| Psychiatric rehabilitation journal                                      | 2     |
| Respiratory care                                                        | 2     |
| Journal of clinical psychology                                          | 2     |
| International journal of adolescent medicine and health                | 2     |
| Coronary artery disease                                                | 2     |
| Immunopharmacology                                                      | 2     |
| Nucleosides, nucleotides and nucleic acids                             | 2     |
| Journal of obstetrics and gynaecology research                          | 2     |
| Treatments in respiratory medicine                                     | 2     |
| Manual therapy                                                          | 2     |
| Heart disease (Hagerstown, Md.)                                        | 2     |
| Endocrine                                                              | 2     |
| Oncology (Williston Park, NY)                                          | 2     |
| European journal of oncology nursing: the official journal of European Oncology Nursing Society | 2     |
| Journal of wound care                                                  | 2     |
| Taiwanese journal of obstetrics and gynecology                          | 2     |
| Hormones and behavior                                                  | 2     |
| Surgery                                                                | 2     |
| Alternative therapies in health and medicine                           | 2     |
| Therapeutic apheresis and dialysis: official peer-reviewed journal of the International Society for Apheresis, the Japanese Society for Apheresis, the Japanese Society for Dialysis Therapy | 2     |
| Kidney international. Supplement                                       | 2     |
| Research in sports medicine (Print)                                    | 2     |
| Journal of reproductive medicine                                       | 2     |
| Journal of obstetrics and gynaecology Canada                           | 2     |
| Expert review of anticancer therapy                                    | 2     |
| Thyroid: official journal of the American Thyroid Association           | 2     |
| European journal of health economics: HEPAC: health economics in prevention and care | 2     |
| Circulation. Heart failure                                             | 2     |
| Journal of burn care and research: official publication of the American Burn Association | 2     |

| Journal                                                                 | Count |
|------------------------------------------------------------------------|-------|
| Hormone research in paediatrics                                        | 2     |
| Pharmacopidemiology and drug safety                                   | 2     |
| Skinned                                                                | 2     |
| Free radical biology and medicine                                     | 2     |
| Canadian journal of surgery. Journal canadien de chirurgie             | 2     |
| Nature medicine                                                        | 2     |
| BMC medical imaging                                                    | 2     |
| Applied nursing research: ANR                                          | 2     |
| Aging clinical and experimental research                               | 2     |
| International journal of eating disorders                              | 2     |
| Research in developmental disabilities                                 | 2     |
| Oral health and preventive dentistry                                  | 2     |
| International journal for quality in health care: journal of the International Society for Quality in Health Care/ISQua | 2     |
| Neonatology                                                            | 2     |
| Journal of tropical pediatrics                                         | 2     |
| Liver transplantation: official publication of the American Association for the Study of Liver Diseases and the International Liver Transplantation Society | 2     |
| Journal of rheumatology. Supplement                                    | 2     |
| Amyotrophic lateral sclerosis: official publication of the World Federation of Neurology Research Group on Motor Neuron Diseases | 2     |
| British journal of rheumatology                                       | 2     |
| Pakistan journal of biological sciences: PJBS                           | 2     |
| Cleveland Clinic journal of medicine                                  | 2     |
| Diabetes, nutrition and metabolism                                    | 2     |
| General hospital psychiatry                                            | 2     |
| Proceedings of the Nutrition Society                                  | 2     |
| Scandinavian cardiovascular journal: SCJ                               | 2     |
| Zhong xi yi je he xue bao = Journal of Chinese integrative medicine    | 2     |
| Vascular and endovascular surgery                                     | 2     |
| Social cognitive and affective neuroscience                            | 2     |
| Carcinogenesis                                                         | 2     |
| Italian journal of pediatrics                                         | 2     |
| Journal of vascular and interventional radiology: JVIR                | 2     |
| Clinical chemistry                                                     | 2     |
| Canadian family physician Médecin de famille canadien                  | 2     |
| Diseases of the esophagus: official journal of the International Society for Diseases of the Esophagus/L.S.D.E | 2     |
| Journal of aging and physical activity                                | 2     |
| Journal of medical virology                                           | 2     |
| West African journal of medicine                                      | 2     |
| Japanese journal of ophthalmology                                    | 2     |
| International journal of rheumatic diseases                           | 2     |
| Journal of infection and chemotherapy: official journal of the Japan Society of Chemotherapy | 2     |
| Brain research                                                         | 2     |
| Journal of adhesive dentistry                                         | 2     |

△ Adis
| Journal                                                                 | Count |
|------------------------------------------------------------------------|-------|
| Nature                                                                 | 2     |
| Journal of hand surgery                                                | 2     |
| Journal of cosmetic and laser therapy: official publication of the European Society for Laser Dermatology | 2     |
| Leprosy review                                                        | 2     |
| Journal of travel medicine                                            | 2     |
| Dental materials journal                                               | 2     |
| American journal of epidemiology                                       | 2     |
| Cardiac electrophysiology review                                      | 2     |
| American journal of otolaryngology                                    | 2     |
| Female pelvic medicine and reconstructive surgery                     | 2     |
| Pharmacology, biochemistry, and behavior                              | 2     |
| Cancer epidemiology                                                   | 2     |
| Cardiovascular therapeutics                                           | 2     |
| Archives of family medicine                                           | 2     |
| Clinical and developmental immunology                                 | 2     |
| Tobacco control                                                       | 2     |
| Injury                                                                 | 2     |
| Experimental diabetes research                                        | 2     |
| Clinical research in cardiology: official journal of the German Cardiac Society | 2     |
| International journal of public health                                | 2     |
| Onkologie                                                              | 2     |
| Biomedicine and pharmacotherapy = Biomédecine and pharmacothérapie    | 2     |
| Scandinavian journal of infectious diseases                            | 2     |
| Annals of family medicine                                             | 2     |
| Clinical and experimental ophthalmology                               | 2     |
| Brain and cognition                                                   | 2     |
| Journal of immigrant and minority health/Center for Minority Public Health | 2     |
| Primary care diabetes                                                 | 2     |
| Orphanet journal of rare diseases                                     | 2     |
| Clinical and experimental dermatology                                 | 2     |
| Acta neurologica Scandinavica                                         | 2     |
| Drug metabolism and pharmacokinetics                                  | 2     |
| American journal of clinical dermatology                              | 2     |
| Archives of disease in childhood. Fetal and neonatal edition          | 2     |
| Annals of otology, rhinology, and laryngology                         | 2     |
