Indexing of Iranian Publications in Well-known Endodontic Textbooks: A Scientometric Analysis

Sina Kakooei, Mahshid Mostafavi, Masoud Parirokh, Saeed Asgary

Article Type: Original Article

Introduction: Quoting an article in well-known textbooks is held as a credit for that paper. The numbers of Iranian publications mentioned in endodontic textbooks have increased during recent years. The aim of this investigation was to evaluate the number of Iranian articles quoted in eminent endodontic textbooks. Methods and Materials: Three known textbooks (Ingle’s Endodontics, Seltzer and Bender’s Dental Pulp and Cohen’s Pathways of the Pulp) were chosen and all the editions of the textbooks since 2000 were investigated for quoted Iranian publications. Only Iranian authors with affiliations from a domestic university were chosen. All references at the end of each chapter were read by hand searching, and results were noted. The trend and percentage of Iranian publications in different editions of the textbooks were also calculated. The number of citations of these publications in Google Scholar and Scopus databases were also obtained. Results: The number of Iranian publications in all well-known textbooks have notably increased since 2000. The number and percentage of Iranian publications in the latest edition of Cohen’s Pathways of the Pulp was higher compared to other textbooks as well as the previous edition of the same text. Conclusion: Number and percentage of Iranian publications in the field of endodontics in all three textbooks have remarkably increased since 2000.

Keywords: Dental Pulp; Endodontics; Index; Ingle; Iranian Publications; Pathways of the Pulp; Quote; Scientometric; Textbooks

Received: 21 Jan 2016
Revised: 01 Apr 2016
Accepted: 15 Apr 2016
DOI: 10.7508/iej.2016.03.002

*Corresponding author: Mahshid Mostafavi, Leishmaniasis Research Center, Kerman University of Medical Sciences, Kerman, Iran. Tel: +98 343 2119025 E-mail: ms_mostafavi@yahoo.com

Introduction

One of the most important aims of publishing scientific articles is to provide a reliable source of information for readers. Although performing laboratory and animal studies is necessary to provide basic information regarding the efficacy and safety of dental materials and techniques, nowadays the most leading dental journal are emphasizing on evidence-based investigations in order to provide reliable results for clinical practice [1, 2].

Textbooks are important documents in scientific field. Textbook contributors are usually among well-known high reputation scientists and for that reason the chapters that have been prepared by them would be a reliable source for the readers. Therefore, quoting an article in a text book is assumed to be held as a credit for the authors. It has been reported that the science production in dentistry has faced a 5.68% growth from 2000 to 2009 [3]. Because of the encouraging policy of national universities, Iranian researchers prefer to publish their papers in international English journals. Therefore, there is a tendency to increase international publications of the Iranian endodontists.

Endodontics is one of the well-organized fields of dentistry in Iran. Iranian Association of Endodontics (IAE) is a nongovernmental association that has been founded since 1995.
Apart from holding annual congresses since 1997, IAE is the holder of Iranian Endodontic Journal (IEJ) which has been publishing endodontic papers since 2006. IEJ is indexed in a number of databases including Scopus and PubMed.

Scientific authority is an important issue for both Iranian universities and IAE. The aim of the present study is to evaluate the trend of appearance of the publications from Iranian authors in well-known endodontic textbooks.

Materials and Methods

Three textbooks which are references for Iranian board certificate (including Ingle’s Endodontics, Seltzer and Bender’s Dental Pulp and Cohen’s Pathways of the Pulp) were chosen to be evaluated (Table 1). In addition, in order to evaluate the trend of Iranian endodontists quotes in these books, all editions of the books since 2000 had been evaluated. The reference part of all chapters of these books had been evaluated through hand searching by two independent reviewers. All Iranian names had been collected and then reviewed by the third reviewer. Only the articles that their first author was Iranian with domestic affiliation were chosen. By using Google Scholar, PubMed and Scopus data bases, the affiliation and the number of each cited articles were extracted. If a paper was cited several times in the same text book, only one quote was taken into account. University of the authors was also considered. The percentage of Iranian endodontists quotes in each text book was calculated by dividing the number of the Iranian papers by the total number of references that appeared in those books.

