Zahed Mohammadi

List of Publications by Year
in descending order

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90 papers	2,728 citations	331259 21 h-index	197535 49 g-index
94 all docs	94 docs citations	94 times ranked	2493 citing authors

#	Article	IF	Citations
1	Properties and applications of calcium hydroxide in endodontics and dental traumatology. International Endodontic Journal, 2011, 44, 697-730.	2.3	487
2	The properties and applications of chlorhexidine in endodontics. International Endodontic Journal, 2009, 42, 288-302.	2.3	376
3	Sodium hypochlorite in endodontics: an update review. International Dental Journal, 2008, 58, 329-341.	1.0	283
4	Calcium hydroxide: a review. International Dental Journal, 2005, 55, 293-301.	1.0	145
5	On the local applications of antibiotics and antibioticâ€based agents in endodontics and dental traumatology. International Endodontic Journal, 2009, 42, 555-567.	2.3	104
6	Antimicrobial substantivity of root canal irrigants and medicaments: A review. Australian Endodontic Journal, 2009, 35, 131-139.	0.6	98
7	Evaluation of the antibacterial substantivity of several intra-canal agents. Australian Endodontic Journal, 2006, 32, 112-115.	0.6	79
8	Comparison of the surface tension of 5.25% sodium hypochlorite solution with three new sodium hypochloriteâ€based endodontic irrigants. International Endodontic Journal, 2012, 45, 129-135.	2.3	61
9	Ethylenediaminetetraacetic acid in endodontics. European Journal of Dentistry, 2013, 07, S135-S142.	0.8	61
10	Residual antibacterial activity of chlorhexidine and MTAD in human root dentin in vitro. Journal of Oral Science, 2008, 50, 63-67.	0.7	52
11	Microbial Biofilms in Endodontic Infections: An Update Review. Biomedical Journal, 2013, 36, 59.	1.4	51
12	Agonistic and Antagonistic Interactions between Chlorhexidine and Other Endodontic Agents: A Critical Review. Iranian Endodontic Journal, 2015, 10, 1-5.	0.8	45
13	A Review on Triple Antibiotic Paste as a Suitable Material Used in Regenerative Endodontics. Iranian Endodontic Journal, 2018, 13, 1-6.	0.8	42
14	Laser applications in endodontics: an update review. International Dental Journal, 2009, 59, 35-46.	1.0	35
15	Comparison of cone-beam computed tomography with intraoral photostimulable phosphor imaging plate for diagnosis of endodontic complications: a simulation study. Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology, 2012, 114, e54-e61.	0.2	31
16	Antimicrobial efficacy of chlorhexidine as a root canal irrigant: a literature review. Journal of Oral Science, 2014, 56, 99-103.	0.7	26
17	Penetration of Sodium Hypochlorite Modified with Surfactants into Root Canal Dentin. Brazilian Dental Journal, 2016, 27, 208-216.	0.5	26
18	Smear Layer Removing Ability of Root Canal Irrigation Solutions: A Review. Journal of Contemporary Dental Practice, 2019, 20, 395-402.	0.2	26

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19	Impact of Ultrasonic Activation on the Effectiveness of Sodium Hypochlorite: A Review. Iranian Endodontic Journal, 2015, 10, 216-20.	0.8	26
20	One-visit versus multiple-visit endodontic therapy â€" a review. International Dental Journal, 2006, 56, 289-293.	1.0	25
21	Chlorhexidine gluconate, its properties and applications in endodontics. Iranian Endodontic Journal, 2008, 2, 113-25.	0.8	24
22	Strategies to manage permanent non-vital teeth with open apices: a clinical update. International Dental Journal, 2011, 61, 25-30.	1.0	22
23	Management of Root Resorption Using Chemical Agents: A Review. Iranian Endodontic Journal, 2016, 11, 1-7.	0.8	22
24	Evaluation of the antifungal effects of mineral trioxide aggregate materials. Australian Endodontic Journal, 2006, 32, 120-122.	0.6	21
25	Residual antibacterial activity of a new modified sodium hypochlorite-based endodontic irrigation solution. Medicina Oral, Patologia Oral Y Cirugia Bucal, 2011, 16, e588-e592.	0.7	19
26	Antibacterial activity of a new mineral trioxide aggregate-based root canal sealer. International Dental Journal, 2012, 62, 70-73.	1.0	19
27	An update on the management of endodontic biofilms using root canal irrigants and medicaments. Iranian Endodontic Journal, 2014, 9, 89-97.	0.8	19
28	Antibacterial substantivity of a new antibioticâ€based endodontic irrigation solution. Australian Endodontic Journal, 2012, 38, 26-30.	0.6	18
29	A Review Over Benefits and Drawbacks of Combining Sodium Hypochlorite with Other Endodontic Materials. Open Dentistry Journal, 2017, 11, 661-669.	0.2	18
30	The in vitro Effect of Irrigants with Low Surface Tension on Enterococcus faecalis. Iranian Endodontic Journal, 2015, 10, 174-8.	0.8	18
31	The effect of orally administered ketamine on requirement for anesthetics and postoperative pain in mandibular molar teeth with irreversible pulpitis. Journal of Oral Science, 2011, 53, 461-465.	0.7	17
32	A review of the properties and applications of ozone in endodontics: an update. Iranian Endodontic Journal, 2013, 8, 40-3.	0.8	17
33	A Review of the Various Surface Treatments of NiTi Instruments. Iranian Endodontic Journal, 2014, 9, 235-40.	0.8	16
34	Clinical applications of glass ionomers in endodontics: a review. International Dental Journal, 2012, 62, 244-250.	1.0	15
35	Unusual Root Canal Irrigation Solutions. Journal of Contemporary Dental Practice, 2017, 18, 415-420.	0.2	13
36	Photodynamic Therapy in Endodontics. Journal of Contemporary Dental Practice, 2017, 18, 534-538.	0.2	13

