

Mehrdad Lotfi

List of Publications by Year in descending order

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74
papers

1,847
citations

236612

25
h-index

301761

39
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74
all docs

74
docs citations

74
times ranked

1555
citing authors

#	ARTICLE	IF	CITATIONS
1	Endodontic Management of a Two-rooted Mandibular First Premolar with Five Root Canals with Cone-beam Computed Tomography: A Case Report. <i>Journal of Dentistry</i> , 2021, 22, 225-228.	0.1	0
2	Fabrication of novel dental nanocomposites and investigation their physicochemical and biological properties. <i>Materials Research Express</i> , 2018, 5, 035406.	0.8	11
3	Novel dental nanocomposites: fabrication and investigation of their physicochemical, mechanical and biological properties. <i>Bulletin of Materials Science</i> , 2018, 41, 1.	0.8	2
4	Effect of containing silica fume on cytotoxicity of white mineral trioxide aggregate. <i>Dental Research Journal</i> , 2018, 15, 146.	0.2	0
5	Comparison of Setting Time of White Mineral Trioxide Aggregate with and without Disodium Hydrogen Phosphate at Different Liquid-to-powder Ratios. <i>Journal of Contemporary Dental Practice</i> , 2018, 19, 988-991.	0.2	3
6	Effect of containing silica fume on cytotoxicity of white mineral trioxide aggregate. <i>Dental Research Journal</i> , 2018, 15, 146-149.	0.2	0
7	Comparison of Setting Time of White Mineral Trioxide Aggregate with and without Disodium Hydrogen Phosphate at Different Liquid-to-powder Ratios. <i>Journal of Contemporary Dental Practice</i> , 2018, 19, 988-991.	0.2	0
8	Calcium silicate-based cements and functional impacts of various constituents. <i>Dental Materials Journal</i> , 2017, 36, 8-18.	0.8	55
9	Synthesis and characterization of potential multifunctional methacrylate-based dental monomers. <i>Research on Chemical Intermediates</i> , 2017, 43, 5707-5722.	1.3	9
10	Bond Strength of White Mineral Trioxide Aggregate with and without Disodium Hydrogen Phosphate with Different Liquid-to-Powder Ratios. <i>Iranian Endodontic Journal</i> , 2017, 12, 293-297.	0.8	4
11	Functional dendritic compounds: potential prospective candidates for dental restorative materials and in situ re-mineralization of human tooth enamel. <i>RSC Advances</i> , 2016, 6, 43127-43146.	1.7	24
12	Antibacterial Efficacy of Different Concentrations of Sodium Hypochlorite Gel and Solution on Biofilm. <i>Iranian Endodontic Journal</i> , 2016, 11, 315-319.	0.8	23
13	Tissue Reaction and Biocompatibility of Implanted Mineral Trioxide Aggregate with Silver Nanoparticles in a Rat Model. <i>Iranian Endodontic Journal</i> , 2016, 11, 13-6.	0.8	26
14	Postoperative Pain after Endodontic Treatment of Asymptomatic Teeth Using Rotary Instruments: A Randomized Clinical Trial. <i>Iranian Endodontic Journal</i> , 2016, 11, 38-43.	0.8	20
15	Comparison of Manual and Rotary Instrumentation on Postoperative Pain in Teeth with Asymptomatic Irreversible Pulpitis: A Randomized Clinical Trial. <i>Iranian Endodontic Journal</i> , 2016, 11, 273-279.	0.8	13
16	Effect of particle size on calcium release and elevation of pH of endodontic cements. <i>Dental Traumatology</i> , 2015, 31, 196-201.	0.8	25
17	Response from the authors. <i>Dental Traumatology</i> , 2015, 31, 161-161.	0.8	0
18	Effects of various mixing techniques on physical properties of White Mineral Trioxide Aggregate. <i>Dental Traumatology</i> , 2014, 30, 240-245.	0.8	5

