A Comprehensive Guide to select a Suitable Journal for Research Publication

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**ABSTRACT**
Selection of suitable Journal for publication of research findings in a peer-reviewed Journal is very critical and challenging for researchers. Selection of Journal for publication involves many factors, where the main factor is Journal metrics. In light of the proliferation of journals, some journals have come under increased scrutiny recently with terms such as questionable, illegitimate, dishonest, used to describe these journals. Generally, the young researchers or the first-time authors, would like to publish their findings in a less reputed Journal with very less rejection rate, as they want to publish their articles quickly. Wrong choice of journal for publishing spells outright rejection. Even if the article is very encouraging with sound and rigorous scholarly work, it will not stand the test. Another option for authors is to consult with librarians affiliated with organization or local public library. Librarians are well-suited to provide guidance in helping authors with selecting quality journals to consider for publication. Transparency and objectives are essential elements for scientific research and peer review process. Bibliographic software such as EndNote or RefWorks assist the authors to format reference section and to perform corrections suggested by reviewers. Hence, this review was delineated to provide an insight for the researchers to prefer a Journal based on the impact factor, H-index, SNIP, SJR and timeline of publication.

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**INTRODUCTION**
The word Journal means “daily” that may refer to several things. The original meaning of Journal refers to a daily record of activities. A “journal,” consists of original research articles, with conclusions mainly for the researchers and scientists, generally contributed by experts in the subject. The main focus of the researchers is to publish their research findings in a peer-reviewed Journal. Proper selection of Journal is critical and authors have to meticulously identify a suitable Journal for a manuscript; otherwise, it may lead to rejection. Wrong choice of Journal may cause rejection even if the article is interesting, encouraging with sound data and high impact work. In light of the proliferation of journals, some journals have come under increased scrutiny recently with terms such as questionable, predatory, pseudo, deceptive, unscrupulous, illegitimate, or dishonest, used to describe these journals (Beall, 2012; Lalu et al., 2017).

The condition may even worse if the paper is rejected after a lengthy peer-review process that reveals the paper is just not suitable (Carroll-Johnson, 2001). Waste of time, money, effort and motivation results in improper selection of the Journal. Generally, the articles published in a Journal can be a full-length research article or review paper or short communication.
Table 1: Scopus Indexed Pharmaceutical Sciences Journals published in America

| S. No. | Name of the Journal                                         | Impact factor | Frequency   | Open Access | h-Index | SJR   | SNIP  |
|--------|-------------------------------------------------------------|---------------|-------------|-------------|---------|-------|-------|
| 1.     | AAPS Journal                                               | 3.545         | Bi-monthly  | No          | 96      | 1.146 | 1.346 |
| 2.     | AAPS Pharm Sci Tech                                        | 2.608         | Bi-monthly  | Yes         | 79      | 0.633 | 1.012 |
| 3.     | ACS Medicinal Chemistry Letters                            | 3.737         | Monthly     | No          | 52      | 1.202 | 0.905 |
| 4.     | Acta Pharmacologica Sinica                                | 4.010         | Monthly     | Yes         | 78      | 1.224 | 1.088 |
| 5.     | Adverse Drug Reaction Bulletin                             | 0.55          | Bi-monthly  | Yes         | 7       | 0.212 | 0.266 |
| 6.     | Alcoholism: Clinical and Experimental Research             | 3.235         | Bi-monthly  | No          | 143     | 1.463 | 1.022 |
| 7.     | American Journal of Drug and alcohol abuse                | 2.767         | Bi-monthly  | No          | 64      | 1.144 | 0.946 |
| 8.     | American Journal of Health-System Pharmacy                | 2.012         | Bi-weekly   | No          | 87      | 0.595 | 0.956 |
| 9.     | American Journal of Pharmacy Benefits                     | 0.380         | Bi-monthly  | No          | 11      | 0.198 | 0.146 |
| 10.    | American Journal of Pharmaceutical Education              | 1.737         | Bi-monthly  | Yes         | 52      | 0.630 | 1.099 |
| 11.    | American Pharmaceutical Review                            | 0.2           | Bi-monthly  | No          | 20      | 0.147 | 0.228 |
| 12.    | American Journal of Therapeutics                          | 1.133         | Bi-monthly  | No          | 55      | 0.465 | 0.545 |
| 13.    | Analytical Letters                                         | 1.248         | 18 issues/year | No       | 56      | 0.33  | 0.436 |
| 14.    | Annual Review of Biochemistry                             | 26.922        | Annual      | No          | 268     | 17.5  | 5.645 |
| 15.    | Annual Review of Pharmacology and Toxicology              | 12.103        | Annual      | No          | 193     | 6.609 | 2.754 |
| 16.    | Anti-Cancer Drugs                                          | 1.801         | 10 issues/year | No       | 88      | 0.684 | 0.577 |
| 17.    | Antimicrobial agents and Chemotherapy                     | 4.715         | Monthly     | No          | 232     | 2.096 | 1.276 |
| 18.    | Applied In Vitro Toxicology                              | 1.17          | Quarterly   | No          | 2       | 0.283 | 0.187 |
| 19.    | Behavioural Pharmacology                                  | 1.788         | Semi-annual | No          | 76      | 0.782 | 0.576 |
| 20.    | Biomedical Chromatography                                 | 1.748         | Monthly     | No          | 58      | 0.436 | 0.685 |
| 21.    | Bioorganic Chemistry                                      | 3.926         | Bi-monthly  | No          | 50      | 0.697 | 1.210 |
| 22.    | Biopharm International                                    | 0.263         | Quarterly   | No          | 25      | 0.173 | 0.256 |
| 23.    | Biopharmaceutics and Drug Disposition                     | 1.611         | Monthly     | No          | 54      | 0.456 | 0.636 |
| 24.    | Brazilian Journal of Medical and Biological Research      | 0.170         | Monthly     | No          | 79      | 0.604 | 0.635 |
| 25.    | Brazilian Journal of Pharmaceutical Sciences              | 0.512         | Quarterly   | No          | 32      | 0.200 | 0.351 |
| 26.    | Brazilian Journal of Pharmacognosy                        | 1.754         | Bi-monthly  | Yes         | 37      | 0.521 | 0.950 |
| 27.    | British Journal of Pharmacology                           | 6.583         | Bi-monthly  | No          | 190     | 2.665 | 1.667 |
| 28.    | British Journal of Pharmacology                           | 6.583         | Semi-monthly | No       | 190     | 2.665 | 1.667 |
| 29.    | Canadian Journal of Physiology and Pharmacology           | 2.041         | Monthly     | No          | 77      | 0.651 | 0.69  |
| 30.    | Canadian Pharmacists Journal                              | 1.74          | Bi-monthly  | No          | 18      | 0.555 | 0.679 |