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37	Is chlorhexidine an ideal vehicle for calcium hydroxide? A microbiologic review. Iranian Endodontic Journal, 2012, 7, 115-22.	0.8	13
38	Extra Roots and Root Canals in Premolar and Molar Teeth: Review of an Endodontic Challenge. Journal of Contemporary Dental Practice, 2013, 14, 980-986.	0.2	12
39	Evaluation of residual antibacterial activity of three concentrations of new root canal irrigation solution. New York State Dental Journal, 2008, 74, 31-3.	0.2	12
40	Evaluating calcified carotid artery atheromas in panoramic radiographs of patients with type 2 diabetes mellitus. Oral Radiology, 2007, 23, 6-9.	0.9	11
41	Comparative wettability of different sodium hypochlorite solutions. Giornale Italiano Di Endodonzia, 2012, 26, 57-62.	0.3	11
42	Recent Advances in Root Canal Disinfection: A Review. Iranian Endodontic Journal, 2017, 12, 402-406.	0.8	11
43	A Clinical Update on the Different Methods to Decrease the Occurrence of Missed Root Canals. Iranian Endodontic Journal, 2016, 11, 208-13.	0.8	11
44	A comparative study of antifungal activity of endodontic irrigants. Iranian Endodontic Journal, 2015, 10, 144-7.	0.8	11
45	Root Canal Irrigants and Dentin Bonding: An Update. Iranian Endodontic Journal, 2017, 12, 131-136.	0.8	10
46	An update on the antibiotic-based root canal irrigation solutions. Iranian Endodontic Journal, 2008, 3, 1-7.	0.8	10
47	Evaluation of the antibacterial activity of new root canal sealers. Journal of Clinical Dentistry, 2007, 18, 70-2.	0.9	10
48	Antimicrobial activity of sodium hypochlorite in endodontics. Journal of the Massachusetts Dental Society, 2013, 62, 28-31.	0.0	10
49	Evaluation of the antifungal activity of four solutions used as a final rinse in vitro. Australian Endodontic Journal, 2013, 39, 31-34.	0.6	9
50	Influence of Temperature on the Antibacterial Activity of Sodium Hypochlorite. Brazilian Dental Journal, 2016, 27, 32-36.	0.5	9
51	Antimicrobial effectiveness of etidronate powder (Dual RinseÂ® HEDP) and two EDTA preparations against Enterococcus faecalis: a preliminary laboratory study. Odontology / the Society of the Nippon Dental University, 2020, 108, 396-405.	0.9	9
52	In vitro evaluation of antibacterial activities of root canal sealers. Journal of Clinical Dentistry, 2005, 16, 114-6.	0.9	9
53	Establishing Apical Patency: To be or not to be?. Journal of Contemporary Dental Practice, 2017, 18, 326-329.	0.2	8
54	Effect of Hydroxyapatite and Bovine Serum Albumin on the Antibacterial Activity of MTA. Iranian Endodontic Journal, 2011, 6, 136-9.	0.8	8