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19	The effect of electrical treatment on cyclic fatigue of NiTi instruments. <i>Scanning</i> , 2014, 36, 507-511.	0.7	2
20	Antimicrobial Efficacy of Photodynamic Therapy and Sodium Hypochlorite on Monoculture Biofilms of <i>Enterococcus faecalis</i> at Different Stages of Development. <i>Photomedicine and Laser Surgery</i> , 2014, 32, 245-251.	2.1	35
21	The effect of pH on solubility of nano-modified endodontic cements. <i>Journal of Conservative Dentistry</i> , 2014, 17, 13.	0.3	19
22	Effect of smear layer on the push-out bond strength of two endodontic biomaterials to radicular dentin. <i>Iranian Endodontic Journal</i> , 2014, 9, 41-4.	0.8	33
23	A scanning electron microscope study on the effect of an experimental irrigation solution on smear layer removal. <i>Iranian Endodontic Journal</i> , 2014, 9, 131-6.	0.8	5
24	A review of antibacterial agents in endodontic treatment. <i>Iranian Endodontic Journal</i> , 2014, 9, 161-8.	0.8	45
25	Effect of Mineral Trioxide Aggregate, Calcium-Enriched Mixture Cement and Mineral Trioxide Aggregate with Disodium Hydrogen Phosphate on BMP-2 Production. <i>Iranian Endodontic Journal</i> , 2014, 9, 220-4.	0.8	25
26	Push-out bond strength of a nano-modified mineral trioxide aggregate. <i>Dental Traumatology</i> , 2013, 29, 323-327.	0.8	56
27	Effect of Blood Contamination on the Retention Characteristics of Two Endodontic Biomaterials in Simulated Furcation Perforations. <i>Journal of Endodontics</i> , 2013, 39, 697-700.	1.4	70
28	The effect of <i>Morinda Citrifolia</i> juice as an endodontic irrigant on smear layer and microhardness of root canal dentin. <i>Oral Science International</i> , 2013, 10, 53-57.	0.3	15
29	Removal of White Mineral Trioxide Aggregate Cement: A Promising Approach. <i>BioMed Research International</i> , 2013, 2013, 1-7.	0.9	7
30	Effect of pH on compressive strength of some modification of mineral trioxide aggregate. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2013, 18, e714-e720.	0.7	34
31	Prevalence of two root canals in human mandibular anterior teeth in an Iranian population. <i>Indian Journal of Dental Research</i> , 2013, 24, 234.	0.1	36
32	Subcutaneous connective tissue reactions to various endodontic biomaterials: an animal study. <i>Journal of Dental Research, Dental Clinics, Dental Prospects</i> , 2013, 7, 15-21.	0.4	7
33	Comparison of shear bond strength of resin-modified glass ionomer and composite resin to three pulp capping agents. <i>Journal of Dental Research, Dental Clinics, Dental Prospects</i> , 2013, 7, 164-8.	0.4	15
34	Resilon: a comprehensive literature review. <i>Journal of Dental Research, Dental Clinics, Dental Prospects</i> , 2013, 7, 119-30.	0.4	22
35	Effect of smear layer on the push-out bond strength of two different compositions of white mineral trioxide aggregate. <i>Iranian Endodontic Journal</i> , 2013, 8, 157-9.	0.8	25
36	Antimicrobial Efficacy of Mineral Trioxide Aggregate with and without Silver Nanoparticles. <i>Iranian Endodontic Journal</i> , 2013, 8, 166-70.	0.8	42

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37	Application of mercury intrusion porosimetry for studying the porosity of mineral trioxide aggregate at two different pH. <i>Acta Odontologica Scandinavica</i> , 2012, 70, 78-82.	0.9	26
38	Effect of storage temperature on sealing ability and solubility of White Mineral Trioxide Aggregate. <i>Acta Odontologica Scandinavica</i> , 2012, 70, 536-540.	0.9	8
39	Back-scattered and secondary electron images of scanning electron microscopy in dentistry: a new method for surface analysis. <i>Acta Odontologica Scandinavica</i> , 2012, 70, 603-609.	0.9	27
40	The Reliability of Artificial Neural Network in Locating Minor Apical Foramen: A Cadaver Study. <i>Journal of Endodontics</i> , 2012, 38, 1130-1134.	1.4	47
41	Nanomodification of mineral trioxide aggregate for enhanced physiochemical properties. <i>International Endodontic Journal</i> , 2012, 45, 979-988.	2.3	65
42	Effect of MTAD as a Final Rinse on Removal of Smear Layer in Ten-minute Preparation Time. <i>Journal of Endodontics</i> , 2012, 38, 1391-1394.	1.4	25
43	Effects of Diode Laser and MTAD on the Push-Out Bond Strength of Mineral Trioxide Aggregate-Dentin Interface. <i>Photomedicine and Laser Surgery</i> , 2012, 30, 587-591.	2.1	10
44	Comparison of two histopathologic methods for evaluating subcutaneous reaction to mineral trioxide aggregate. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2012, 17, e41-e44.	0.7	5
45	The Effect of Some Fluids on Surface Oxidation and Amount of Released Iron of Stainless Steel Endodontic Files. <i>Scanning</i> , 2012, 34, 309-315.	0.7	5
46	Effects of three oral analgesics on postoperative pain following root canal preparation: a controlled clinical trial. <i>International Endodontic Journal</i> , 2012, 45, 76-82.	2.3	51
47	Influence of white mineral trioxide aggregate on inflammatory cells before and after expiry date. <i>Dental Traumatology</i> , 2012, 28, 302-305.	0.8	2
48	A new approach for locating the minor apical foramen using an artificial neural network. <i>International Endodontic Journal</i> , 2012, 45, 257-265.	2.3	72
49	Effect of Synthetic Tissue Fluid on Microleakage of Grey and White Mineral Trioxide Aggregate as Root-End Filling Materials : An in Vitro Study. <i>Sultan Qaboos University Medical Journal</i> , 2012, 12, 323-329.	0.3	7
50	Effect of Duration of Irrigation with Sodium Hypochlorite in Clinical Protocol of MTAD on Removal of Smear Layer and Creating Dentinal Erosion. <i>Journal of Dental Research, Dental Clinics, Dental Prospects</i> , 2012, 6, 79-84.	0.4	3
51	Penetration of Epiphany, Epiphany Self-Etch, and AH Plus into Dentinal Tubules: A Scanning Electron Microscopy Study. <i>Journal of Endodontics</i> , 2011, 37, 1316-1319.	1.4	40
52	The impact of pH on cytotoxic effects of three root canal irrigants. <i>Saudi Dental Journal</i> , 2011, 23, 149-152.	0.5	9
53	Evaluation of the amount of apically extruded debris using Mtwo and RaCe systems - An in vitro study. <i>African Journal of Biotechnology</i> , 2011, 10, .	0.3	1
54	Effect of alkaline ph on sealing ability of white mineral trioxide aggregate. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2011, 16, e1014-e1016.	0.7	17