| Acta obstetricia et gynecologica Scandinavica                         | 2     |
| Experimental dermatology                                              | 2     |
| American journal of community psychology                              | 2     |
| Transplant infectious disease: an official journal of the Transplantation Society | 2     |
| International journal of fertility and women’s medicine               | 2     |
| Acta physiologica (Oxford, England)                                   | 2     |
| Clinical neurology and neurosurgery                                   | 2     |
| Health economics                                                      | 2     |
| Drugs and aging                                                       | 2     |
| Women’s health (London, England)                                      | 2     |
| International journal of immunopathology and pharmacology            | 2     |
| JAMA psychiatry                                                       | 2     |
| Neuroepidemiology                                                     | 2     |
| BMC physiology                                                        | 2     |
| Mycoses                                                               | 2     |
| Journal of community health                                           | 2     |
| Pituitary                                                             | 2     |
| International journal of pediatric obesity: IJPO: an official journal of the International Association for the Study of Obesity | 2     |
| Expert review of clinical immunology                                  | 2     |
| Journal of interferon and cytokine research: the official journal of the International Society for Interferon and Cytokine Research | 2     |
| Journal of chromatography. B, Biomedical sciences and applications    | 2     |
| Psychology and aging                                                  | 2     |
| British journal of social psychology/the British Psychological Society | 2     |
| Controlled clinical trials                                            | 2     |
| European journal of physical and rehabilitation medicine             | 2     |
| Digestive endoscopy: official journal of the Japan                    | 2     |
| Gastroenterological Endoscopy Society                                 | 2     |
| Archives of women’s mental health                                     | 2     |
| Cornea                                                                | 2     |
| European addiction research                                           | 2     |
| Journal of Crohn’s and colitis                                        | 2     |
| JPEN, Journal of parenteral and enteral nutrition                     | 2     |
| Annals of noninvasive electrocardiology: the official journal of the International Society for Holter and Noninvasive Electrocardiology, Inc | 2     |
| British journal of oral and maxillofacial surgery                     | 2     |
| Ear, nose, and throat journal                                         | 2     |
| Clinical respiratory journal                                          | 2     |
| Psychological science                                                 | 2     |
| Prostate                                                              | 2     |
| European journal of cardiovascular nursing: journal of the Working Group on Cardiovascular Nursing of the European Society of Cardiology | 2     |
| Journal of clinical virology: the official publication of the Pan American Society for Clinical Virology | 2     |
| Free radical research                                                 | 2     |
| Journal of the International AIDS Society                             | 2     |
| Clinical and translational oncology: official publication of the Federation of Spanish Oncology Societies and of the National Cancer Institute of Mexico | 2     |
| Journal of interventional cardiac electrophysiology: an international journal of arrhythmias and pacing | 2     |
| South African medical journal = Suid-Afrikaanse tydskrif vir geneseskunde | 2     |
| Journal of clinical pediatric dentistry                               | 2     |
| Seminars in hematology                                                | 2     |
| Journal                                                                 | Count |
|------------------------------------------------------------------------|-------|
| BMC microbiology                                                       | 2     |
| Inhalation toxicology                                                  | 2     |
| Journal of psychiatric and mental health nursing                       | 2     |
| Journal of pharmaceutical and biomedical analysis                      | 2     |
| Director (Cincinnati, Ohio)                                            | 2     |
| Eye and contact lens                                                  | 2     |
| Future oncology (London, England)                                      | 2     |
| Journal of cancer research and clinical oncology                       | 2     |
| American journal of orthodontics and dentofacial orthopedics: official publication of the American Association of Orthodontists, its constituent societies, and the American Board of Orthodontics | 2     |
| Clinical nephrology                                                    | 2     |
| Behavioural brain research                                             | 2     |
| Journal of renal nutrition: the official journal of the Council on Renal Nutrition of the National Kidney Foundation | 2     |
| European journal of public health                                      | 2     |
| Surgery, gynecology and obstetrics                                    | 2     |
| Journal of electromyography and kinesiology: official journal of the International Society of Electrophysiological Kinesiology | 2     |
| Pancreas                                                              | 2     |
| International journal of STD and AIDS                                 | 2     |
| Explore (New York, NY)                                                | 2     |
| Pharmacological research: the official journal of the Italian Pharmacological Society | 2     |
| Expert review of cardiovascular therapy                                | 2     |
| Therapeutic advances in respiratory disease                            | 2     |
| Archives of andrology                                                 | 1     |
| Australian journal of rural health                                    | 1     |
| Issues in mental health nursing                                       | 1     |
| Australian dental journal                                             | 1     |
| Acta cirúrgica brasileira/Sociedade Brasileira para Desenvolvimento Pesquisa em Cirurgia | 1     |
| Journal of medicine and life                                           | 1     |
| Skin pharmacology and applied skin physiology                          | 1     |
| Minimally invasive therapy and allied technologies: MITAT: official journal of the Society for Minimally Invasive Therapy | 1     |
| Journal of pediatric psychology                                       | 1     |
| Inflammation and allergy drug targets                                  | 1     |
| Journal of the American College of Surgeons                           | 1     |
| Medical education online                                              | 1     |
| Nature genetics                                                        | 1     |
| Annals of human biology                                               | 1     |
| Journal of neuroscience methods                                         | 1     |
| Archives of cardiovascular diseases                                    | 1     |
| Urology journal                                                       | 1     |
| Journal of health care for the poor and underserved                    | 1     |
| Immunology letters                                                    | 1     |
| ANZ journal of surgery                                                | 1     |

| Journal                                         | Count |
|------------------------------------------------|-------|
| Swiss medical weekly                            | 1     |
| International journal of circumpolar health     | 1     |
| Journal of molecular biology                    | 1     |
| Annals of the Royal College of Surgeons of England | 1     |
| American journal of physiology. Regulatory, integrative and comparative physiology | 1     |
| Developmental neurorehabilitation               | 1     |
| Canadian journal of nursing research = Revue canadienne de recherche en sciences infirmières | 1     |
| Journal of medical microbiology                 | 1     |
| Korean journal of hepatology                    | 1     |
| PM & R: the journal of injury, function, and rehabilitation | 1     |
| Journal of the American Osteopathic Association  | 1     |
| Journal of otolaryngology–head and neck surgery = Le Journal d’oto-rhino-laryngologie et de chirurgie cervico-faciale | 1     |
| Journal of radiological protection: official journal of the Society for Radiological Protection | 1     |
| Surgery for obesity and related diseases: official journal of the American Society for Bariatric Surgery | 1     |
| Aging                                           | 1     |
| Japan journal of nursing science: JJNS          | 1     |
| Developmental science                            | 1     |
| Body image                                       | 1     |
