Shahriar Shahi

List of Publications by Year
in descending order

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77	1,816	236833	315616
papers	citations	25 h-index	38 g-index

77	77	77	1819
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Portland Cement: An Overview as a Root Repair Material. BioMed Research International, 2022, 2022, 1-13.	0.9	11
2	Effect of intraradicular reinforcement strategies on the fracture strength of endodontically treated anterior teeth with overflared canals. Journal of Clinical and Experimental Dentistry, 2022, 14, e79-e84.	0.5	1
3	Towards Induction of Angiogenesis in Dental Pulp Stem Cells Using Chitosan-Based Hydrogels Releasing Basic Fibroblast Growth Factor. BioMed Research International, 2022, 2022, 1-12.	0.9	6
4	Safety Issues of Nanomaterials for Dermal Pharmaceutical Products. Pharmaceutical Nanotechnology, 2022, 10, 334-341.	0.6	0
5	Antimicrobial Benefits of Flavonoids and their Nanoformulations. Current Pharmaceutical Design, 2022, 28, 1419-1432.	0.9	4
6	Osteogenic Differentiation of Mesenchymal Stem Cells via Curcumin-Containing Nanoscaffolds. Stem Cells International, 2021, 2021, 1-9.	1.2	48
7	Bioactive chitosan biguanidine-based injectable hydrogels as a novel BMP-2 and VEGF carrier for osteogenesis of dental pulp stem cells. Carbohydrate Polymers, 2021, 273, 118589.	5.1	47
8	Safety and Toxicity Issues of Therapeutically Used Nanoparticles from the Oral Route. BioMed Research International, 2021, 2021, 1-14.	0.9	11
9	Effect of RaCe, ProTaper, and V-Taper rotary systems on dentinal crack formation during endodontic treatment: An in vitro study. Journal of Dental Research, Dental Clinics, Dental Prospects, 2021, 15, 251-255.	0.4	0
10	Biocompatibility, cytotoxicity and antibacterial effects of meropenem-loaded mesoporous silica nanoparticles against carbapenem-resistant Enterobacteriaceae. Artificial Cells, Nanomedicine and Biotechnology, 2020, 48, 1354-1361.	1.9	17
11	In vitro induction of odontogenic activity of human dental pulp stem cells by white Portland cement enriched with zirconium oxide and zinc oxide components. Journal of Dental Research, Dental Clinics, Dental Prospects, 2019, 13, 3-10.	0.4	12
12	Role of vitamin D and vitamin D receptor (VDR) in oral cancer. Biomedicine and Pharmacotherapy, 2019, 109, 391-401.	2.5	48
13	A review on potential toxicity of dental material and screening their biocompatibility. Toxicology Mechanisms and Methods, 2019, 29, 368-377.	1.3	51
14	Outcome of Surgery as Sole Treatment of Eosinophilic Granuloma of Jaws. Journal of Dentistry, 2019, 20, 210-214.	0.1	1
15	Local treatment of the dental caries using nanomaterials. Biomedicine and Pharmacotherapy, 2018, 108, 443-447.	2.5	44
16	Success Rate of 3 Injection Methods with Articaine for Mandibular First Molars with Symptomatic Irreversible Pulpitis: A CONSORT Randomized Double-blind Clinical Trial. Journal of Endodontics, 2018, 44, 1462-1466.	1.4	30
17	Polymerase chain reaction (PCR)-based methods: Promising molecular tools in dentistry. International Journal of Biological Macromolecules, 2018, 117, 983-992.	3.6	21
18	STAT3 and apoptosis challenges in cancer. International Journal of Biological Macromolecules, 2018, 117, 993-1001.	3.6	132

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19	A short view on nanohydroxyapatite as coating of dental implants. Biomedicine and Pharmacotherapy, 2018, 105, 553-557.	2.5	71
20	Effect of Different Additives on Genotoxicity of Mineral Trioxide Aggregate. Iranian Endodontic Journal, 2018, 13, 37-41.	0.8	2
21	The Effect of a Mineralized Bone Graft on the Surface Microhardness of Mineral Trioxide Aggregate and Biodentine. Iranian Endodontic Journal, 2018, 13, 83-87.	0.8	4
22	Effect of the Bone Graft on the Surface Microhardness of Endodontic Biomaterials. Iranian Endodontic Journal, 2018, 13, 200-203.	0.8	0
23	Endodontic microleakage studies: correlation among different methods, clinical relevance, and potential laboratory errors. Minerva Dental and Oral Science, 2017, 66, 169-177.	0.5	5
24	Effects of different intra canal medicaments on the push out bond strength of endodontic sealers. Journal of Clinical and Experimental Dentistry, 2017, 9, 0-0.	0.5	5
25	Effect of different mixing methods on the bacterial microleakage of white Portland cement and white Mineral Trioxide Aggregate. Journal of Dental Research, Dental Clinics, Dental Prospects, 2017, 11, 84-89.	0.4	5
26	Effect of retreatment on the push-out bond strength of MTAbased and epoxy resin-based endodontic sealers. Journal of Dental Research, Dental Clinics, Dental Prospects, 2017, 11, 43-47.	0.4	8
27	A Review on Root Anatomy and Canal Configuration of the Maxillary Second Molars. Iranian Endodontic Journal, 2017, 12, 1-9.	0.8	36
28	Prevalence of Extra Roots in Permanent Mandibular First Molars in Iranian Population: A CBCT Analysis. Iranian Endodontic Journal, 2017, 12, 70-73.	0.8	11
29	Compressive Strength of Mineral Trioxide Aggregate with Propylene Glycol. Iranian Endodontic Journal, 2016, 11, 325-328.	0.8	11
30	Postoperative Pain after Endodontic Treatment of Asymptomatic Teeth Using Rotary Instruments: A Randomized Clinical Trial. Iranian Endodontic Journal, 2016, 11, 38-43.	0.8	20
31	The Antibacterial Efficacy of Photo-Activated Disinfection, Chlorhexidine and Sodium Hypochlorite in Infected Root Canals: An in Vitro Study. Iranian Endodontic Journal, 2016, 11, 179-83.	0.8	11
32	Effect of different mixing methods on the physical properties of Portland cement. Journal of Clinical and Experimental Dentistry, 2016, 8, 0-0.	0.5	3
33	Comparison of Manual and Rotary Instrumentation on Postoperative Pain in Teeth with Asymptomatic Irreversible Pulpitis: A Randomized Clinical Trial. Iranian Endodontic Journal, 2016, 11, 273-279.	0.8	13
34	Effect of different mixing methods on the bacterial microleakage of calcium-enriched mixture cement. Minerva Stomatologica: A Journal on Dentirstry and Maxillofacial Surgery, 2016, , .	1.3	1
35	Effect of different mixing methods on the bacterial microleakage of calcium-enriched mixture cement. Minerva Stomatologica: A Journal on Dentirstry and Maxillofacial Surgery, 2016, 65, 269-75.	1.3	4
36	The Effect of Different Mixing Methods on Working Time, Setting Time, Dimensional Changes and Film Thickness of Mineral Trioxide Aggregate and Calcium-Enriched Mixture. Iranian Endodontic Journal, 2015, 10, 248-51.	0.8	23