Continued on next page
| S. No. | Name of the Journal                                      | Impact factor | Frequency     | Open Access | h-Index | SJR   | SNIP |
|-------|--------------------------------------------------------|---------------|---------------|-------------|---------|-------|------|
| 31.   | Cancer Biology and Therapy                             | 2.879         | Monthly       | No          | 101     | 1.240 | 0.755 |
| 32.   | Cancer Biotherapy and Radio pharmacueticals            | 1.894         | 10 issues/year| No          | 55      | 0.545 | 0.609 |
| 33.   | Clinical Pharmacology and Therapeutics                 | 6.336         | Bi-monthly    | No          | 62      | 1.842 | 1.366 |
| 34.   | Clinical Pharmacology in Drug Development              | 2.227         | Bi-monthly    | No          | 16      | 0.573 | 0.576 |
| 35.   | Clinical Toxicology                                   | 4.398         | Monthly       | No          | 85      | 1.298 | 1.755 |
| 36.   | Current Therapeutic Research                           | 1.970         | Bi-annual     | Yes         | 34      | 0.531 | 0.774 |
| 37.   | Dissolution Technologies                               | 0.674         | Quarterly     | No          | 28      | 0.207 | 0.573 |
| 38.   | Drug and Chemical Toxicology                           | 1.946         | Bi-monthly    | No          | 38      | 0.479 | 0.793 |
| 39.   | Drug Development and Industrial Pharmacy              | 2.367         | Monthly       | No          | 78      | 0.608 | 0.831 |
| 40.   | Drug Development Research                              | 1.742         | Bi-monthly    | No          | 54      | 0.779 | 0.714 |
| 41.   | Drug Metabolism and Disposition                        | 3.354         | Monthly       | No          | 161     | 1.267 | 1.196 |
| 42.   | Drug Metabolism Reviews                                | 4.702         | Quarterly     | No          | 89      | 0.944 | 1.214 |
| 43.   | Drug Resistance Updates                                | 11.708        | Bi-monthly    | No          | 100     | 4.319 | 3.244 |
| 44.   | European Journal of Inflammation                      | 0.733         | Annual        | Yes         | 18      | 0.147 | 0.286 |
| 45.   | Helvetica                                              | 1.394         | Monthly       | No          | 79      | 0.409 | 0.421 |
| 46.   | Hospital Pharmacy                                     | 0.550         | Bi-monthly    | No          | 21      | 0.275 | 0.354 |
| 47.   | International Journal of Inflammation                 | 2.450         | Annual        | Yes         | 24      | 0.899 | 0.848 |
| 48.   | Investigational new drugs                              | 2.663         | Bi-monthly    | Yes         | 80      | 1.135 | 0.748 |
| 49.   | Journal of AOAC International                          | 1.12          | Bi-monthly    | No          | 79      | 0.38  | 0.655 |
| 50.   | Journal of Bioenergetics and Biomembranes             | 2.548         | Bi-monthly    | No          | 92      | 0.962 | 0.641 |
| 51.   | Journal of Clinical Pharmacology                       | 3.867         | Monthly       | No          | 131     | 0.954 | 0.865 |
| 52.   | Journal of Computer Aided Molecular Design            | 3.25          | Monthly       | No          | 89      | 0.792 | 0.805 |
| 53.   | Journal of Herbs, Spices and Medicinal Plants         | 0.44          | Quarterly     | No          | 24      | 0.184 | 0.486 |
| 54.   | Journal of Liquid Chromatography and Related Technologies | 0.987         | 20 issues/year| No          | 46      | 0.305 | 0.444 |
| 55.   | Journal of Medicinal Chemistry                         | 6.054         | Bi-weekly     | No          | 240     | 2.287 | 1.676 |
| 56.   | Journal of Natural Products                           | 4.257         | Monthly       | No          | 124     | 1.271 | 1.521 |
| 57.   | Journal of Oncology Pharmacy Practice                 | 1.826         | Semi-monthly  | No          | 28      | 0.630 | 0.723 |
| 58.   | Journal of Pharmaceutical Innovation                  | 1.452         | Quarterly     | No          | 25      | 0.496 | 0.871 |
| 59.   | Journal of Pharmaceutical Sciences                    | 3.197         | Monthly       | Yes         | 159     | 1.035 | 1.187 |
| 60.   | Journal of Pharmacokinetics and Pharmacodynamics      | 2.91          | Bi-monthly    | No          | 54      | 0.783 | 0.933 |
| 61.   | Journal of Pharmacological and Toxicological Methods  | 2.679         | Bi-monthly    | No          | 64      | 0.791 | 0.716 |
| S. No. | Name of the Journal                                      | Impact factor | Frequency   | Open Access | h-Index | SJR  | SNIP |
|-------|---------------------------------------------------------|---------------|-------------|-------------|---------|------|------|
| 62    | Journal of Pharmacology and Experimental Therapeutics   | 3.615         | Monthly     | Yes         | 209     | 1.383| 1.017|
| 63    | Journal of Pharmacy Technology                          | 0.360         | Monthly     | No          | 9       | 0.175| 0.215|
| 64    | Journal of Pharmacy Practice                           | 1.30          | Bi-monthly  | No          | 22      | 0.442| 0.513|
| 65    | Journal of Pharmacy and Nutrition Sciences             | 0.38          | Bi-monthly  | No          | 8       | 0.138| 0.089|
| 66    | Journal of Pharmacy and Pharmaceutical Sciences        | 0.69          | Triannual   | Yes         | 69      | 0.539| 0.738|
| 67    | Journal of Pharmacy and Pharmacognosy Research         | 0.490         | Bi-monthly  | Yes         | 5       | 0.18 | 0.396|
| 68    | Latin American Journal of Pharmacy                     | 0.370         | Monthly     | Yes         | 21      | 0.155| 0.221|
| 69    | Mass Spectrometry Reviews                              | 9.068         | Bi-monthly  | No          | 116     | 2.069| 2.414|
| 70    | Medicinal Chemistry Research                           | 1.72          | Monthly     | No          | 38      | 0.366| 0.672|
| 71    | Medical Letter on Drugs and Therapeutics               | 1.222         | Bi-weekly   | No          | 18      | 0.577| 0.169|
| 72    | Methods in Pharmacology and Toxicology                 | 3.0           | Annual      | No          | 6       | 0.116| 0.030|
| 73    | Microbial Drug Resistance                              | 2.397         | Monthly     | No          | 62      | 0.946| 0.855|
| 74    | Molecular Pharmaceutics                                | 4.396         | Monthly     | No          | 110     | 1.402| 1.165|
| 75    | Natural Product Communications                         | 0.554         | Monthly     | No          | 35      | 0.275| 0.414|
| 76    | Online Journal of Biological Sciences                  | 0.230         | Quarterly   | Yes         | 12      | 0.146| 0.288|
| 77    | PDA Journal of Pharmaceutical Science and Technology   | 1.070         | Bi-monthly  | No          | 33      | 0.493| 1.128|
| 78    | Pharmaceutical Chemistry Journal                       | 0.51          | Monthly     | No          | 26      | 0.171| 0.347|
| 79    | Pharmaceutical Development and Technology              | 2.347         | 10 times a Year | No | 46 | 0.594| 0.831|
| 80    | Pharmaceutical Engineering                             | 0.04          | Bi-monthly  | No          | 13      | 0.108| 0.309|
| 81    | Pharmaceutical Outsourcing                             | 0.06          | Quarterly   | No          | 5       | 0.128| 0.163|
| 82    | Pharmaceutical Research                               | 3.896         | Monthly     | No          | 191     | 1.093| 1.108|
| 83    | Pharmaceutical Statistics                              | 1.584         | Quarterly   | No          | 33      | 0.868| 0.824|
| 84    | Pharmaceutical Technology Europe                       | 0.02          | Monthly     | No          | 16      | 0.109| 0.054|
| 85    | Pharmacogenetics and Genomics                         | 2.693         | 9 Issues / Year | No | 134 | 0.808| 0.821|
| 86    | Pharmacochemical Research                             | 5.574         | Monthly     | No          | 118     | 1.781| 1.387|
| 87    | Pharmacochemical Reviews                              | 18.886        | Quarterly   | No          | 210     | 7.422| 5.278|
| 88    | Phytochemical Analysis                                | 1.963         | Bi-monthly  | No          | 63      | 0.553| 0.87 |
| 89    | Phytotherapy Research                                  | 3.766         | Monthly     | No          | 112     | 0.884| 1.244|
| 90    | Revista Cubana De Farmacia                            | 0.07          | Quarterly   | Yes         | 8       | 0.101| 0.047|
| 91    | The Botanical Review                                   | 2.536         | Quarterly   | No          | 61      | 0.878| 1.376|
| 92    | Therapeutic Drug Monitoring                            | 1.26          | Bi-monthly  | No          | 82      | 0.613| 0.748|
| 93    | Therapeutic Innovation and Regulatory Science          | 0.901         | Annual      | No          | 12      | 0.453| 0.449|
| 94    | Toxicology and Applied Pharmacology                   | 3.585         | 24/ Year    | No          | 153     | 1.165| 1.036|
| 95    | U.S. Pharmacist                                        | 0.09          | Monthly     | No          | 7       | 0.117| 0.104|
### Table 3: Scopus Indexed Pharmaceutical Sciences Journals published in Asia