| Journal of women’s health/the official publication of the Society for the Advancement of Women’s Health Research | 1     |
| Journal of the cardiometabolic syndrome          | 1     |
| Journal of perianesthesia nursing: official journal of the American Society of PeriAnesthesia Nurses/American Society of PeriAnesthesia Nurses | 1     |
| International journal of obesity                | 1     |
| Journal of obstetric, gynecologic, and neonatal nursing: JOGNN/NAACOG | 1     |
| Strahlentherapie und Onkologie: Organ der Deutschen Röntgengesellschaft … [et al.] | 1     |
| Journal of cardiovascular medicine (Hagerstown, Md.) | 1     |
| Neuroradiology                                   | 1     |
| Virus research                                   | 1     |
| Journal of invasive cardiology                   | 1     |
| Bratislavské lékárske listy                      | 1     |
| Ultrasound in medicine and biology               | 1     |
| Anxiety, stress, and coping                      | 1     |
| Cyberpsychology and behavior: the impact of the Internet, multimedia and virtual reality on behavior and society | 1     |
| Dental materials: official publication of the Academy of Dental Materials | 1     |
| Journal of sex and marital therapy               | 1     |
| Journal of the renin-angiotensin-aldosterone system: JRAAS             | 1     |
| Journal of the College of Physicians and Surgeons–Pakistan: JCPSP      | 1     |
| Regenerative medicine                            | 1     |
| Journal of palliative medicine                   | 1     |
| Journal                                                                 | Count |
|------------------------------------------------------------------------|-------|
| International journal of rehabilitation research. Internationale Zeitschrift für Rehabilitationsforschung. Revue internationale de recherches de réadaptation | 1     |
| General dentistry                                                      | 1     |
| Nature reviews. Clinical oncology                                      | 1     |
| PLoS biology                                                          | 1     |
| Journal of food science                                                | 1     |
| Teaching and learning in medicine                                     | 1     |
| Clinical implant dentistry and related research                        | 1     |
| Expert review of hematology                                           | 1     |
| Health care for women international                                   | 1     |
| Chronic illness                                                        | 1     |
| Seminars in thrombosis and hemostasis                                  | 1     |
| Noise and health                                                       | 1     |
| Clinical genetics                                                      | 1     |
| Clinical and investigative medicine. Médecine clinique et experimentale | 1     |
| Journal of chromatography                                              | 1     |
| Journal of neuroimmunology                                             | 1     |
| Journal of investigative dermatology                                   | 1     |
| Pathogens and global health                                            | 1     |
| CLAO journal: official publication of the Contact Lens Association of Ophthalmologists, Inc | 1     |
| International journal of social psychiatry                            | 1     |
| Visual neuroscience                                                    | 1     |
| Cardiology in the young                                                | 1     |
| Viral immunology                                                       | 1     |
| Journal of nutritional science and vitaminology                        | 1     |
| Asia-Pacific journal of public health/Asia-Pacific Academic Consortium for Public Health | 1     |
| Journal of electrophysiology                                           | 1     |
| São Paulo medical journal = Revista paulista de medicina              | 1     |
| Spinal cord                                                            | 1     |
| Cancer investigation                                                   | 1     |
| Circulation. Cardiovascular imaging                                   | 1     |
| Wiener medizinische Wochenschrift (1946)                               | 1     |
| Acta paediatrica Scandinavica. Supplement                             | 1     |
| Pediatrics and neonatology                                             | 1     |
| Brazilian oral research                                                | 1     |
| Archives of physiology and biochemistry                               | 1     |
| Vox sanguinis                                                          | 1     |
| Medical engineering and physics                                        | 1     |
| Digestive surgery                                                     | 1     |
| PLoS genetics                                                          | 1     |
| Nitric oxide: biology and chemistry/official journal of the Nitric Oxide Society | 1     |
| Canadian journal of clinical pharmacology = Journal canadien de pharmacologie clinique | 1     |
| QJM: monthly journal of the Association of Physicians                 | 1     |

| Journal                                                                 | Count |
|------------------------------------------------------------------------|-------|
| Surgical laparoscopy, endoscopy and percutaneous techniques            | 1     |
| Journal of tissue viability                                            | 1     |
| Australian journal of primary health                                   | 1     |
| Clinical oral implants research                                         | 1     |
| Clinical imaging                                                       | 1     |
| Aging (Milan, Italy)                                                   | 1     |
| Heart and vessels                                                      | 1     |
| Restorative neurology and neuroscience                                 | 1     |
| Actas españolas de psiquiatría                                         | 1     |
| Asian cardiovascular and thoracic annals                               | 1     |
| Progress in community health partnerships: research, education, and action | 1     |
| Future microbiology                                                    | 1     |
| Canadian journal of cardiovascular nursing = Journal canadien en soins infirmiers cardio-vasculaires | 1     |
| Journal of virological methods                                         | 1     |
| Pediatric transplantation                                              | 1     |
| Clinical prostate cancer                                               | 1     |
| Theoretical biology and medical modelling                              | 1     |
| Journal of neurointerventional surgery                                | 1     |
| Molecular imaging and biology: MIB: the official publication of the Academy of Molecular Imaging | 1     |
| Odontology/the Society of the Nippon Dental University                 | 1     |
| Current opinion in HIV and AIDS                                       | 1     |
| Expert review of respiratory medicine                                  | 1     |
| Journal of oral science                                                | 1     |
| International journal of sports physiology and performance             | 1     |
| BMC medical genomics                                                  | 1     |
| Acta chirurgica Belgica                                                | 1     |
| Journal of voice: official journal of the Voice Foundation             | 1     |
| BioMed research international                                          | 1     |
| Pediatric neurology                                                   | 1     |
| Orthopedic nursing                                                    | 1     |
| Journal of dental education                                            | 1     |
| American journal of human genetics                                     | 1     |
| Virology                                                               | 1     |
| Epidemiology (Cambridge, Mass.)                                       | 1     |
| Physiotherapy research international: the journal for researchers and clinicians in physical therapy | 1     |
| Clinical and experimental immunology                                   | 1     |
| Psicothema                                                             | 1     |
| International journal of medical informatics                           | 1     |
| Asian journal of surgery/Asian Surgical Association                   | 1     |
| Behavioural processes                                                 | 1     |
| Inflammation                                                           | 1     |
| Journal of pharmacological sciences                                   | 1     |
| Drug and alcohol review                                                | 1     |
| Magma (New York, NY)                                                  | 1     |
| Education for health (Abingdon, England)                              | 1     |

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| Journal                                                                 | Count |
|-----------------------------------------------------------------------|-------|