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55	Endotoxin in endodontic infections: a review. Journal of the California Dental Association, 2011, 39, 152-5, 158-61.	0.0	8
56	Effect of Hydrogen Peroxide on the Antibacterial Substantivity of Chlorhexidine. International Journal of Dentistry, 2010, 2010, 1-4.	0.5	7
57	Resilon: Review of a New Material for Obturation of the Canal. Journal of Contemporary Dental Practice, 2015, 16, 407-414.	0.2	7
58	Local applications of tetracyclines in endodontics and dental trauma: a review. Dentistry Today, 2009, 28, 95-6, 98, 100-1; quiz 101.	0.1	7
59	Antibacterial Power of Sodium Hypochlorite Combined with Surfactants and Acetic Acid. Brazilian Dental Journal, 2014, 25, 289-294.	0.5	6
60	Root and Root Canal Morphology of Human Third Molar Teeth. Journal of Contemporary Dental Practice, 2015, 16, 310-313.	0.2	6
61	The effect of heat-killed Candida albicans and dentin powder on the antibacterial activity of chlorhexidine solution. Iranian Endodontic Journal, 2012, 7, 63-7.	0.8	6
62	An Evaluation of the Sealing Ability of MTA and Resilon: A Bacterial Leakage Study. Iranian Endodontic Journal, 2007, 2, 43-6.	0.8	6
63	An Evaluation of MTA Cements as Coronal Barrier. Iranian Endodontic Journal, 2006, 1, 106-8.	0.8	6
64	Chemomechanical strategies to manage endodontic infections. Dentistry Today, 2010, 29, 91-2, 94, 96 passim; quiz 99.	0.1	6
65	Smear Layer Removing Ability of Root Canal Irrigation Solutions: A Review. Journal of Contemporary Dental Practice, 2019, 20, 395-402.	0.2	6
66	Additive and reducing Effects between Calcium Hydroxide and Current Irrigation Solutions. Journal of Contemporary Dental Practice, 2017, 18, 246-249.	0.2	5
67	Non-Surgical Repair of Internal Resorption with MTA: A Case Report. Iranian Endodontic Journal, 2012, 7, 211-4.	0.8	5
68	Antimicrobial effect of three new and two established root canal irrigation solutions. General Dentistry, 2012, 60, 534-7; quiz p.538-9.	0.4	5
69	The effect of post space preparation in teeth obturated with Mineral Trioxide Aggregate evaluated using a fluid filtration system. Journal of Oral Science, 2010, 52, 567-570.	0.7	4
70	Genotoxicity of Endodontic Materials: A Critical Review. Journal of Contemporary Dental Practice, 2015, 16, 692-696.	0.2	4
71	An Evaluation of Dentin's Effect on the Antifungal Activity of MTA Cements. Iranian Endodontic Journal, 2007, 2, 1-4.	0.8	4
72	Calcium hydroxide-based root canal sealers: an updated literature review. Compendium of Continuing Education in Dentistry (jamesburg, N J: 1995), 2014, 35, 334-9; quiz 340.	0.1	4

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73	Debridement effectiveness of two different techniques using negative pressure irrigation system. Giornale Italiano Di Endodonzia, 2012, 26, 117-127.	0.3	3
74	Systemic and local applications of steroids in endodontics: an update review. , 2009, 59, 297.		3
75	MTAD: a review of a promising endodontic irrigant. New York State Dental Journal, 2012, 78, 47-53.	0.2	3
76	Additive and reducing Effects between Calcium Hydroxide and Current Irrigation Solutions. Journal of Contemporary Dental Practice, 2017, 18, 246-249.	0.2	3
77	Laser-based Disinfection of the Root Canal System: An Update. Journal of Contemporary Dental Practice, 2017, 18, 74-77.	0.2	2
78	Lasers in Apicoectomy: A Brief Review. Journal of Contemporary Dental Practice, 2017, 18, 170-173.	0.2	2
79	In vitro evaluation of antifungal effects of mineral trioxide aggregate and portland cement on Candida albicans. Iranian Endodontic Journal, 2006, 1, 137-40.	0.8	2
80	Orthograde root filling of an immature nonvital tooth using MTA. Dentistry Today, 2008, 27, 102, 104-5.	0.1	2
81	Lasers as aids for cleaning, shaping, and obturation of the root canal system. Dentistry Today, 2009, 28, 81-2, 84, 86; quiz 87, 80.	0.1	2
82	Effect of dentin treatment time with tetraclean on its residual antibacterial activity. Journal of the California Dental Association, 2010, 38, 853-6.	0.0	2
83	Obturation of immature non-vital tooth using MTA. Case report. New York State Dental Journal, 2011, 77, 33-5.	0.2	2
84	Mineral trioxide aggregate (MTA)-like materials: an update review. Compendium of Continuing Education in Dentistry (jamesburg, N J: 1995), 2014, 35, 557-61: quiz 562.	0.1	2
85	Local Applications of Antibiotics and Antibiotic-Based Agents in Endodontics. , 2015, , 253-266.		1
86	Quantifying the extruded bacteria following use of two rotary instrumentation systems. Iranian Endodontic Journal, 2007, 2, 77-80.	0.8	1
87	Endodontic Considerations in Three-canalled Premolars: A Practical Update. Iranian Endodontic Journal, 2016, 11, 134-7.	0.8	1
88	Iodine compounds in endodontics: an update review. Dentistry Today, 2009, 28, 58, 60-3; quiz 63.	0.1	1
89	Effect of initial irrigation with sodium hypochlorite on residual antibacterial activity of tetraclean. New York State Dental Journal, 2013, 79, 32-6.	0.2	1
90	Ozone Application in Endodontics. , 2015, , 221-226.		0