| S. No. | Name of the Journal                                               | Impact factor | Frequency | Open Access | h-Index | SJR    | SNIP  |
|--------|---------------------------------------------------------------|---------------|-----------|-------------|---------|--------|-------|
| 1.     | Advances in Pharmacological Sciences                          | 2.260         | Annual    | Yes         | 22      | 0.577  | 1.145 |
| 2.     | Advanced Pharmaceutical Bulletin                              | 2.31          | Quarterly | Yes         | 23      | 0.583  | 0.997 |
| 3.     | Anti-Cancer Agents in Medicinal Chemistry                    | 2.180         | 18 issues / year | No     | 82      | 0.528  | 0.675 |
| 4.     | Anti-Infective agents                                         | 0.620         | Bi-annual | No          | 21      | 0.144  | 0.342 |
| 5.     | Anti-inflammatory and Anti-Allergy agents in Medicinal Chemistry | 0.860         | Bi-annual | No          | 19      | 0.284  | 0.569 |
| 6.     | Archives of Pharmacal Research                               | 2.458         | Monthly   | No          | 75      | 0.673  | 0.86  |
| 7.     | Asian Journal of Chemistry                                   | 0.31          | Monthly   | No          | 31      | 0.142  | 0.201 |
| 8.     | Asian Journal of Pharmaceutical Sciences                     | 4.016         | Bi-monthly Semi-annual | Yes | 27      | 0.707  | 1.206 |
| 9.     | Azerbaijan Pharmaceutical and Pharmacotherapy Journal        | 0.060         | Semi-annual | No   | 2       | 0.105  | 0.024 |
| 10.    | Bangladesh Journal of Pharmacology                           | 0.811         | Quarterly | Yes         | 19      | 0.322  | 0.551 |
| 11.    | Biological and Pharmaceutical Bulletin                      | 1.540         | Monthly   | No          | 104     | 0.563  | 0.692 |
| 12.    | Biomedical and Pharmacology Journal                         | 0.460         | Quarterly | No          | 12      | 0.142  | 0.306 |
| 13.    | Central Nervous agents in Medicinal Chemistry               | 1.080         | Triannual | No          | 30      | 0.351  | 0.473 |
| 14.    | Chinese Journal of Microbiology and Immunology               | 0.150         | Monthly   | No          | 7       | 0.121  | 0.111 |
| 15.    | Chinese Journal of Natural Medicines                        | 1.773         | Monthly   | No          | 27      | 0.515  | 0.876 |
| 16.    | Chinese Journal of New Drugs                                | 0.050         | Quarterly | No          | 9       | 0.106  | 0.053 |
| 17.    | Chinese Journal of Pharmaceutical Biotechnology             | 0.060         | Monthly   | No          | 4       | 0.103  | 0.053 |
| 18.    | Chinese Journal of Pharmacology and Toxicology              | 0.080         | Monthly   | No          | 11      | 0.117  | 0.073 |
| 19.    | Chinese Pharmaceutical Journal                              | 0.130         | Bi-weekly | No          | 19      | 0.157  | 0.114 |
| 20.    | Chinese Pharmaceuticalal Bulletin                           | 0.530         | Monthly   | No          | 15      | 0.178  | 0.360 |
| 21.    | Chinese Traditional and Herbal Drugs                        | 0.200         | Monthly   | No          | 13      | 0.135  | 0.138 |
| 22.    | Chemical and Pharmaceutical Bulletin                        | 1.405         | Monthly   | No          | 85      | 0.365  | 0.664 |
| 23.    | Combinatorial Chemistry and High Throughout Screening       | 1.503         | 10 issues / year | No     | 59      | 0.367  | 0.434 |
| 24.    | Current Analytical Chemistry                                | 1.242         | Bi-monthly | No   | 26      | 0.274  | 0.388 |
| 25.    | Current Computer Aided Drug Design                          | 1.2           | Bi-monthly | No   | 24      | 0.265  | 0.346 |
| 26.    | Current Drug Delivery                                       | 1.645         | 10 issues / year | No | 54      | 0.402  | 0.500 |
| 27.    | Current Drug Discovery Technologies                        | 1.200         | 5 issues / year | No | 38      | 0.397  | 0.707 |
| 28.    | Current Drug Metabolism                                     | 2.277         | 14 issues / year | No | 97      | 0.544  | 0.631 |
| 29.    | Current Pharmaceutical Analysis                             | 0.829         | Semi-quarterly | No | 22      | 0.218  | 0.416 |
| 30.    | Current Drug Safety                                         | 1.220         | Triannual | No         | 31      | 0.371  | 0.474 |

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Table 3 continued

| S. No. | Name of the Journal                                           | Impact factor | Frequency | Open Access | h-Index | SJR  | SNIP |
|--------|---------------------------------------------------------------|---------------|-----------|-------------|---------|------|------|
| 31.    | Current Drug Targets                                         | 2.642         | 16 issues/year | No          | 92      | 0.825 | 0.633 |
| 32.    | Current Drug Therapy                                         | 0.560         | 5 issues/year | No          | 14      | 0.138 | 0.177 |
| 33.    | Current Medicinal Chemistry                                  | 3.894         | 42 issues/year | No          | 158     | 0.918 | 0.979 |
| 34.    | Current Pharmaceutical Biotechnology                         | 1.516         | 15 issues/year | No          | 73      | 0.42  | 0.439 |
| 35.    | Current Pharmaceutical Design                                | 2.412         | 38 issues/year | No          | 140     | 0.703 | 0.655 |
| 36.    | Current Radiopharmaceuticalals                               | 0.840         | Triannual    | No          | 21      | 0.299 | 0.334 |
| 37.    | Current Topics in Medicinal Chemistry                       | 3.442         | Bi-weekly    | No          | 104     | 0.878 | 0.866 |
| 38.    | Current Topics in Pharmacology                               | 0.200         | Annual       | No          | 4       | 0.14  | 0.214 |
| 39.    | Current Trends in Biotechnology and Pharmacy                | 0.320         | Quarterly    | No          | 10      | 0.139 | 0.185 |
| 40.    | Drug Delivery System                                         | 0.030         | 5 issues/year | No          | 7       | 0.111 | 0.020 |
| 41.    | Drug Discoveries and Therapeutics                           | 1.110         | Bi-monthly   | No          | 19      | 0.444 | 0.733 |
| 42.    | Drug Metabolism Letters                                      | 0.960         | Bi-annual    | No          | 23      | 0.312 | 0.288 |
| 43.    | Eurasian Journal of Analytical Chemistry                    | 0.870         | Bi-monthly   | Yes         | 8       | 0.186 | 0.447 |
| 44.    | FABAD Journal of Pharmaceutical Sciences                    | 0.310         | Triannual    | No          | 14      | 0.13  | 0.367 |
| 45.    | Indian Drugs                                                 | 0.070         | Monthly      | No          | 30      | 0.117 | 0.137 |
| 46.    | Indian Journal of Chemistry Section B Organic and Medicinal Chemistry | 0.509         | Monthly      | Yes         | 43      | 0.157 | 0.305 |
| 47.    | Indian Journal of Medical Research, Supplement               | 0.90          | Annual       | No          | 17      | 0.508 | 0.926 |
| 48.    | Indian Journal of Microbiology                               | 1.533         | Quarterly    | No          | 41      | 0.434 | 0.615 |
| 49.    | Indian Journal of Natural Products and Resources             | 0.270         | Quarterly    | Yes         | 25      | 0.184 | 0.362 |
| 50.    | Indian Journal of Pharmaceutical Education and Research      | 0.425         | Quarterly    | Yes         | 17      | 0.169 | 0.398 |
| 51.    | Indian Journal of Pharmaceutical Sciences                   | 0.634         | Bi-monthly   | Yes         | 50      | 0.256 | 0.606 |
| 52.    | Indian Journal of Pharmacology                              | 1.040         | Bi-monthly   | Yes         | 52      | 0.369 | 0.680 |
| 53.    | Indian Journal of Physiology and Pharmacology               | 0.200         | Quarterly    | No          | 45      | 0.165 | 0.244 |
| 54.    | International Journal of Analytical chemistry               | 1.682         | Annual       | Yes         | 9       | 0.382 | 0.64 |
| 55.    | International Journal of Applied Pharmacaceutics             | 0.960         | Bi-monthly   | No          | 9       | 0.216 | 1.203 |
Table 4: (Continued from Table 3) Scopus Indexed Pharmaceutical Sciences Journals published in Asia