| Journal of orthopaedic research: official publication of the Orthopaedic Research Society | 1     |
| European journal of nuclear medicine                                   | 1     |
| Cerebellum (London, England)                                           | 1     |
| International surgery                                                  | 1     |
| Journal of nutritional biochemistry                                   | 1     |
| Journal of perinatal medicine                                         | 1     |
| Cell stress and chaperones                                             | 1     |
| Somatosensory and motor research                                      | 1     |
| Cell biochemistry and biophysics                                       | 1     |
| International journal of clinical pharmacy                            | 1     |
| Tumour biology: the journal of the International Society for Oncodevelopmental Biology and Medicine | 1     |
| Acta neurochirurgica                                                  | 1     |
| Archives of pathology and laboratory medicine                          | 1     |
| Journal of orthopaedic science: official journal of the Japanese Orthopaedic Association | 1     |
| Tuberculosis (Edinburgh, Scotland)                                    | 1     |
| American review of respiratory disease                                | 1     |
| Journal of trace elements in medicine and biology: organ of the Society for Minerals and Trace Elements (GMS) | 1     |
| Journal of health economics                                           | 1     |
| European journal of esthetic dentistry: official journal of the European Academy of Esthetic Dentistry | 1     |
| Personality and social psychology bulletin                            | 1     |
| Early human development                                               | 1     |
| Zentralblatt für Gynäkologie                                          | 1     |
| Nutrition and cancer                                                  | 1     |
| Nutritional neuroscience                                              | 1     |
| Child development                                                     | 1     |
| Experimental and toxicologic pathology: official journal of the Gesellschaft für Toxikologische Pathologie | 1     |
| Reviews of infectious diseases                                         | 1     |
| Journal of periodontal research                                       | 1     |
| Health promotion international                                         | 1     |
| Journal of rehabilitation research and development                    | 1     |
| Quality in health care: QHC                                            | 1     |
| Internal medicine journal                                             | 1     |
| Chronobiology international                                           | 1     |
| Economics and human biology                                           | 1     |
| Kurume medical journal                                                | 1     |
| Journal of trauma                                                     | 1     |
| Phlebology/Venous Forum of the Royal Society of Medicine              | 1     |
| Annali italiani di chirurgia                                          | 1     |
| Documenta ophthalmologica. Advances in ophthalmology                  | 1     |
| Neuro endocrinology letters                                           | 1     |
| Annals of human genetics                                              | 1     |
| Eating and weight disorders: EWD                                       | 1     |
| Journal of postgraduate medicine                                     | 1     |
| Journal of vestibular research: equilibrium and orientation           | 1     |

| Journal                                                                 | Count |
|-----------------------------------------------------------------------|-------|
| Drug development and industrial pharmacy                              | 1     |
| International journal of clinical practice. Supplement                | 1     |
| Reviews on recent clinical trials                                     | 1     |
| Medicine and sport science                                            | 1     |
| Oncology nursing forum                                               | 1     |
| Journal of psychiatric practice                                       | 1     |
| Sexual health                                                         | 1     |
| Promotion and education                                               | 1     |
| International journal of pediatric otorhinolaryngology                | 1     |
| Journal of psycholinguistic research                                  | 1     |
| Journal of urban health: bulletin of the New York Academy of Medicine  | 1     |
| Acta haematologica                                                    | 1     |
| GMS Zeitschrift für medizinische Ausbildung                           | 1     |
| Revista panamericana de salud pública = Pan American journal of public health | 1     |
| Journal of communication disorders                                    | 1     |
| Brain and language                                                    | 1     |
| Eating behaviors                                                      | 1     |
| Statistical methods in medical research                               | 1     |
| Contributions to nephrology                                           | 1     |
| British heart journal                                                | 1     |
| Joint Commission journal on quality improvement                      | 1     |
| European archives of paediatric dentistry: official journal of the European Academy of Paediatric Dentistry | 1     |
| Journal of neuroscience nursing: journal of the American Association of Neuroscience Nurses | 1     |
| Psychotherapy (Chicago, Ill.)                                         | 1     |
| Urological research                                                   | 1     |
| Quality and safety in health care                                     | 1     |
| Angiology                                                             | 1     |
| Behavior therapy                                                      | 1     |
| Dysphagia                                                             | 1     |
| Expert opinion on drug delivery                                      | 1     |
| Arthritis care and research: the official journal of the Arthritis Health Professions Association | 1     |
| Compendium of continuing education in dentistry. (Jamesburg, NJ: 1995). Supplement | 1     |
| Journals of gerontology. Series B, Psychological sciences and social sciences | 1     |
| Behavioural and cognitive psychotherapy                               | 1     |
| Physician and sportsmedicine                                          | 1     |
| Experimental cell research                                           | 1     |
| Nigerian journal of medicine: journal of the National Association of Resident Doctors of Nigeria | 1     |
| Journal of nuclear cardiology: official publication of the American Society of Nuclear Cardiology | 1     |
| International journal of oncology                                    | 1     |
| Journal of hand surgery, European volume                             | 1     |
| Epileptic disorders: international epilepsy journal with videotape    | 1     |
| Journal                                                                 | Count |
|------------------------------------------------------------------------|-------|
| Journal of immunoassay                                                  | 1     |
| Otology and neurotology: official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology | 1     |
| Aviation, space, and environmental medicine                             | 1     |
| Journal of pain and palliative care pharmacotherapy                     | 1     |
| Molecular cancer therapeutics                                           | 1     |
| Gerontology                                                            | 1     |
| Neurological sciences: official journal of the Italian Neurological Society and of the Italian Society of Clinical Neurophysiology | 1     |
| Toxicology and applied pharmacology                                     | 1     |
| Tissue antigens                                                        | 1     |
| Culture, health and sexuality                                           | 1     |
| Gastroentérologie clinique et biologique                                | 1     |
| Clinical and experimental nephrology                                    | 1     |
| European journal of general practice                                    | 1     |
| British dental journal                                                  | 1     |
| Journal of adolescence                                                 | 1     |
| Molecular pain                                                          | 1     |
| American journal of medical quality: the official journal of the American College of Medical Quality | 1     |
| Maternal and child nutrition                                            | 1     |
| Acta myologica: myopathies and cardiomyopathies: official journal of the Mediterranean Society of Myology/edited by the Gaetano Conte Academy for the study of striated muscle diseases | 1     |
| Bulletin of Tokyo Dental College                                        | 1     |
| American journal on addictions/American Academy of Psychiatrists in Alcoholism and Addictions | 1     |