Results

A total of 64 papers have been found in separate versions of the textbooks [4-66]. Since 2000, Cohen’s Pathways of the Pulp was reprinted 4 times, whereas Ingle’s endodontics and Seltzer and Bender’s Dental Pulp had been reprinted twice within the same time period. Table 2 shows the number of the Iranian papers cited in consecutive publications in different editions of the textbooks. Figure 1 shows the trend of Iranian authors’ publications that were cited in different textbooks. The type of quoted papers in descending order was randomized-controlled clinical trials, in vitro studies and review papers (Table 3). Several investigations have been quoted in different editions of the textbooks (Table 4). The trend of publications in Cohen’s Pathways of the Pulp showed that the number of citations has increased from 0.003 to 0.62 in 2016. Figures 2 to 4 show that articles published by endodontic departments of some universities’ had been more quoted.

Discussion

The results of the present study showed that the citation of the articles that had been written by Iranian authors in well-known textbooks have notably increased during recent years. In the
Scientometric evaluation of endodontic textbook

Three well-known textbooks (Table 1) were used to evaluate the scientific authority of Iranian endodontists because these books were chosen as the reference books of postgraduate programs in Iran [67]. In this study, only the papers with their first author being affiliated from one of the domestic universities were chosen, because previous investigations in scientometric field also considered this criterion [68].

The trend of Iranian authors’ publications that were quoted in these textbooks was particularly promoted in the recent 11th edition of Cohen’s *Pathways of the Pulp*. Cohen’s *Pathways of the Pulp* was also the most frequently-revised text book compared to the two other textbooks (Tables 1 and 2). Nowadays, high level of evidence investigations are being encouraged to be performed because of their high reliability for clinical practice [1, 2].

| Book name                  | Edition | Year | All references (N) | Iranian citations (%) |
|----------------------------|---------|------|--------------------|-----------------------|
| Pathways of the Pulp       | Eighth  | 2002 | 3063               | 1 (0.03)              |
| Pathways of the Pulp       | Ninth   | 2006 | 4830               | 3 (0.06)              |
| Cohen’s *Pathways of the Pulp* | Tenth   | 2011 | 6168               | 14 (0.22)             |
| Cohen’s *Pathways of the Pulp* | Eleventh | 2016 | 7641               | 48 (0.62)             |
| Ingle’s *Endodontics*      | Fifth   | 2002 | 4164               | 2 (0.04)              |
| Ingle’s *Endodontics*      | Sixth   | 2008 | 8926               | 9 (0.1)               |
| Seltzer and Bender’s *Dental Pulp* | First   | 2002 | 2756               | 2 (0.07)              |
| Seltzer and Bender’s *Dental Pulp* | Second  | 2012 | 3499               | 8 (0.22)              |