| S. No. | Name of the Journal                                           | Impact factor | Frequency       | Open Access | h-Index | SJR  | SNIP |
|--------|---------------------------------------------------------------|---------------|-----------------|-------------|---------|------|------|
| 56.    | International Journal of Pharmaceutical Quality Assurance    | 2.420          | Quarterly       | No          | 5       | 0.118| 0.901|
| 57.    | International Journal of Research in Pharmaceutical Sciences  | 0.240          | Quarterly       | Yes         | 15      | 0.122| 0.363|
| 58.    | Iranian Journal of Pharmaceutical Research                   | 1.183          | Quarterly       | Yes         | 31      | 0.402| 0.793|
| 59.    | Iranian Journal of Pharmaceutical Sciences                   | 0.580          | Quarterly       | No          | 9       | 0.155| 0.453|
| 60.    | Jordan Journal of Pharmaceutical Sciences                    | 0.350          | Triannual       | No          | 8       | 0.152| 0.122|
| 61.    | Journal of Advanced Pharmacy Education and Research          | 0.140          | Quarterly       | No          | 29      | 0.105| 0.403|
| 62.    | Journal of Analytical Methods in Chemistry                   | 1.589          | Annual          | Yes         | 19      | 0.399| 0.721|
| 63.    | Journal of Applied Pharmaceutical Science                    | 0.620          | Monthly         | Yes         | 24      | 0.224| 0.533|
| 64.    | Journal of Chinese Pharmaceutical Sciences                   | 0.320          | Monthly         | Yes         | 10      | 0.167| 0.335|
| 65.    | Journal of International Pharmaceutical Research            | 0.070          | Quarterly       | No          | 8       | 0.115| 0.035|
| 66.    | Journal of Medicinal Plants                                  | 2.630          | Quarterly       | Yes         | 16      | 0.16 | 0.33 |
| 67.    | Journal of Natural Remedies                                 | 0.5            | Quarterly       | No          | 16      | 0.143| 0.341|
| 68.    | Journal of Pharmaceutical Analysis                          | 4.440          | Bi-monthly      | Yes         | 21      | 0.763| 2.349|
| 69.    | Journal of Pharmacology and Pharmacotherapeutics            | 1.610          | Bi-monthly      | Yes         | 26      | 0.349| 0.517|
| 70.    | Journal of Pharmacopuncture                                 | 1.010          | Quarterly       | Yes         | 7       | 0.318| 0.688|
| 71.    | Journal of Pharmacy and BioAllied Sciences                  | 0.29           | Quarterly       | Yes         | 27      | 0.323| 0.846|
| 72.    | Korean Journal of Pharmacognosy                             | 0.190          | Bi-monthly      | No          | 14      | 0.159| 0.211|
| 73.    | Korean Journal of Physiology and Pharmacology               | 1.654          | Bi-monthly      | Yes         | 23      | 0.554| 0.664|
| 74.    | Marine drugs                                                | 3.772          | Monthly         | Yes         | 84      | 0.855| 1.496|
| 75.    | Letters in Drug Design and Discovery                        | 0.953          | Monthly         | No          | 28      | 0.207| 0.306|
| 76.    | Journal of Research in Pharmacy (formerly published as Marmara Pharmaceutical Journal) | 0.310          | Bi-monthly      | Yes         | 10      | 0.14 | 0.263|
| 77.    | Mass Spectrometry Letters                                   | 0.940          | Quarterly       | Yes         | 8       | 0.217| 0.084|
| 78.    | Medicinal Chemistry                                         | 2.530          | 8 issues/year   | No          | 39      | 0.675| 0.521|