| Journal of clinical child and adolescent psychology: the official journal for the Society of Clinical Child and Adolescent Psychology, American Psychological Association, Division 53 | 1     |
| Molecular medicine (Cambridge, Mass.)                                   | 1     |
| Transfusion and apheresis science: official journal of the World Apheresis Association: official journal of the European Society for Haemapheresis | 1     |
| Journal of molecular neuroscience: MN                                  | 1     |
| Musculoskeletal care                                                    | 1     |
| Journal of the Association for Research in Otolaryngology: JARO         | 1     |
| Physiotherapy                                                           | 1     |
| Journal of immunological methods                                        | 1     |
| Evaluation review                                                       | 1     |
| Current drug delivery                                                  | 1     |
| Journal of the Acoustical Society of America                            | 1     |
| International journal of biological sciences                            | 1     |
| Current cardiology reports                                             | 1     |
| Herz                                                                   | 1     |
| Journal of biomechanics                                                | 1     |
| Statistical applications in genetics and molecular biology              | 1     |
| International orthodontics/Colle`ge europ`een d’orthodontie             | 1     |
| Journal of clinical investigation                                       | 1     |
| Zeitschrift für Rheumatologie                                           | 1     |
| International journal for equity in health                             | 1     |
| Journal of applied microbiology                                         | 1     |
| Journal of forensic sciences                                           | 1     |
| La Clinica terapeutica                                                 | 1     |
| Journal of wound, ostomy, and continence nursing: official publication of the Wound, Ostomy and Continence Nurses Society/WOCN | 1     |
| Journal of health services research and policy                          | 1     |
| Journal of minimally invasive gynecology                               | 1     |
| Annals of hematology                                                   | 1     |
| BMC immunology                                                         | 1     |
| Orthopaedics and traumaology, surgery and research: OTSR                | 1     |
| Current opinion in investigational drugs (London, England: 2000)       | 1     |
| Journal of neurosurgery                                                | 1     |
| Irish journal of medical science                                       | 1     |
| Cognitive, affective and behavioral neuroscience                        | 1     |
| Current opinion in pharmacology                                        | 1     |
| Journal of microbiology, immunology, and infection = Wei mian yu gan ran za zhi | 1     |
| Brain research bulletin                                                | 1     |
| Saudi journal of kidney diseases and transplantation: an official publication of the Saudi Center for Organ Transplantation, Saudi Arabia | 1     |
| Journal of nuclear medicine: official publication, Society of Nuclear Medicine | 1     |
| Journal of dietary supplements                                         | 1     |
| Journal of Ayub Medical College, Abbottabad: JAMC                      | 1     |
| Haemophilia: the official journal of the World Federation of Hemophilia | 1     |
| Scandinavian journal of surgery: SJS: official organ for the Finnish Surgical Society and the Scandinavian Surgical Society | 1     |
| Journal of clinical and experimental neuropsychology                   | 1     |
| Ambulatory pediatrics: the official journal of the Ambulatory Pediatric Association | 1     |
| Journal of pharmacological and toxicological methods                    | 1     |
| Proceedings. Biological sciences/the Royal Society                      | 1     |
| Neurocritical care                                                     | 1     |
| Biochemical pharmacology                                               | 1     |
| Anxiety                                                                | 1     |
| Nature clinical practice. Cardiovascular medicine                      | 1     |
| Journal of vector borne diseases                                       | 1     |
| Journal of epidemiology and biostatistics                              | 1     |
| Academic medicine: journal of the Association of American Medical Colleges | 1     |
| Blood transfusion = Trasfusione del sangue                             | 1     |
| Journal                                                                 | Count |
|------------------------------------------------------------------------|-------|
| JACC, Cardiovascular imaging                                           | 1     |
| Journal of health psychology                                           | 1     |
| Journal of traumatic stress                                            | 1     |
| Indian journal of cancer                                               | 1     |
| Indian journal of pharmacology                                         | 1     |
| Cancer discovery                                                       | 1     |
| Addiction biology                                                      | 1     |
| Health promotion journal of Australia: official journal of Health       | 1     |
| Pediatric critical care medicine: a journal of the Society of Critical | 1     |
| Care Medicine and the World Federation of Pediatric Intensive and      | 1     |
| Critical Care Societies                                                |       |
| Clinical and experimental optometry: journal of the Australian          | 1     |
| Optometrical Association                                               |       |
| Journal of pediatric and adolescent gynecology                         | 1     |
| Journal of integrative medicine                                       | 1     |
| Occupational medicine (Oxford, England)                                | 1     |
| Marine drugs                                                           | 1     |
| Annals of anatomy = Anatomischer Anzeiger: official organ of the       | 1     |
| Anatomische Gesellschaft                                               |       |
| German medical science: GMS e-journal                                 | 1     |
| American journal of the medical sciences                               | 1     |
| Nordic journal of psychiatry                                          | 1     |
| European journal of cancer prevention: the official journal of the    | 1     |
| European Cancer Prevention Organisation (ECP)                          |       |
| Pediatric blood and cancer                                            | 1     |
| Physiotherapy theory and practice                                      | 1     |
| European journal of echocardiography: the journal of the Working      | 1     |
| Group on Echocardiography of the European Society of Cardiology       |       |
| Journal of acupuncture and meridian studies                            | 1     |
| Journal of Zhejiang University. Science. B                             | 1     |
| Journal of neuroinflammation                                          | 1     |
| European journal of paediatric dentistry: official journal of the     | 1     |
| European Academy of Paediatric Dentistry                              |       |
| Annals of ophthalmology                                               | 1     |
| Health and place                                                       | 1     |
| Academic radiology                                                     | 1     |
| Drugs of today (Barcelona, Spain: 1998)                               | 1     |
| African journal of medicine and medical sciences                       | 1     |
| Minerva stomatologica                                                 | 1     |
| International journal of food sciences and nutrition                   | 1     |
| Rejuvenation research                                                  | 1     |
| Journal of cancer survivorship: research and practice                  | 1     |
| Substance use and misuse                                              | 1     |
| Food and nutrition bulletin                                            | 1     |
| Journal of applied biomechanics                                       | 1     |
| Australian endodontic journal: the journal of the Australian Society   | 1     |
| of Endodontology Inc                                                  |       |
| Paediatric and perinatal epidemiology                                 | 1     |
| Journal of musculoskeletal and neuronal interactions                   | 1     |

| Journal                                                                 | Count |
|------------------------------------------------------------------------|-------|
| Journal of managed care pharmacy: JMCP                                 | 1     |
| Liver international: official journal of the International Association | 1     |
| for the Study of the Liver                                             |       |
| Head and neck                                                          | 1     |