| Book (year) | Systematic review | Randomized clinical trial | Clinical study | Review | Case series | Case report | In vitro | Animal studies | Total |
|-------------|-------------------|---------------------------|----------------|--------|-------------|-------------|----------|----------------|-------|
| Dental Pulp (2002) | 0                  | 0                         | 0              | 1      | 0           | 0           | 1        | 0              | 2     |
| Dental Pulp (2012) | 1                  | 4                         | 1              | 2      | 0           | 0           | 0        | 0              | 8     |
| Ingle (2002)       | 0                  | 0                         | 0              | 0      | 0           | 0           | 2        | 0              | 2     |
| Ingle (2008)       | 0                  | 4                         | 0              | 1      | 0           | 0           | 4        | 0              | 9     |
| Pathways (2002)    | 0                  | 1                         | 0              | 0      | 0           | 0           | 0        | 0              | 1     |
| Pathways (2006)    | 0                  | 0                         | 0              | 0      | 0           | 3           | 0        | 3              | 3     |
| Pathways (2011)    | 1                  | 2                         | 0              | 4      | 1           | 4           | 2        | 14             | 14    |
| Pathways (2016)    | 1                  | 17                        | 1              | 10     | 2           | 2           | 12       | 3              | 48    |
| Total              | 3                  | 28                        | 2              | 18     | 2           | 3           | 26       | 5              | 87    |
| First author         | Pathways | Ingle | Dental Pulp | Google Scholar | Scopus |
|----------------------|----------|-------|-------------|----------------|--------|
|                      | 2002     | 2006  | 2011        | 2002           | 2008   | 2012   | 2002 | 2012 |     |     |     |
| Abbasipour F [4]     | ×        |       |             |                |        |        | 7    |      |      |      |
| Amini F [5]          |          | ×     |             | 17             | 9      |        |      |      |      |      |
| Asgary S [6]         |          |       |             | 270            | 112    |        |      |      |      |      |
| Asgary S [7]         | ×        |       |             |                |        |        | 46   | 23   |      |      |
| Asgary S [8]         | ×        |       |             | 41             | 21     |        |      |      |      |      |
| Asgary S [9]         | ×        |       |             | 41             | 12     |        |      |      |      |      |
| Asgary S [10]        | ×        |       |             | 34             | NA     |        |      |      |      |      |
| Asgary S [11]        | ×        |       |             | 151            | 81     |        |      |      |      |      |
| Ashraf H [12]        | ×        |       |             | 27             | 18     |        |      |      |      |      |
| Azar NG [13]         | ×        | ×     |             |                |        |        | 109  | 33   |      |      |
| Birang R [14]        |          |       |             | 10             | 7      |        |      |      |      |      |
| Daneshkazemi A R [15]| ×        | ×     |             |                |        |        |      |      |      |      |
| Dastmalchi N [16]    | ×        |       |             | 20             | 9      |        |      |      |      |      |
| Eghbal MJ [17]       | ×        |       |             | 83             | 44     |        |      |      |      |      |
| Eskandarizadeh A [18]| ×        |       |             | 44             | 21     |        |      |      |      |      |
| Farhad A [19]        |          | ×     |             | 98             | 36     |        |      |      |      |      |
| Ghodssi J [20]       |          | ×     |             | 47             | 16     |        |      |      |      |      |
| Homayouni H [21]     |          | ×     |             | 3              | 0      |        |      |      |      |      |
| Jafarzadeh H [22]    |          | ×     |             | 106            | 29     |        |      |      |      |      |
| Jatarzadeh H [23]    | ×        |       |             | 42             | 13     |        |      |      |      |      |
| Jafarzadeh H [24]    | ×        |       |             | 27             | 16     |        |      |      |      |      |
| Jafarzadeh H [25]    | ×        | ×     |             | 68             | 28     |        |      |      |      |      |
| Jalalzadeh SM [26]   | ×        | ×     |             | 24             | 15     |        |      |      |      |      |
| Javaheri HH [27]     | ×        | ×     |             | 99             | 37     |        |      |      |      |      |
| Kaviani N [28]       | ×        |       |             | 11             | 2      |        |      |      |      |      |