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| S. No. | Name of the Journal                                                                 | Impact factor | Frequency  | Open Access | h-Index | SJR     | SNIP   |
|-------|-------------------------------------------------------------------------------------|---------------|------------|-------------|---------|---------|--------|
| 79    | Medicinal Plants - International Journal of Phyto medicines and Related Industries  | 0.180         | Quarterly  | No          | 8       | 0.156   | 0.146  |
| 80    | Natural Product Sciences                                                            | 0.94          | Semi-monthly | No       | 22      | 0.268   | 0.512  |
| 81    | Open Access Journal of Medicinal and Aromatic Plants                               | 0.00          | Bi-annual   | Yes        | 6       | 0.102   | 0.289  |
| 82    | Open Medicinal Chemistry Journal                                                   | 1.210         | Annual     | Yes        | 15      | 0.237   | 0.256  |
| 83    | Pakistan Journal of Pharmaceutical Sciences                                        | 0.596         | Bi-monthly | No         | 35      | 0.321   | 0.561  |
| 84    | Pharmaceutical Care and Research                                                    | 0.070         | Bi-monthly | No         | 7       | 0.188   | 0.229  |
| 85    | Pharmaceutical Sciences                                                             | 1.24          | Quarterly  | Yes        | 12      | 0.252   | 0.656  |
| 86    | Pharmaceutical Sciences Asia                                                       | 0.19          | Quarterly  | No         | 1       | 0.12    | 0.069  |
| 87    | Pharmacognosy Journal                                                              | 0.82          | Bi-monthly | No         | 14      | 0.254   | 0.79   |
| 88    | Physiology and Pharmacology                                                        | 0.560         | Bi-monthly | Yes        | 9       | 0.192   | 0.311  |
| 89    | Rasayan Journal of Chemistry                                                       | 1.220         | Quarterly  | Yes        | 18      | 0.252   | 1.078  |
| 90    | Records of Natural Products                                                        | 1.205         | Quarterly  | Yes        | 24      | 0.386   | 0.773  |
| 91    | Research in Pharmaceutical Sciences                                                 | 1.760         | Bi-monthly | Yes        | 20      | 0.570   | 0.929  |
| 92    | Research Journal of Pharmacy and Technology                                        | 0.410         | Bi-monthly | Monthly    | No      | 14      | 0.380  | 0.194  |
| 93    | Reviews on Recent Clinical Trials                                                  | 0.95          | Quarterly  | No         | 30      | 0.427   | 0.309  |
| 94    | Russian Journal of Biopharmaceuticals                                               | 0.280         | Bi-monthly | No         | 4       | 0.123   | 0.252  |
| 95    | Saudi Journal of Biological Sciences                                               | 2.820         | Semi-quarterly | Yes  | 33      | 0.703   | 1.594  |
| 96    | Saudi Pharmaceutical Journal                                                       | 3.643         | Monthly    | No         | 36      | 0.670   | 1.925  |
| 97    | Systematic Reviews in Pharmacy                                                     | 1.600         | Bi-annual  | No         | 11      | 0.296   | 1.159  |
| 98    | Thai Journal of Pharmaceutical Sciences                                            | 0.18          | Quarterly  | Yes        | 11      | 0.124   | 0.228  |
| 99    | Turkish Journal of Pharmaceutical Sciences                                          | 0.44          | Triannual  | Yes        | 11      | 0.152   | 0.419  |
| 100   | Yakugaku Zasshi                                                                    | 0.33          | Monthly    | No         | 37      | 0.148   | 0.136  |
| S. No. | Name of the Journal                          | Impact factor | Frequency | Open Access | h-Index | SJR   | SNIP  |
|-------|----------------------------------------------|---------------|-----------|-------------|---------|-------|-------|
| 1     | Biomarker Insights                          | 1.900         | Annual    | No          | 24      | 0.76  | 0.629 |
| 2     | Drug Design, Development and Therapy        | 3.208         | Annual    | Yes         | 48      | 0.99  | 1.090 |
| 3     | Drug, Healthcare and Patient Safety         | 1.630         | Monthly   | No          | 18      | 0.343 | 0.845 |
| 4     | International Journal of Nanomedicine      | 4.471         | Annual    | Yes         | 100     | 1.16  | 1.098 |
| 5     | Journal of Inflammation Research           | 4.790         | Annual    | Yes         | 22      | 1.607 | 1.441 |
| 6     | Journal of Pharmacy Practice and Research  | 0.360         | Bi-monthly| No          | 20      | 0.189 | 0.278 |
| 7     | Open Access Journal of Clinical Trials      | 0.38          | Annual    | Yes         | 9       | 0.143 | 0.178 |
| 8     | Orphan Drugs: Research and Reviews          | 0.250         | Bi-monthly| Yes         | 2       | 0.259 | 0.220 |
| 9     | Pharmacogenomics and Personalized Medicine | 3.30          | Annual    | Yes         | 22      | 0.965 | 0.851 |
| 10    | Therapeutics and Clinical Risk Management   | 1.824         | Annual    | Yes         | 43      | 0.73  | 0.94  |

| S. No. | Name of the Journal                          | Impact factor | Frequency | Open Access | h-Index | SJR   | SNIP  |
|-------|----------------------------------------------|---------------|-----------|-------------|---------|-------|-------|
| 1     | Acta Pharmaceutica                           | 1.405         | Quarterly | Yes         | 49      | 0.314 | 0.637 |
| 2     | Acta Pharmaceutica Scientia                  | 0.23          | Quarterly | Yes         | 15      | 0.166 | 0.19  |
| 3     | Acta Pharmaceutica Sinica B                 | 6.014         | Quarterly | Yes         | 28      | 1.893 | 2.044 |
| 4     | Advanced Drug Delivery Reviews               | 15.519        | 15 issues/year | No  | 278     | 4.163 | 3.293 |
| 5     | Alcohol                                      | 2.039         | 9 issues/year | No  | 74      | 0.823 | 0.635 |
| 6     | Alimentary Pharmacology and Therapeutics    | 7.731         | Monthly   | Yes         | 159     | 3.827 | 2.211 |
| 7     | Analyst                                     | 4.019         | Bi-weekly | No          | 137     | 1.134 | 0.945 |
| 8     | Analytical Chemistry Research               | 2.040         | Bi-weekly | Yes         | 8       | 0.380 | 1.097 |
| 9     | Annales Pharmaceutiques Francaises          | 0.750         | Bi-monthly| No          | 22      | 0.225 | 0.528 |
| 10    | Antibiotics                                 | 2.921         | Quarterly | Yes         | 20      | 1.121 | 1.023 |
| 11    | Antiviral Chemistry and Chemotherapy        | 1.890         | Bi-monthly| No          | 46      | 0.349 | 0.465 |
| 12    | Antiviral Research                          | 4.130         | Monthly   | No          | 108     | 1.656 | 0.996 |
| S. No. | Name of the Journal                                      | Impact factor | Frequency          | Open Access | h-Index | SJR | SNIP |
|-------|----------------------------------------------------------|---------------|--------------------|-------------|---------|-----|------|
| 13    | Antiviral Therapy                                        | 2.305         | Semi-quarterly     | No          | 78      | 0.931 | 0.557 |
| 14    | Archive der Pharmazie                                    | 2.145         | Monthly            | No          | 54      | 0.4  | 0.683 |
| 15    | Archives of Toxicology                                   | 5.741         | Monthly            | No          | 96      | 1.609 | 1.538 |
| 16    | Asian Journal of Organic Chemistry                       | 2.496         | Monthly            | No          | 35      | 0.857 | 0.510 |
| 17    | Asian Pacific Journal of Tropical Biomedicine            | 1.587         | Monthly            | Yes         | 48      | 0.489 | 1.280 |
| 18    | Bioanalysis                                              | 2.321         | Bi-weekly          | No          | 51      | 0.609 | 0.653 |
| 19    | Biochemical Pharmacology                                 | 4.825         | Monthly            | No          | 181     | 1.483 | 1.161 |
| 20    | Biodrugs                                                 | 4.903         | Bi-monthly         | No          | 60      | 1.601 | 1.328 |
| 21    | Biomarkers in Medicine                                  | 2.268         | 18 issues/year     | No          | 37      | 0.690 | 0.518 |
| 22    | Biomedical Reports                                       | 1.800         | Bi-monthly         | No          | 15      | 0.617 | 0.572 |
| 23    | Biomedicine and Pharmacotherapy                          | 3.743         | 10 issues/year     | No          | 78      | 0.931 | 0.951 |
| 24    | Bioorganic Medicinal Chemistry                           | 2.802         | Bi-weekly          | No          | 142     | 0.747 | 0.877 |
| 25    | Bioorganic and Medicinal chemistry Letters              | 2.448         | Bi-weekly          | No          | 133     | 0.696 | 0.780 |
| 26    | BMC Pharmacology & Toxicology                           | 2.103         | Monthly            | Yes         | 23      | 0.870 | 0.977 |
| 27    | British Journal of Clinical Pharmacology                | 3.867         | Monthly            | No          | 131     | 1.530 | 1.454 |
| 28    | Bulletin of Environmental Contamination and Toxicology  | 1.650         | Monthly            | No          | 63      | 0.536 | 0.713 |
| 29    | Chemistry an Asian Journal                              | 3.698         | Bi-weekly          | No          | 93      | 1.128 | 0.684 |
| 30    | Chemical Biology and Drug Design                        | 2.256         | Bi-monthly         | No          | 71      | 0.597 | 0.708 |
| 31    | Chem Med Chem                                            | 3.016         | Bi-weekly          | No          | 92      | 0.880 | 0.754 |
| 32    | Cancer Chemistry and Pharmacology                       | 3.008         | Bi-monthly         | No          | 100     | 1.199 | 0.930 |
| 33    | Chinese Medicine                                         | 2.265         | Annual             | Yes         | 34      | 0.878 | 0.990 |
| 34    | Chemotherapy                                             | 1.571         | Bi-monthly         | No          | 49      | 0.472 | 0.445 |
| 35    | Clinical Pharmacokinetics                               | 4.680         | Monthly            | No          | 150     | 1.529 | 1.505 |
| 36    | Current Pharmacology Reports                            | 2.190         | Bi-monthly         | No          | 13      | 0.803 | 0.713 |
| 37    | DARU Journal of Pharmaceutical Sciences                 | 2.698         | Monthly            | Yes         | 33      | 0.658 | 1.162 |
| 38    | Die Pharmazie                                            | 0.820         | Monthly            | No          | 56      | 0.31  | 0.346 |
| 39    | Drug and Alcohol Dependence                             | 3.466         | Monthly            | No          | 151     | 1.821 | 1.306 |
| 40    | Drug Delivery                                            | 15.519        | 9 issues/year      | Yes         | 278     | 4.163 | 3.293 |
| 41    | Drug Delivery and Translational Research                 | 3.111         | Bi-monthly         | No          | 27      | 0.827 | 0.823 |
| 42    | Drug Discovery Today: Disease Models                    | 6.880         | Monthly            | No          | 157     | 2.248 | 1.923 |
| 43    | Drug Discovery Today: Disease Models                    | 0.240         | Quarterly          | No          | 23      | 0.207 | 0.195 |
| 44    | Drug Discovery Today: Technologies                      | 3.530         | Quarterly          | No          | 41      | 0.945 | 0.737 |
| 45    | Drug Discovery World                                    | 0.110         | Quarterly          | No          | 10      | 0.147 | 0.079 |
| 46    | Drug Metabolism and Personalized Therapy                | 0.910         | Quarterly          | No          | 32      | 0.277 | 0.446 |
| 47    | Drug Metabolism and Pharmacokinetics                    | 1.874         | Bi-monthly         | Yes         | 34      | 0.612 | 0.761 |
| 48    | Drug Research                                            | 1.760         | Monthly            | No          | 56      | 0.437 | 0.689 |
| 49    | Drug Safety                                              | 3.526         | Monthly            | No          | 115     | 1.438 | 1.601 |