| Journal of refractive surgery (Thorofare, NJ: 1995)                    | 1     |
| Biological trace element research                                      | 1     |
| Acta medica Iranica                                                    | 1     |
| Current biology: CB                                                    | 1     |
| Mental health services research                                        | 1     |
| Perfusion                                                              | 1     |
| Journal of clinical monitoring and computing                           | 1     |
| Kidney and blood pressure research                                     | 1     |
| Biometrics                                                             | 1     |
| JAMA internal medicine                                                 | 1     |
| SADJ: journal of the South African Dental Association = tydskrif van   | 1     |
| die Suid-Afrikaanse Tandheelkundige Vereniging                         |       |
| International journal of language and communication disorders/Royal    | 1     |
| College of Speech and Language Therapists                             |       |
| Emerging infectious diseases                                           | 1     |
| Journal of visualized experiments: JoVE                                 | 1     |
| Heart and lung: the journal of critical care                           | 1     |
| Public health                                                          | 1     |
| Archives of Iranian medicine                                           | 1     |
| Hospital practice (1995)                                               | 1     |
| International journal of clinical and experimental pathology           | 1     |
| Parasitology research                                                  | 1     |
| Biological research for nursing                                        | 1     |
| Journal of pregnancy                                                  | 1     |
| Clinical and experimental medicine                                     | 1     |
| Bulletin of the World Health Organization                             | 1     |
| Clinical psychology and psychotherapy                                  | 1     |
| Immunopharmacology and immunotoxicology                                | 1     |
| Archives of virology                                                  | 1     |
| Journal of maternal-fetal and neonatal medicine: the official journal  | 1     |
| of the European Association of Perinatal Medicine, the Federation of  |       |
| Asia and Oceania Perinatal Societies, the International Society of     |       |
| Perinatal Obstetricians                                               |       |
| Australasian journal of dermatology                                   | 1     |
| Vascular medicine (London, England)                                    | 1     |
| International journal on drug policy                                  | 1     |
| Journal of orofacial pain                                             | 1     |
| British journal of community nursing                                  | 1     |
| Journal of rural health: official journal of the American Rural Health | 1     |
| Association and the National Rural Health Care Association             |       |
| Anesthesia progress                                                    | 1     |
| Journal of preventive medicine and hygiene                            | 1     |
| Preventing chronic disease                                            | 1     |
| Journal of craniofacial surgery                                       | 1     |
| Journal                                                                 | Count |
|------------------------------------------------------------------------|-------|
| Indian journal of physiology and pharmacology                          | 1     |
| Canadian journal of urology                                            | 1     |
| Experimental psychology                                                | 1     |
| Journal of family psychology: JFP; journal of the Division of Family Psychology of the American Psychological Association (Division 43) | 1     |
| European journal of epidemiology                                       | 1     |
| Behavior modification                                                  | 1     |
| Research quarterly for exercise and sport                              | 1     |
| Endocrine-related cancer                                               | 1     |
| Journal of the American Optometric Association                         | 1     |
| Cancer science                                                         | 1     |
| Journal of steroid biochemistry and molecular biology                  | 1     |
| Journal of pediatric ophthalmology and strabismus                      | 1     |
| Blood reviews                                                          | 1     |
| Scandinavian journal of immunology                                     | 1     |
| International nursing review                                           | 1     |
| International journal of audiology                                    | 1     |
| [Nihon koshu eisei zasshi] Japanese journal of public health           | 1     |
| Journal of emergency medicine                                          | 1     |
| Journal of neurological surgery. Part A, Central European neurosurgery  | 1     |
| Western journal of nursing research                                    | 1     |
| Eastern Mediterranean health journal = La revue de santé de la Méditerranée orientale = al-Majallah al-ṣiḥḥiyah il-sharq al-mutawassiṣ | 1     |
| American journal of medical genetics. Part A                           | 1     |
| Hip international: the journal of clinical and experimental research on hip pathology and therapy | 1     |
| Urologic clinics of North America                                     | 1     |
| Ophthalmic surgery, lasers and imaging: the official journal of the International Society for Imaging in the Eye | 1     |
| Middle East African journal of ophthalmology                          | 1     |
| Parasites and vectors                                                  | 1     |
| Nigerian journal of clinical practice                                  | 1     |
| Canadian journal of physiology and pharmacology                        | 1     |
| Perceptual and motor skills                                            | 1     |
| Iranian journal of kidney diseases                                     | 1     |
| Molecular cancer                                                       | 1     |
| Topics in stroke rehabilitation                                       | 1     |
| Frontiers of radiation therapy and oncology                            | 1     |
| Evaluation and the health professions                                 | 1     |
| Comprehensive psychiatry                                               | 1     |
| IEEE transactions on biomedical engineering                            | 1     |
| Pharmacy world and science: PWS                                        | 1     |
| International journal of andrology                                    | 1     |
| Drug research                                                          | 1     |
| New Zealand medical journal                                           | 1     |
| Journal of learning disabilities                                      | 1     |
| Clinical neuroradiology                                               | 1     |
| Revista brasileira de psiquiatria (São Paulo, Brazil: 1999)            | 1     |
| World journal of pediatrics: WJP                                       | 1     |
| Naunyn-Schmiedeberg’s archives of pharmacology                         | 1     |
| Journal of knee surgery                                                | 1     |
| Global journal of health science                                      | 1     |
| NMR in biomedicine                                                    | 1     |
| Journal of muscle research and cell motility                           | 1     |
| British journal of diseases of the chest                               | 1     |
| African health sciences                                                | 1     |
| Cardiovascular and interventional radiology                            | 1     |
| Scientific reports                                                    | 1     |
| Computers, informatics, nursing: CIN                                   | 1     |
| Bone and joint journal                                                | 1     |
| Journal of the Medical Library Association: JMLA                       | 1     |
| Memory and cognition                                                  | 1     |
| Journal of the International Association of Physicians in AIDS Care (Chicago, Ill.: 2002) | 1     |
| Public health reports (Washington, DC: 1974)                          | 1     |
| HPB: the official journal of the International Hepato Pancreato Biliary Association | 1     |
| European journal of pharmacology                                      | 1     |
| American journal of psychology                                         | 1     |
| Biological and pharmaceutical bulletin                                 | 1     |
| Hepatobiliary and pancreatic diseases international: HBPD INT         | 1     |
| Journal of renal care                                                  | 1     |