| Khademi A [29]       | ×        |       |             | 156            | 76     |        |      |      |      |      |
| Khademi AA [30]      | ×        |       |             | 14             | 5      |        |      |      |      |      |
| Khayat A [31]        | ×        | ×     | ×            | 323            | 146    |        |      |      |      |      |
| Khedmati N [32]      | ×        | ×     |             | 41             | 24     |        |      |      |      |      |
| Kuzekanani M [33]    | ×        |       |             | 5              | NA     |        |      |      |      |      |
| Mehrvarzfar P [34]   | ×        | ×     |             | 21             | 9      |        |      |      |      |      |
| Memarpour M [35]     | ×        |       |             | 2              | 2      |        |      |      |      |      |
| Modaresi J [36]      | ×        | ×     |             | 61             | 30     |        |      |      |      |      |
| Modaresi J [37]      | ×        | ×     |             | 29             | 15     |        |      |      |      |      |
| Mohammad Z [38]      | ×        |       |             | 261            | 125    |        |      |      |      |      |
| Mohammad Z [39]      | ×        |       |             | 162            | 78     |        |      |      |      |      |
| Mohammad Z [40]      | ×        | ×     |             | 146            | 54     |        |      |      |      |      |
| Mohammad Z [41]      | ×        |       |             | 9              | NA     |        |      |      |      |      |
| Moosavi H [42]       | ×        |       |             | 15             | 3      |        |      |      |      |      |
| Mortazavi M [43]     | ×        |       |             | 103            | 44     |        |      |      |      |      |
| Mozayeni MA [44]     | ×        |       |             | 62             | 26     |        |      |      |      |      |
| Namazi MR [45]       | ×        | ×     |             | 11             | 6      |        |      |      |      |      |
| Nekoofar MH [46]     | ×        | ×     |             | 39             | 17     |        |      |      |      |      |
| Nekoofar MH [47]     | ×        | ×     |             | 152            | 85     |        |      |      |      |      |
| Nematiollahi H [48]  | ×        | ×     |             | 3              | 1      |        |      |      |      |      |
| Nosrat A [49]        | ×        |       |             | 50             | 23     |        |      |      |      |      |
| Parirokh M [50]      | ×        |       |             | 44             | 29     |        |      |      |      |      |
| Parirokh M [51]      | ×        |       |             | 7              | 3      |        |      |      |      |      |
| Parirokh M [52]      | ×        |       |             | 7              | 5      |        |      |      |      |      |
| Parirokh M [53]      | ×        |       |             | 33             | 13     |        |      |      |      |      |
| Parirokh M [54]      | ×        |       |             | 509            | 273    |        |      |      |      |      |
| Parirokh M [55]      | ×        | ×     |             | 354            | 179    |        |      |      |      |      |
| Parirokh M [56]      | ×        | ×     |             | 7              | 2      |        |      |      |      |      |
| Parirokh M [57]      | ×        |       |             | 95             | 55     |        |      |      |      |      |
| Partovi M [58]       | ×        | ×     |             | 20             | 13     |        |      |      |      |      |
| Ravanmehr S [59]     | ×        | ×     |             | 52             | 22     |        |      |      |      |      |
| Ravanshad S [60]     | ×        |       |             | 31             | NA     |        |      |      |      |      |
| Sadeghein A [61]     | ×        | ×     |             | 17             | 6      |        |      |      |      |      |
| Shahi S [62]         | ×        | ×     |             | 12             | 6      |        |      |      |      |      |
| Shahi S [63]         | ×        | ×     |             | 11             | 3      |        |      |      |      |      |
| Shahrami FZ [64]     | ×        | ×     |             | 4              | 2      |        |      |      |      |      |
| Shahravan A [65]     | ×        | ×     | ×            | 175            | 81     |        |      |      |      |      |
| Tabarsi B [66]       | ×        |       |             | 81             | 48     |        |      |      |      |      |
| Zarei M [67]         | ×        |       |             | 10             | 7      |        |      |      |      |      |
The percentage of the Iranian authors’ papers that were quoted in Ingle’s endodontics were lower compared to the two other textbooks. The reason of this difference may be the year of publication of these books because the latest publication year of the Cohen’s Pathways of the Pulp and Bender and Seltzer’s Dental Pulp is 2016 and 2012, respectively. The number of published papers from Iranian authors in the field of endodontics has increased in recent years [69, 70].