Continued on next page
| S. No. | Name of the Journal                                                                 | Impact factor | Frequency          | Open Access | h-Index | SNIP |
|-------|--------------------------------------------------------------------------------------|---------------|--------------------|-------------|---------|------|
| 50.   | Drug Testing and Analysis                                                           | 2.799         | Monthly            | No          | 44      | 0.747 | 0.991|
| 51.   | Environmental Toxicology and Pharmacology                                          | 3.061         | Semi-quaterly      | Yes         | 72      | 0.771 | 0.952|
| 52.   | European Journal of Clinical Pharmacology                                           | 2.774         | Monthly            | No          | 99      | 1.044 | 1.225|
| 53.   | European Journal of Drug Metabolism and Pharmacokinetics                           | 1.497         | Quarterly          | No          | 34      | 0.488 | 0.640|
| 54.   | European Journal of Medicinal Chemistry                                            | 4.833         | Monthly            | No          | 135     | 1.210 | 1.464|
| 55.   | European Journal of Oncology Pharmacy                                              | 0.250         | Quarterly          | Yes         | 3       | 0.137 | 0.104|
| 56.   | European Journal of Parenteral and Pharmaceutical Sciences                          | 0.0           | Bi-annual          | No          | 5       | 0.12  | 0.226|
| 57.   | European Journal of Pharmaceutical Sciences                                         | 3.532         | 15/ Year           | No          | 119     | 0.882 | 1.108|
| 58.   | European Journal of Pharmaceutics and Biopharmaceutics                              | 4.708         | 9/ Year            | No          | 138     | 1.326 | 1.503|
| 59.   | European Journal of Pharmacology                                                    | 3.170         | 32/ Year           | No          | 167     | 1.001 | 0.958|
| 60.   | European Pharmaceutical Journal                                                     | 0.410         | Bi-annual          | Yes         | 5       | 0.128 | 0.337|
| 61.   | European Pharmaceutical Review                                                      | 0.070         | Bi-monthly         | No          | 7       | 0.117 | 0.139|
| 62.   | Farmacia                                                                            | 1.527         | Bi-monthly         | No          | 19      | 0.316 | 0.632|
| 63.   | Farmacia Hospitalaria                                                               | 0.730         | Bi-monthly         | Yes         | 21      | 0.264 | 0.398|
| 64.   | Fitoterapia                                                                          | 2.431         | Semi-quaterly      | No          | 90      | 0.767 | 1.33 |
| 65.   | Fundamental and Clinical Pharmacology                                               | 2.229         | Bi-monthly         | No          | 64      | 0.712 | 0.910|
| 66.   | Future Medicinal Chemistry                                                          | 3.617         | Bi-weekly          | No          | 54      | 0.916 | 0.806|
| 67.   | Inflammation Research                                                               | 3.061         | Monthly            | No          | 82      | 0.970 | 0.903|
| 68.   | International Journal of Computational Biology and Drug Design                      | 0.230         | Bi-monthly         | No          | 12      | 0.120 | 0.106|
| 69.   | International Journal of Cosmetic Science                                           | 1.481         | Bi-monthly         | No          | 53      | 0.541 | 1.088|
| 70.   | International Journal of Molecular Medicine                                        | 2.928         | Bi-monthly         | No          | 80      | 0.904 | 0.827|
| 71.   | International Journal of Pharmaceutics                                              | 4.213         | 19 issues/year     | No          | 190     | 1.15  | 1.230|
| 72.   | International Journal of Pharmacy Practice                                          | 1.310         | Bi-monthly         | No          | 32      | 0.486 | 0.738|
| 73.   | Journal of Analytical Toxicology                                                    | 3.150         | 9 issues/year      | No          | 69      | 1.078 | 1.119|
| 74.   | Journal of Applied Research on Medicinal and Aromatic Plants                        | 1.966         | Quarterly          | No          | 11      | 0.5   | 1.108|
| 75.   | Journal of Asian Natural Products Research                                          | 1.170         | Monthly            | No          | 35      | 0.391 | 0.570|
| 76.   | Journal of Ayurveda and Integrative Medicine                                       | 1.410         | Quarterly          | Yes         | 19      | 0.32  | 0.816|
| 77.   | Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences | 2.813   | Quarterly          | No          | 183     | 0.749 | 1.028|
Table 8: *(Continued from Table 7)* Scopus Indexed Pharmaceutical Sciences Journals published in Europe