| Pain research and management: the journal of the Canadian Pain Society = journal de la société canadienne pour le traitement de la douleur | 1     |
| Journal of hand therapy: official journal of the American Society of Hand Therapists | 1     |
| Artificial cells, blood substitutes, and immobilization biotechnology  | 1     |
| Congenital heart disease                                              | 1     |
| Human fertility (Cambridge, England)                                   | 1     |
| British journal of hospital medicine                                  | 1     |
| Survey of ophthalmology                                               | 1     |
| Journal of orthopaedic surgery (Hong Kong)                            | 1     |
| Journal of neurochemistry                                             | 1     |
| Journal of epidemiology/Japan Epidemiological Association             | 1     |
| Neurological research                                                 | 1     |
| Medicinski arhiv                                                      | 1     |
| Neuromuscular disorders: NMD                                           | 1     |
| Behavioral medicine (Washington, DC)                                  | 1     |
| Journal of public health management and practice: JPHMP                | 1     |
| International journal of nanomedicine                                 | 1     |
| Arquivos de gastroenterologia                                         | 1     |
| American journal of industrial medicine                               | 1     |
| American journal of orthopedics (Belle Mead, NJ)                      | 1     |
| Indian journal of public health                                       | 1     |
| Journal                                                                 | Count |
|------------------------------------------------------------------------|-------|
| Food and function                                                       | 1     |
| Journal of cardiology                                                  | 1     |
| Neuroscience research                                                  | 1     |
| Amyotrophic lateral sclerosis and other motor neuron disorders: official publication of the World Federation of Neurology, Research Group on Motor Neuron Diseases | 1     |
| Indian journal of gastroenterology: official journal of the Indian Society of Gastroenterology | 1     |
| Journal of agricultural and food chemistry                             | 1     |
| Child abuse and neglect                                                | 1     |
| Annals of transplantation: quarterly of the Polish Transplantation Society | 1     |
| Journal of geriatric psychiatry and neurology                          | 1     |
| Current atherosclerosis reports                                       | 1     |
| Future cardiology                                                      | 1     |
| Acta oto-laryngologica                                                | 1     |
| Hormone and metabolic research. Supplement series                      | 1     |
| Journal of palliative care                                            | 1     |
| Medical archives (Sarajevo, Bosnia and Herzegovina)                   | 1     |
| European journal of neuroscience                                       | 1     |
| Australian family physician                                           | 1     |
| Bosnian journal of basic medical sciences/\Udruženje basičnih medicinskih znanosti = Association of Basic Medical Sciences | 1     |
| Culture, medicine and psychiatry                                       | 1     |
| Journal of clinical rheumatology: practical reports on rheumatic and musculoskeletal diseases | 1     |
| Medical mycology                                                       | 1     |
| Child neuropsychology: a journal on normal and abnormal development in childhood and adolescence | 1     |
| International journal of biological markers                           | 1     |
| Human genomics                                                        | 1     |
| Gut microbes                                                           | 1     |
| Neurotoxicology                                                        | 1     |
| Rhinology                                                              | 1     |
| Journal of agricultural safety and health                              | 1     |
| Journal of human nutrition and dietetics: the official journal of the British Dietetic Association | 1     |
| International journal of periodontics and restorative dentistry       | 1     |
| Journal of cardiovascular surgery                                      | 1     |
| Journal of physiology and pharmacology: an official journal of the Polish Physiological Society | 1     |
| Chemico-biological interactions                                       | 1     |
| Journal of clinical pathology                                         | 1     |
| Tropical gastroenterology: official journal of the Digestive Diseases Foundation | 1     |
| Dermatologica                                                          | 1     |
| American journal of Chinese medicine                                  | 1     |
| Molecular aspects of medicine                                          | 1     |
| Seizure                                                                | 1     |
| Behavioral neuroscience                                                | 1     |

| Journal                                                                 | Count |
|------------------------------------------------------------------------|-------|
| Alcohol research and health: the journal of the National Institute on Alcohol Abuse and Alcoholism | 1     |
| International braz j urol: official journal of the Brazilian Society of Urology | 1     |
| British journal of neurosurgery                                        | 1     |
| Acta neurologica Scandinavica. Supplementum                            | 1     |
| Journal of psychosocial oncology                                       | 1     |
| Journal of child and adolescent psychiatric nursing: official publication of the Association of Child and Adolescent Psychiatric Nurses, Inc | 1     |
| Journal of investigative and clinical dentistry                        | 1     |
| Medicine                                                               | 1     |
| Journal of surgical oncology                                           | 1     |
| Medical microbiology and immunology                                    | 1     |
| Clinical biochemistry                                                  | 1     |
| Neurology India                                                       | 1     |
| Skin therapy letter                                                   | 1     |
| International journal of tuberculosis and lung disease: the official journal of the International Union against Tuberculosis and Lung Disease | 1     |
| Minerva chirurgica                                                    | 1     |
| Biochimia medica                                                      | 1     |
| Neuromolecular medicine                                               | 1     |
| Scandinavian journal of psychology                                    | 1     |
| Acta radiologica (Stockholm, Sweden: 1987)                             | 1     |
| Urologic oncology                                                     | 1     |
| Work (Reading, Mass.)                                                 | 1     |
| American journal of perinatology                                      | 1     |
| Community mental health journal                                       | 1     |
| American journal of physiology. Lung cellular and molecular physiology | 1     |
| Psychonomic bulletin and review                                       | 1     |
| Genome biology                                                        | 1     |
| Cardiology journal                                                    | 1     |
| Current clinical pharmacology                                         | 1     |
| European journal of histochemistry: EJH                               | 1     |
| New York state dental journal                                         | 1     |
| Nephron                                                               | 1     |
| Cancer journal (Sudbury, Mass.)                                       | 1     |
| International journal of urology: official journal of the Japanese Urological Association | 1     |
| Scandinavian cardiovascular journal. Supplement                       | 1     |
| Cognitive processing                                                 | 1     |
| Medical principles and practice: international journal of the Kuwait University, Health Science Centre | 1     |
| Journal of hospital infection                                         | 1     |
| Cytokine                                                              | 1     |
| Evolutionary psychology: an international journal of evolutionary approaches to psychology and behavior | 1     |
| Journal of the Pakistan Medical Association                          | 1     |
| Seminars in speech and language                                       | 1     |
## Appendix 4: List of adjectives considered relevant and number of articles in which they were used

| Word            | Count |
|-----------------|-------|
| Significant     | 6,047 |
| Similar         | 3,402 |
| Effective       | 2,677 |
| Important       | 1,269 |
| Severe          | 1,134 |
| Major           | 1,120 |
| Moderate        | 1,100 |
| Long-term       | 1,097 |