**Conclusion**

The current study shows positive trend of Iranian endodontic articles quoted in three endodontic textbooks.

**Acknowledgment**

The authors wish to thank the ICER.

**Conflict of Interest:** 'None declared'.

**References**

1. Hargreaves KM. From Consent to CONSORT: Clinical Research in the 21st Century. J Endod. 2005;31(1):1-3.
2. Torabinejad M. Where is our evidence? J Endod. 2003;29(11):779.
3. Shirazi MS, Goltaji M. A Study of the Science Production in Dentistry Using Web of Science Database (2000-2009). J Dent (Shiraz). 2011;12(2):170-3.
4. Abbasi-pour F, Rastgar A, Bakhtiari H, Khalilkhani H, Aein-e-chichi M, Janahmadi M. The nociceptive and anti-nociceptive effects of white mineral trioxide aggregate. Int Endod J. 2009;42(9):794-801.
5. Amini F, Jafari A, Eslamian L, Sharifzadeh S. A cephalometric study on craniofacial morphology of Iranian children with beta-thalassemia major. Orthod Craniofac Res. 2007;10(1):36-44.
6. Asgary S, Parirorkh M, Eghbal MJ, Brink F. Chemical differences between white and gray mineral trioxide aggregate. J Endod. 2005;31(2):101-3.
7. Asgary S, Eghbal MJ. Treatment outcomes of pulpotomy in permanent molars with irreversible pulpitis using biomaterials: a multi-center randomized controlled trial. Acta Odontologica Scandinavica. 2013;71(1):130-6.
8. Asgary S, Eghbal MJ, Ghoddsi J, Yazdani S. One-year results of vital pulp therapy in permanent molars with irreversible pulpitis: an ongoing multicenter, randomized, non-inferiority clinical trial. Clin Oral Invest. 2013;17(2):431-9.
9. Asgary S, Moosavi S, Yadegari Z, Shahriri S. Cytotoxic effect of MTA and CEM cement in human gingival fibroblast cells. Scanning electronic microscope evaluation. N Y State Dent J. 2012;78(2):51-4.
10. Asgary S, Ehsani S. Permanent molar pulpotomy with a new endodontic cement: A case series. J Conserv Dent. 2009;12(1):31.
11. Asgary S, Eghbal MJ, Parirorkh M, Ghanavati F, Rahimi H. A comparative study of histologic response to different pulp capping materials and a novel endodontic cement. Oral Surg Oral Med Oral Pathol Oral Radiol Endod. 2008;106(4):609-14.
12. Ashraf H, Kazem M, Dianat O, Noghrehkar F. Efficacy of articaine versus lidocaine in block and infiltration anesthesia administered in teeth with irreversible pulpitis: a prospective, randomized, double-blind study. J Endod. 2013;39(1):6-10.
13. Azar NG, Heidari M, Bahrami ZS, Shokri F. In vitro cytotoxicity of a new epoxy resin root canal sealer. J Endod. 2000;26(8):462-5.
14. Birang R, Kaviani N, Mohammadpour M, Abed AM, Gutknecht N, Mir M. Evaluation of Nd: YAG laser on partial oxygen saturation of pulpal blood in anterior hypersensitive teeth. Lasers Med Sci. 2008;23(3):291-4.
15. Daneshkazemi A. Resistance of bonded composite restorations to fracture of endodontically treated teeth. J Contemp Dent Pract. 2004;5(3):51-8.
16. Dastmalchi N, Jafarzadeh H, Moradi S. Comparison of the efficacy of a custom-made pulse oximeter probe with digital electric pulp tester, cold spray, and rubber cup for assessing pulp vitality. J Endod. 2012;38(9):1182-6.

17. Eghbal MJ, Asgary S, Baglue RA, Parirokh M, Ghoddusi J. MTA pulpotomy of human permanent molars with irreversible pulpsitis. Aust Endod J. 2009;35(1):4-8.

18. Eskandarizadeh A, Shahpasandzadeh MH, Shahpasandzadeh M, Torabi M, Parirokh M. A comparative study on dental pulp response to calcium hydroxide, white and grey mineral trioxide aggregate as pulp capping agents. J Conserv Dent. 2011;14(4):351.

19. Farhad A, Mohammadi Z. Calcium hydroxide: a review. Int Endod J. 2005;55(5):293-301.

20. Ghoddusi J, Naghavi N, Zarei M, Rohani E. Mandibular first molar with four distal canals. J Endod. 2007;33(12):1481-3.

21. Homayouni H, majd NM, Zohrehei H, Mosavari B, Adel M, Djamir H, Homayouni A. The Effect of Root Canal Irrigation with Combination of Sodium Hypo-chlorite and Chlorhexidine Gluconate on the Sealing Ability of Obturation Materials. Open Dent J. 2014;8:184.

22. Jafarzadeh H, Azarpazhooh A, Mayhali A. Taurodontism: a review of the condition and endodontic treatment challenges. Int Endod J. 2008;41(5):375-88.

23. Jafarzadeh H, Abbott P. Review of pulp sensibility tests. Part I: general information and thermal tests. Int Endod J. 2010;43(9):738-62.

24. Jafarzadeh H, Abbott P. Review of pulp sensibility tests. Part II: electric pulp tests and test cavities. Int Endod J. 2010;43(11):945-58.

25. Jafarzadeh H, Abbott PV. Ledge formation: review of a great challenge in endodontics. J Endod. 2007;33(10):1155-62.

26. Jalalzadeh SM, Mamavi A, Shahriari S, Santos FA, Pochapski MT. Effect of preoperative alprazolam on the success of inferior alveolar nerve block for teeth with irreversible pulpitis. J Endod. 2005;31(10):952-7.

27. Kakooei et al. Effect of preoperative alprazolam on the success of inferior alveolar nerve block for teeth with irreversible pulpitis. J Endod. 2005;31(10):952-7.

28. Kaviani N, Khademi A, Ebtehaj I, Mohammadi Z. The effect of pretreatment prednisolone on postendodontic pain: a double-blind parallel-randomized clinical trial. J Endod. 2009;35(6):579-83.