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55	Removal of Gutta-Percha/Zinc-Oxide-Eugenol Sealer or Gutta-Percha/Epoxy Resin Sealer from Severely Curved Canals: An In Vitro Study. <i>International Journal of Dentistry</i> , 2011, 2011, 1-6.	0.5	10
56	Microleakage comparison of glass-ionomer and white mineral trioxide aggregate used as a coronal barrier in nonvital bleaching. <i>Medicina Oral, Patologia Oral Y Cirugia Bucal</i> , 2011, 16, e1017-e1021.	0.7	37
57	Analysis of epidermal growth factor receptor in histopathologically tumor-free surgical margins in patients with oral squamous cell carcinoma. <i>African Journal of Biotechnology</i> , 2011, 11, .	0.3	0
58	Dentigerous cyst associated with a mesiodens: a case report. <i>Journal of Dental Research, Dental Clinics, Dental Prospects</i> , 2011, 5, 76-8.	0.4	5
59	Cyclic Fatigue Resistance and Fractographic Analysis of Race and Protaper Rotary NiTi Instruments. <i>Iranian Endodontic Journal</i> , 2011, 6, 80-6.	0.8	14
60	Morphological behavior and attachment of p19 neural cells to rootâ€nd filling materials. <i>Scanning</i> , 2010, 32, 369-374.	0.7	10
61	A Comparative Scanning Electron Microscopic Investigation of the Smear Layer after the Use of Sodium Hypochlorite Gel and Solution Forms as Root Canal Irrigants. <i>Journal of Endodontics</i> , 2010, 36, 1234-1237.	1.4	29
62	Effects of Storage Temperature on Surface Hardness, Microstructure, and Phase Formation of White Mineral Trioxide Aggregate. <i>Journal of Endodontics</i> , 2010, 36, 1414-1418.	1.4	26
63	Push-out Bond Strength of Mineral Trioxide Aggregate in the Presence of Alkaline pH. <i>Journal of Endodontics</i> , 2010, 36, 1856-1859.	1.4	94
64	Effect of Er, Cr: YSGG Laser Irradiation on <i>Enterococcus faecalis</i> Infected Root Canals. <i>Photomedicine and Laser Surgery</i> , 2010, 28, S-91-S-96.	2.1	32
65	A study of the relation between erosion and microhardness of root canal dentin. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2009, 108, e29-e34.	1.6	52
66	Effect of White Mineral Trioxide Aggregate Mixed With Disodium Hydrogen Phosphate on Inflammatory Cells. <i>Journal of Endodontics</i> , 2009, 35, 703-705.	1.4	41
67	Scanning Electron Micrograph and Surface Hardness of Mineral Trioxide Aggregate in the Presence of Alkaline pH. <i>Journal of Endodontics</i> , 2009, 35, 706-710.	1.4	45
68	Proliferative Periostitis: A Case Report. <i>Journal of Endodontics</i> , 2008, 34, 481-483.	1.4	6
69	Influence of White versus Gray Mineral Trioxide Aggregate on Inflammatory Cells. <i>Journal of Endodontics</i> , 2008, 34, 715-717.	1.4	53
70	Effect of pH on Sealing Ability of White Mineral Trioxide Aggregate as a Root-end Filling Material. <i>Journal of Endodontics</i> , 2008, 34, 1226-1229.	1.4	98
71	Comparison of microleakage with three different thicknesses of mineral trioxide aggregate as root-end filling material. <i>Journal of Oral Science</i> , 2008, 50, 273-277.	0.7	21
72	A mandibular second premolar with three canals and atypical orifices. <i>Journal of Oral Science</i> , 2008, 50, 363-366.	0.7	10

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73	Root canal configuration and the prevalence of C-shaped canals in mandibular second molars in an Iranian population. <i>Journal of Oral Science</i> , 2008, 50, 9-13.	0.7	53
74	A Comparative Study of the Biocompatibility of Three Root-end Filling Materials in Rat Connective Tissue. <i>Journal of Endodontics</i> , 2006, 32, 776-780.	1.4	78