| Comparable      | 999   |
| Mild            | 943   |
| Serious         | 917   |
| Safe            | 838   |
| Consistent      | 804   |
| Usual           | 718   |
| Relevant        | 705   |
| Good            | 562   |
| Conventional    | 537   |
| Complete        | 493   |
| Poor            | 471   |
| Potent          | 435   |
| Useful          | 432   |
| Appropriate     | 355   |
| Apparent        | 350   |
| Efficacious     | 347   |
| Meaningful      | 345   |
| Intensive       | 345   |
| Substantial     | 337   |
| Unchanged       | 337   |
| Successful      | 337   |
| Improved        | 325   |
| Acceptable      | 315   |
| Necessary       | 295   |
| Well tolerated  | 287   |
| Favorable       | 279   |
| Strong          | 271   |
| Modest          | 257   |
| Novel           | 256   |
| Adequate        | 241   |
| Promising       | 240   |
| Validated       | 235   |
| Simple          | 229   |
| Minor           | 225   |
| Equal           | 224   |
| Difficult       | 223   |
| Traditional     | 215   |
| Word               | Count | Word               | Count |
|-------------------|-------|-------------------|-------|
| Feasible          | 210   | Thorough          | 56    |
| Essential         | 207   | Established       | 56    |
| Cost-effective    | 198   | Preferred         | 55    |
| Protective        | 192   | Numerous          | 55    |
| Inadequate        | 190   | Formal            | 54    |
| Enhanced          | 189   | Crucial           | 54    |
| Evident           | 185   | Marginal          | 54    |
| Comprehensive     | 175   | Prominent         | 53    |
| Reliable          | 168   | Inconsistent      | 52    |
| Sufficient        | 166   | Viable            | 52    |
| Evidence-based    | 155   | Widespread        | 51    |
| Robust            | 155   | Negligible        | 50    |
| Unlikely          | 146   | Strongest         | 49    |
| Efficient         | 144   | Reasonable        | 49    |
| Excellent         | 140   | Harmful           | 49    |
| Mild-to-moderate  | 131   | Notable           | 49    |
| Extensive         | 130   | Inconclusive      | 49    |
| Unexpected        | 129   | Pivotal           | 48    |
| Considerable      | 128   | Expensive         | 48    |
| Valid             | 124   | Detrimental       | 47    |
| Faster            | 111   | Unnecessary       | 47    |
| Favourable        | 110   | Definite          | 46    |
| Stronger          | 108   | Superficial       | 46    |
| Fast              | 105   | Putative          | 46    |
| Detectable        | 104   | Ineffective       | 46    |
| Inferior          | 102   | Hard              | 45    |
| Responsible       | 101   | Profound          | 44    |
| Valuable          | 98    | Precise           | 44    |
| Pronounced        | 94    | Inexpensive       | 44    |
| Non-significant   | 87    | Insignificant     | 44    |
| Definitive        | 83    | Urgent            | 44    |
| Weak              | 82    | Desirable         | 43    |
| Conservative      | 82    | Ideal             | 42    |
| Excessive         | 82    | Probable          | 42    |
| Controversial     | 78    | Problematic       | 42    |
| Poorer            | 77    | Sustainable       | 41    |
| Uncertain         | 76    | Non-specific      | 41    |
| Suboptimal        | 75    | Vigorous          | 39    |
| Satisfactory      | 74    | Inappropriate     | 39    |
| Non-significant   | 74    | Long-lasting      | 38    |
| Easy              | 72    | Unacceptable      | 38    |
| Convenient        | 69    | Extreme           | 35    |
| Correct           | 69    | Unfavorable       | 34    |
| Theoretical       | 68    | Non-specific      | 34    |
| Empirical         | 67    | Synergistic       | 34    |
| Costly            | 63    | Theory-based      | 34    |
| Attractive        | 61    | Challenging       | 33    |
| Tolerable         | 57    | Obvious           | 33    |
| Word          | Count |
|--------------|-------|
| Unhealthy    | 32    |
| Classical    | 32    |
| Fundamental  | 32    |
| Classic      | 30    |
| Powerful     | 30    |
| Universal    | 30    |
| Interesting  | 30    |
| Nominal      | 30    |
| Encouraging  | 29    |
| Low-risk     | 28    |
| Suspected    | 28    |
| Well known   | 28    |
| Opportunistic| 26    |
| Safer        | 25    |
| Submaximal   | 25    |
| Plausible    | 24    |
| Confirmatory | 24    |
| Preferable   | 24    |
| Diminished   | 24    |
| Easier       | 23    |
| Fair         | 23    |
| Advantageous | 23    |
| Weaker       | 22    |
| Suggestive   | 22    |
| Informative  | 22    |
| Unsuccessful | 22    |
| Remarkable   | 21    |
| Risky        | 21    |
| Unexplained  | 21    |
| Conclusive   | 21    |
| Proven       | 20    |
| Disadvantaged| 19    |
| High-quality | 19    |
| Preferential | 19    |
| Stringent    | 19    |
| Hazardous    | 19    |
| Convincing   | 18    |
| Dramatic     | 18    |
| Incorrect    | 18    |
| Well established | 18  |
| Devastating  | 17    |
| Unpleasant   | 17    |
| Confident    | 17    |
| Very         | 17    |
| Intolerable  | 17    |
| Undesirable  | 17    |
| Disappointing| 16    |
| Counterbalanced | 16 |

| Word             | Count |
|------------------|-------|
| Generalizable    | 16    |
| Unsuitable       | 16    |
| In-depth         | 16    |
| Next-generation  | 16    |
| Demonstrable     | 16    |
| Affordable       | 16    |
| Holistic         | 16    |
| Worthwhile       | 16    |
| Discordant       | 15    |
| Ultimate         | 15    |
| Life-threatening  | 15    |
| Appreciable      | 15    |
| Perfect          | 15    |
| Unfavourable     | 14    |
| Striking         | 14    |
| Debilitating     | 14    |
| Inspired         | 13    |
| Noticeable       | 13    |
| Unusual          | 13    |
| Unresolved       | 12    |
| Enormous         | 12    |
| Credible         | 12    |
| Compelling       | 12    |
| Rewarding        | 12    |
| Contrary         | 12    |
| Fastest          | 12    |
| Well accepted    | 12    |
| Troublesome      | 11    |
| Noteworthy       | 11    |
| Pleasant         | 11    |
| Impossible       | 11    |
| Unbiased         | 11    |
| Subtle           | 11    |
| Logical          | 11    |
| Unwanted         | 11    |
| Threatening      | 11    |
| Irrelevant       | 11    |
| Bad              | 10    |
| Integrative      | 10    |
| Full-scale       | 10    |
| Presumed         | 10    |
| Failed           | 10    |
| Milder           | 10    |
| Disruptive       | 10    |
| Enough           | 10    |
| Vast             | 10    |
| Advisable        | 9     |
| Surprising       | 9     |
| Word               | Count | Word               | Count |
|-------------------|-------|-------------------|-------|
| Intriguing        | 9     | Generalisable     | 5     |
| Substantive       | 9     | Verified          | 5     |
| Empiric           | 9     | Infinite          | 5     |
| Strategic         | 9     | Sizeable          | 5     |
| Discernible       | 9     | Undesired         | 5     |
| Sub-optimal       | 9     | Objectively       | 5     |
| Elusive           | 9     | Inefficient       | 5     |
| Conflicting       | 9     | Instructive       | 5     |
| Simpler           | 9     | Uncomfortable     | 5     |
| Imperative        | 9     | Usable            | 5     |
| Long-term         | 9     | Confirmative      | 5     |
| Well documented   | 8     | Seminal           | 4     |
| Genuine           | 8     | Weakly            | 4     |
| Moral             | 8     |                   |       |
| Inadvertent       | 8     |                   |       |
| Nonserious        | 8     |                   |       |
| Instructional     | 8     |                   |       |
| Exaggerated       | 8     |                   |       |
| Non-serious       | 7     |                   |       |
| Intuitive         | 7     |                   |       |
| Provocative       | 7     |                   |       |
| Doubtful          | 7     |                   |       |
| Disproportionate  | 7     |                   |       |
| Concrete          | 7     |                   |       |
| Pervasive         | 7     |                   |       |
| Enjoyable         | 7     |                   |       |
| Contradictory     | 7     |                   |       |
| Gentle            | 7     |                   |       |
| Inaccurate        | 7     |                   |       |
| Unanticipated     | 7     |                   |       |
| Unreliable        | 6     |                   |       |
| Cost-saving       | 6     |                   |       |
| Pertinent         | 6     |                   |       |
| Consensus-based   | 6     |                   |       |
| Exciting          | 6     |                   |       |
| Debatable         | 6     |                   |       |
| Under-represented | 6     |                   |       |
| Unsafe            | 6     |                   |       |
| Understudied      | 6     |                   |       |
| Questionable      | 6     |                   |       |
| Sophisticated     | 6     |                   |       |
| Well characterized | 6   |                   |       |
| Competent         | 6     |                   |       |
| Tremendous        | 6     |                   |       |
| Mild-moderate     | 6     |                   |       |
| Big               | 6     |                   |       |
| Provisional       | 6     |                   |       |
| Subnormal         | 5     |                   |       |

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