29. Kaviani N, Khademi A, Torabinejad M, Shafiei F. Three-and-a-half-year Clinical evaluation of Posterior Composite resin in Children. J Dent Child (Chic). 2010;77(2):92-8.

30. Mehrvarzfar P, Shababi B, Sayyad R, Fallahdoost A. Effect of supraperoisteal injection of dexamethasone on postoperative pain. Aust Endod J. 2008;34(1):25-9.

31. Memarpour M, Mesbahi M, Shafiei F. The efficacy of ibuprofen, acetaminophen-codeine, and placebo premedication therapy on the depth of anesthesia during treatment of inflamed teeth. Oral Surg Oral Med Oral Pathol Oral Radiol Endod. 2006;102(3):399-403.

32. Modaresi J, Dianat O, Mozayeni MA. The efficacy comparison of ibuprofen, acetaminophen-codeine, and placebo premedication therapy on the depth of anesthesia during treatment of inflamed teeth. Oral Surg Oral Med Oral Pathol Oral Radiol Endod. 2006;102(3):399-403.

33. Modaresi J, Dianat O, Soluti A. Effect of pulp inflammation on nerve impulse quality with or without anesthesia. J Endod. 2008;34(4):438-41.

34. Moosavi H, Ghavamnasiri M, Manavi V. Effect of postoperative bleaching on marginal leakage of resin composite and resin-modified glass ionomer restorations at different delayed periods of exposure to carbamide peroxide. J Contemp Dent Pract. 2009(106):E009-16.

35. Mortazavi M, Mesbahi M. Comparison of zinc oxide and eugenol, and Vitapex for root canal treatment of necrotic primary teeth. J Paediatr Dent. 2004;14(6):417-24.

36. Mozayeni MA, Milanis AS, Marvasti LA, Asgary S. Cytotoxicity of calcium enriched mixture cement compared with mineral trioxide aggregate and intermediate restorative material. Aust Endod J. 2012;38(2):70-5.

37. Memarpour M, Shafiei F. The efficacy of ibuprofen, acetaminophen-codeine, and placebo premedication therapy on the depth of anesthesia during treatment of inflamed teeth. Oral Surg Oral Med Oral Pathol Oral Radiol Endod. 2006;102(3):399-403.

38. Memarpour M, Shafiei F. Three-and-a-half-year Clinical evaluation of Posterior Composite resin in Children. J Dent Child (Chic). 2010;77(2):92-8.

39. Memarpour M, Shafiei F. The efficacy of ibuprofen, acetaminophen-codeine, and placebo premedication therapy on the depth of anesthesia during treatment of inflamed teeth. Oral Surg Oral Med Oral Pathol Oral Radiol Endod. 2006;102(3):399-403.

40. Mehrvarzfar P, Shababi B, Sayyad R, Fallahdoost A. Effect of supraperoisteal injection of dexamethasone on postoperative pain. Aust Endod J. 2008;34(1):25-9.

41. Moosavi H, Ghavamnasiri M, Manavi V. Effect of postoperative bleaching on marginal leakage of resin composite and resin-modified glass ionomer restorations at different delayed periods of exposure to carbamide peroxide. J Contemp Dent Pract. 2009(106):E009-16.

42. Mozayeni MA, Milanis AS, Marvasti LA, Asgary S. Cytotoxicity of calcium enriched mixture cement compared with mineral trioxide aggregate and intermediate restorative material. Aust Endod J. 2012;38(2):70-5.

43. Memarpour M, Shafiei F. The efficacy of ibuprofen, acetaminophen-codeine, and placebo premedication therapy on the depth of anesthesia during treatment of inflamed teeth. Oral Surg Oral Med Oral Pathol Oral Radiol Endod. 2006;102(3):399-403.
52. Pariroukh M, Sadr S, Nakhaee N, Abbott P, Askarifard S. Efficacy of supplementary buccal infiltrations and intraligamentary injections to inferior alveolar nerve blocks in mandibular first molars with asymptomatic irreversible pulpitis: a randomized controlled trial. Int Endod J. 2014;47(10):926-33.

53. Pariroukh M, Satvati SA, Sharifi R, Rekabi AR, Gorjestani H, Nakhaee N, Abbott PV. Efficacy of combining a buccal infiltration with an inferior alveolar nerve block for mandibular molars with irreversible pulpitis. Oral Surg Oral Med Oral Pathol Oral Radiol Endod. 2010;109(3):468-73.