| S. No. | Name of the Journal                                      | Impact factor | Frequency      | Open Access | h-index | SJR  | SNIP |
|--------|----------------------------------------------------------|---------------|----------------|-------------|---------|------|------|
| 78.    | Journal of Clinical Pharmacy and Therapeutics            | 2.167         | Bi-monthly     | No          | 65      | 0.710| 0.837|
| 79.    | Journal of Controlled Release                            | 7.901         | Bi-weekly      | No          | 237     | 2.411| 1.717|
| 80.    | Journal of Drug Delivery Science and Technology          | 2.606         | Bi-monthly     | No          | 38      | 0.583| 0.823|
| 81.    | Journal of Drug Targeting                                | 3.277         | 10/Year        | No          | 80      | 0.758| 0.683|
| 82.    | Journal of Enzyme Inhibition and Medicinal Chemistry     | 4.027         | Bi-monthly     | Yes         | 61      | 0.781| 1.067|
| 83.    | Journal of Ethnobiology and Ethnomedicine                | 2.50          | Annual         | Yes         | 57      | 0.728| 1.485|
| 84.    | Journal of Ethnopharmacology                             | 3.414         | Monthly        | No          | 170     | 1.004| 1.497|
| 85.    | Journal of Herbal Medicine                              | 1.554         | Quarterly      | No          | 14      | 0.464| 0.821|
| 86.    | Journal of Inflammation                                 | 2.662         | Annual         | Yes         | 45      | 1.015| 0.877|
| 87.    | Journal of Microencapsulation                           | 1.585         | Semi-quarterly | No          | 70      | 0.444| 0.641|
| 88.    | Journal of Molecular Medicine                           | 4.746         | Monthly        | No          | 127     | 2.015| 1.048|
| 89.    | Journal of Nanobiotecnology                             | 5.345         | Annual         | Yes         | 57      | 1.21 | 1.255|
| 90.    | Journal of Natural Medicines                            | 2.15          | Quarterly      | Yes         | 37      | 0.569| 0.895|
| 91.    | Journal of Pharmaceutical and Biomedical Analysis       | 2.983         | 15 issues/year | No          | 114     | 0.786| 1.144|
| 92.    | Journal of Pharmaceutical Health Services Research      | 0.690         | Quarterly      | No          | 12      | 0.287| 0.568|
| 93.    | Journal of Pharmaceutical Investigation                 | 3.22          | Bi-monthly     | Yes         | 16      | 0.623| 0.831|
| 94.    | Journal of Pharmaceutical Policy and Practice           | 1.94          | Annual         | Yes         | 12      | 0.902| 0.968|
| 95.    | Journal of Pharmacological Methods                      | 2.679         | Bi-monthly     | Yes         | 64      | 0.791| 0.716|
| 96.    | Journal of Pharmacological Sciences                     | 2.439         | Monthly        | Yes         | 74      | 0.936| 0.916|
| 97.    | Journal of Physiology and Pharmacology                  | 2.544         | Bi-monthly     | Yes         | 70      | 0.791| 0.775|
| 98.    | Jundishapur Journal of Natural Pharmaceutical Products  | 0.970         | Quarterly      | Yes         | 15      | 0.280| 0.475|
| 99.    | Med Chem Comm                                            | 2.394         | Monthly        | No          | 44      | 0.673| 0.723|
| 100.   | Mini-Review in Medicinal Chemistry                      | 2.842         | 20 issues/year | No          | 79      | 0.609| 0.772|
| 101.   | Molecules                                                | 3.060         | Bi-weekly      | Yes         | 116     | 1.499| 0.906|
| 102.   | Nanomaterials and Nanotechnology                        | 1.600         | Annual         | No          | 16      | 0.319| 0.440|
| 103.   | Nanotechnology Reviews                                  | 2.579         | Bi-monthly     | No          | 19      | 0.489| 0.671|
| 104.   | Natural Product Reports                                 | 11.876        | Monthly        | No          | 157     | 3.552| 3.415|
| 105.   | Natural Product Research                                | 1.999         | Semi-monthly   | No          | 42      | 0.602| 0.974|
| 106.   | Natural Products Journal                                | 0.400         | 5 issues/year  | No          | 9       | 0.169| 0.311|
| 107.   | Nature Reviews Drug Discovery                           | 57.168        | Monthly        | No          | 289     | 9.483| 9.754|
| 108.   | Neuropharmacology                                        | 4.367         | 16/Year        | No          | 150     | 1.780| 1.067|

*Continued on next page*
| S. No. | Name of the Journal                          | Impact factor | Frequency  | Open Access | h-Index | SJR | SNIP |
|-------|---------------------------------------------|---------------|------------|-------------|---------|-----|------|
| 109.  | Nutrition and Metabolism                    | 3.48          | Annual     | Yes         | 68      | 1.413 | 1.117 |
| 110.  | Pharmaceutical Biology                      | 2.492         | Bi-monthly | Yes         | 53      | 0.625 | 0.973 |
| 111.  | Pharmaceutical Medicine                     | 0.810         | Bi-monthly | No          | 15      | 0.230 | 0.436 |
| 112.  | Pharmaceutical Nanotechnology               | 0.00          | Quarterly  | No          | 6       | 0.135 | 0.207 |
| 113.  | Pharmaceuticals                              | 3.850         | Monthly    | Yes         | 44      | 1.209 | 1.234 |
| 114.  | Pharmaceuticals Policy and Law              | 0.13          | Quarterly  | No          | 9       | 0.115 | 0.122 |
| 115.  | Pharmaceutics                               | 4.773         | Monthly    | Yes         | 32      | 1.091 | 1.435 |
| 116.  | Pharmacoeconomics                           | 3.705         | Monthly    | Yes         | 91      | 1.942 | 1.608 |
| 117.  | Pharmacogenomics Journal                    | 1.88          | Quarterly  | No          | 78      | 1.096 | 0.961 |
| 118.  | Pharmacological Reports                     | 2.761         | Bi-monthly | Yes         | 71      | 0.807 | 0.899 |
| 119.  | Pharmacology and Therapeutics               | 9.396         | Monthly    | No          | 180     | 3.586 | 2.521 |
| 120.  | Pharmacology Research and Perspectives      | 2.580         | Bi-monthly | Yes         | 20      | 1.042 | 0.927 |
| 121.  | Pharmacy Education                          | 0.30          | Annual     | Yes         | 15      | 0.172 | 0.278 |
| 122.  | Pharmacy Practice                           | 1.490         | Quarterly  | Yes         | 19      | 0.518 | 0.865 |
| 123.  | Pharmakeftiki                               | 0.140         | Quarterly  | No          | 2       | 0.102 | 0.026 |
| 124.  | Phytochemistry                              | 4.180         | Monthly    | No          | 105     | 1.204 | 1.24  |
| 125.  | Planta Medica                               | 2.746         | 18 issues/year | No | 103 | 0.559 | 1.024 |
| 126.  | Progress in Drug Research                   | 0.00          | Annual     | No          | 38      | 0.189 | 0.389 |
| 127.  | Progress in Medicinal Chemistry             | 1.720         | Annual     | No          | 38      | 0.366 | 0.672 |
| 128.  | Progress in Nuclear Magnetic Resonance Spectroscopy | 8.848 | Bi-monthly | No         | 93      | 2.429 | 2.352 |
| 129.  | Psychopharmacology                          | 3.424         | Monthly    | No          | 181     | 1.395 | 0.956 |
| 130.  | Research in Social and Administrative Pharmacy | 2.719 | Monthly     | No          | 37      | 0.876 | 1.415 |
| 131.  | Scientia Pharmaceutica                      | 1.610         | Quarterly  | Yes         | 34      | 0.306 | 0.661 |
| 132.  | Studies in Natural Products Chemistry       | 1.999         | 3 issues/year | No | 42 | 0.16 | 0.122 |
| 133.  | Sustainable Chemistry and Pharmacy          | 2.64          | Quarterly  | No          | 9       | 0.420 | 0.779 |
| 134.  | Tetrahedron                                 | 2.379         | Weekly     | No          | 209     | 0.709 | 0.656 |
| 135.  | Tetrahedron Letters                         | 2.259         | Weekly     | No          | 159     | 0.621 | 0.576 |
| 136.  | Therapeutic Delivery                        | 2.120         | Monthly    | No          | 37      | 0.637 | 0.573 |
| 137.  | Topics in Medicinal Chemistry               | 0.840         | Bi-weekly  | No          | 8       | 0.266 | 0.155 |
| 138.  | Toxicology In Vitro                         | 3.067         | Bi-monthly | No          | 96      | 0.895 | 0.923 |
| 139.  | Toxicology Letters                          | 3.499         | Bi-monthly | No          | 129     | 0.971 | 1.028 |
| 140.  | Toxicology Reports                          | 2.63          | Annual     | Yes         | 21      | 0.674 | 1.161 |
| 141.  | Toxicology Research                         | 1.593         | Bi-monthly | No          | 24      | 0.509 | 0.511 |
| 142.  | Trends In Pharmacological Sciences          | 11.523        | Monthly    | No          | 201     | 4.586 | 2.835 |
Full-length research articles provide new findings, significant data, developments and outcomes. A review article represents surveys and summarizes previously published studies, rather than reporting new facts or analysis. Short communications are intended for quick and early communication of significant or original advances, without including too much data or detail. This review is intended to provide a guideline for the researchers to choose an appropriate journal for publication in Pharmaceutical sciences.