54. Pariroukh M, Torabinejad M. Mineral trioxide aggregate: a comprehensive literature review—part I: chemical, physical, and antibacterial properties. J Endod. 2010;36(1):16-27.

55. Pariroukh M, Kakoei S. Vital pulp therapy of mandibular incisors: a case report with 11-year follow up. Aust Endod J. 2006;32(2):75-8.

56. Pariroukh M, Asgary S, Eghbal MJ, Stowe S, Esfahani A, Eskandarizadeh A, Shabang S. A comparative study of white and grey mineral trioxide aggregate as pulp capping agents in dog’s teeth. Dent Traumatol. 2005;21(3):150-4.

57. Partovi M, Al-Havvaz AH, Soleimani B. In vitro computer analysis of crown discolouration from commonly used endodontic sealers. Aust Endod J. 2006;32(3):116-9.

58. Ravanshad S, Torabinejad M. Coronal dye penetration of the apical filling materials after post space preparation. Oral surgery, oral medicine, oral pathology. 1992;74(5):644-7.

59. Ravanshad S, Ghoreeshi N. An In Vitro Study Of Coronal Microleakage In Endodontically-Treated Teeth Restored With Posts. Aust Endod J. 2003;29(3):128-33.

60. Sadegehin A, Shahidi N, Dehpour AR. A comparison of ketorolac tromethamine and acetaminophen codeine in the management of acute apical periodontitis. J Endod. 1999;25(4):257-9.

61. Shahi S, Mokhtari H, Rahimi H, Yavari HR, Shirami F, Sharifi E, Forghani M, Afkhami F, Marouzi P. Comparison of the anaesthetic efficacy of and heart rate changes after periodontal ligament or intraosseous X-Tip injection in mandibular molars: a randomized controlled clinical trial. Int Endod J. 2012;45(10):921-6.

62. Shahi S, Zand V, Oskoei SS, Abdolrahimi M, Rahnema AH. An in vitro study of the effect of spreader penetration depth on apical microleakage. Int J Oral Sci. 2007;49(4):283-6.

63. Shahrami F, Zaree M, Mir APB, Abdollahi-Armani M, Megaran A. Comparison of tooth crown discoloration with Epiphany and AH26 sealer in terms of chroma and value: an in vitro study. Braz J Oral Sci. 2011;10(3):171-4.

64. Shahranan A, Haghdoot A-A, Adl A, Rahimi H, Shadifar E. Effect of smear layer on sealing ability of canal obturation: a systematic review and meta-analysis. J Endod. 2007;33(2):96-105.

65. Tabarsi B, Pariroukh M, Eghbal M, Haghdoot A, Torabzadeh H, Asgary S. A comparative study of dental pulp response to several pulpotomy agents. Int Endod J. 2010;43(7):565-71.

66. Zarei M, Ghoddusi J, Sharifi E, Forghani M, Afkhami F, Marouzi P. Comparison of the anaesthetic efficacy of and heart rate changes after periodontal ligament or intraosseous X-Tip injection in mandibular molars: a randomized controlled clinical trial. Int Endod J. 2012;45(10):921-6.

67. Peiris R, Takahashi M, Sasaki K, Kanazawa E. Root and canal morphology of permanent mandibular molars in a Sri Lankan population. Odontology. 2007;95(1):16-23.

68. Asgary S, Motazedian HR, Pariroukh M, Eghbal MJ, Kheiriesh H. Twenty years of research on mineral trioxide aggregate: a scientometric report. Iran Endod J. 2013;8(1):1-5.

69. Eghbal MJ, Ardakani ND, Asgary S. A scientometric study of PubMed-indexed endodontic articles: a comparison between Iran and other regional countries. Iran Endod J. 2012;7(2):56-9.

70. Yaminfirooz M, Motallebnejad M, Gholinia H, Esbakin S. Quantitative and Qualitative Evaluation of Iranian Researchers’ Scientific Production in Dentistry Subfields. Acta Informatica Medica. 2015;23(5):301.

Please cite this paper as: Kakooei S, Mostafavi M, Pariroukh M, Asgary S. Indexing of Iranian Publications in Well-known Endodontic Textbooks: A Scientometric Analysis. Iran Endod J. 2016;11(3):157-63. DOI: 10.7508/iej.2016.03.002.