DATA RESOURCES

Details of Journals collected from various online resources namely Scopus, Web of Science and Directory of Open Access Journals (DOAJ) (Ball and Tunger, 2006). Scopus is the largest citation database of peer-reviewed literatures viz. scientific Journals, books, book series and conference proceedings with over 15000 Journals, 75 millions of articles, 12 millions of author profiles and more than 5,000 international publishers (Carroll-Johnson, 2001). Scopus covers quality peer-reviewed literature and web sources in four major subject areas namely social sciences (32%, 9292 titles), health sciences (25%, 7468 titles), physical sciences (27%, 8102 titles) and life sciences (16%, 4883 titles). Scopus represents top and high impact publishers like Elsevier, Springer nature, Taylor and Francis and Wiley-Blackwell. It provides documents year wise, author wise, subject wise, affiliation wise and country wise so that the researchers can easily search their contents (Burnham, 2006).

Web of Science (previously known as Web of Knowledge) is a website that provides subscription-based access to multiple databases that provide comprehensive citation data for many different academic disciplines (Carroll-Johnson, 2001). It meticulously indexes the publications over 100 years with backfiles dating back in 1898.

DOAJ (Directory of Open Access Journals) is an online directory that indexes and provides access to high quality, open access, peer-reviewed journals in order to increase the visibility, accessibility, reputation, usage and impact of quality. DOAJ was launched in 2003 at Lund University, Sweden, with 300 open access Journals. Presently, this independent database contains 14250 open access Journals covering all areas of science, technology, medicine, social science and humanities covering 4605738 articles for public accessing (Beall, 2012).

DISCUSSION

India is one among the top 10 countries for scientific research, according to data released by Elsevier, a publisher of scientific articles and Journals. Another Survey reveals that the papers published by India are the least cited among the top countries. Elsevier’s latest Research Intelligence report, which was compiled earlier this year, places India in the fifth position for scientific research. Scimago Journal rankings (SJR) of 2018 revealed that 44 journals from USA, 26 from UK, 27 from India and 17 from Netherlands contributed the publications in Pharmaceutical Sciences. National Institutional Ranking framework (NIRF) launched in 2015 by Ministry of Human Resource Development (MHRD), Government of India consider research publications as one of the key parameter in Institutional rankings. Publication in a peer-reviewed journal will influence career advancement, professional reputation, and improve funding opportunities of the researchers. Academic performance Index (API) was introduced by University Grant Commission (UGC) under career advancement scheme performance-linked and increasing the accountability of the country’s teachers to improve their standards. API of teaching faculty is based on the publication of their research findings in peer-reviewed journals. University Grant Commission prescribes 15 point per publication out of 30% in peer-reviewed Journal and 10 points for the Journals having ISSN and ISBN number (Tables 1 and 2, Tables 3 and 4, Table 5, Tables 6, 7 and 8 and Table 9).

Generally the young researchers or the first-time authors, would like to publish their findings in a less reputed Journal with very less rejection rate, as they want to publish their articles quickly. This attitude of the researchers to be changed and they have to analyze the reasons for the rejection and correct the manuscript so that it can be acceptable in a peer-reviewed Journal.

The major reasons for rejection of research paper in a Journal may be due to,

1. Improper Selection of a Journal
2. Poor Language
3. Too lengthy and unnecessary information
4. Spelling, punctuation and grammatical errors
5. Lack of Novelty
6. Improper Methodology
7. Irrelevant Results
Table 9: Scopus Indexed Pharmaceutical Sciences Journals published in Africa

| S. No. | Name of the Journal                          | Impact factor | Frequency  | Open Access | h-Index | SJR | SNIP |
|--------|---------------------------------------------|---------------|------------|-------------|---------|-----|------|
| 1.     | Tropical Journal of Pharmaceutical Research | 0.439         | Bi-annual  | Yes         | 24      | 0.197 | 0.333 |

*Data of Scopus indexed Journals till 30th April 2019.
Abbreviations of journals can be downloaded from this link: http://staff.ustc.edu.cn/~liuyz/Miscellaneous/J_Abbreviation.html

8. Lack of Statistical Analysis
9. Very Poor presentation of discussion section
10. Improper citation of references
11. Improper representation of diagram / illustration
12. Plagiarism/ Ethics in Research and Publication

One of the most common types of publication misconduct is plagiarism, when one author deliberately uses another’s work without permission, credit, or acknowledgment. Plagiarism takes different forms, from literal copying, text recycling and paraphrasing someone else work that include: data, words and phrases, Ideas and concepts.

**Key points for the Researchers before Selecting a Journal for Publishing an Article**

1. Identify the research is of interest to a local, regional or international audience.
2. Prefer the journal that is a member of COPE (committee of publication ethics)
3. Prefer the Journals that have published articles on your topic previously
4. Prefer the Journals that has the option of online submission, auto generated acknowledgement process, peer-review by the experts in the respective field for the scientific contents, options for tracking the status of the manuscript and regular publication of the Journals in a time bound manner.
5. Prefer the Journals that is having high H-index

The H-index is a numerical measure to know the productivity and influence of a researcher. It is devised by Jorge Hirsch in 2005, a physicist at the University of California. It is based on the set of the most cited papers of the researcher and the number of citations that they have received in other publication. If a scholar is having H-index of 22, means he had published 22 papers, each of which has been cited by other people at least 22 times.

6. Prefer the Journals that is having the impact factor prescribed by Thomson Reuters

Impact factor is the number of citations received by Journal articles in proportion to the number of citation articles it published in the past 2 to 5 years.

7. Prefer the Journals that are indexed in Scopus, Web of Science. PubMed, EBSCO and DOAJ etc.

8. Priority may be given to the following list of publishers of the Journals.
   1. Elsevier publications
   2. Springer Nature publications
   3. Taylor and Francis
   4. Wiley-Blackwell publications

9. Prefer the Journals that is having SNIP and SJR details

SJR measures the scientific impact of scholarly Journals based on the number of citations a journal receives and the prestige of Journals from where they got the citations.

Source Normalized Impact per Paper (SNIP) measures contextual citation impact by weighting citations based on the total number of citations in a subject field.

10. Prefer the Journals that are having wider circulation, low acceptance rate and higher rating in articles that compared with different Journals.

11. Prefer the Journals that is NOT collecting publication fees/processing fees from the authors or Journals that have transparency about article processing charges.

**CONCLUSION**

Research and publication are the complementary part of teaching and learning process. Publication in peer-reviewed Journals gives international recognition for an individual, department, University, and institutions. There are numerous numbers of Journals and Article finder is available as open access,
however these tools allows researcher to search for Journals by title. There is a prime need to select the Journals for researchers to publish their findings in reputed peer review Journals towards their field of research. The authors strongly recommend to publish the research findings in a Journal that has impact factor, source normalized impact factor (SNIP) and Schimago Journal Rank (SJR).

Hope this review, will be useful for all the researchers to find the right choice of Journals for publication of the research findings. To verify the specific Journal whether is indexed in Scopus or not, type the URL www.scopus.com/sources in your address bar to get the desired results.

Conflict of Interest
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