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37	A new simulated plasma for assessing the solubility of mineral trioxide aggregate. Iranian Endodontic Journal, 2015, 10, 30-4.	0.8	5
38	The effect of different mixing methods on the flow rate and compressive strength of mineral trioxide aggregate and calcium-enriched mixture. Iranian Endodontic Journal, 2015, 10, 55-8.	0.8	20
39	Radiographic evaluation of root canal fillings accomplished by undergraduate dental students. Iranian Endodontic Journal, 2015, 10, 127-30.	0.8	12
40	Evaluation of apical leakage in root canals obturated with three different sealers in presence or absence of smear layer. Iranian Endodontic Journal, 2015, 10, 131-4.	0.8	15
41	The Effect of Different Mixing Methods on the pH and Solubility of Mineral Trioxide Aggregate and Calcium-Enriched Mixture. Iranian Endodontic Journal, 2015, 10, 140-3.	0.8	13
42	A review of antibacterial agents in endodontic treatment. Iranian Endodontic Journal, 2014, 9, 161-8.	0.8	45
43	Effect of Mineral Trioxide Aggregate, Calcium-Enriched Mixture Cement and Mineral Trioxide Aggregate with Disodium Hydrogen Phosphate on BMP-2 Production. Iranian Endodontic Journal, 2014, 9, 220-4.	0.8	25
44	Effect of Premedication with Ibuprofen and Dexamethasone on Success Rate of Inferior Alveolar Nerve Block for Teeth with Asymptomatic Irreversible Pulpitis: A Randomized Clinical Trial. Journal of Endodontics, 2013, 39, 160-162.	1.4	65
45	Effect of Blood Contamination on the Retention Characteristics of Two Endodontic Biomaterials in Simulated Furcation Perforations. Journal of Endodontics, 2013, 39, 697-700.	1.4	70
46	Prevalence of two root canals in human mandibular anterior teeth in an Iranian population. Indian Journal of Dental Research, 2013, 24, 234.	0.1	36
47	Placement in an acidic environment increase the solubility of white mineral trioxide aggregate. Journal of Conservative Dentistry, 2013, 16, 257.	0.3	12
48	Electrochemical corrosion assessment of RaCe and Mtwo rotary nickle-titanium instruments after clinical use and sterilization. Medicina Oral, Patologia Oral Y Cirugia Bucal, 2012, 17, e331-e336.	0.7	7
49	Effects of Various Mixing Techniques on Push-out Bond Strengths of White Mineral Trioxide Aggregate. Journal of Endodontics, 2012, 38, 501-504.	1.4	66
50	Osseous reaction to implantation of two endodontic cements: Mineral trioxide aggregate (MTA) and calcium enriched mixture (CEM). Medicina Oral, Patologia Oral Y Cirugia Bucal, 2012, 17, e907-e911.	0.7	53
51	Bactericidal Effects of Nd:YAG Laser Irradiation and Sodium Hypochlorite Solution onEnterococcus FaecalisBiofilm. Photomedicine and Laser Surgery, 2012, 30, 637-641.	2.1	23
52	Efficacy of different concentrations of sodium hypochlorite and chlorhexidine in disinfection of contaminated Resilon cones. Medicina Oral, Patologia Oral Y Cirugia Bucal, 2012, 17, e352-e355.	0.7	22
53	An in vitro comparison of coronal microleakage of three orifice barriers filling materials. Iranian Endodontic Journal, 2012, 7, 156-60.	0.8	11
54	Comparison of the sealing ability of mineral trioxide aggregate and Portland cement used as root-end filling materials. Journal of Oral Science, 2011, 53, 517-522.	0.7	38

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55	Comparison Between the Accuracy of NovApex Apex Locator and Radiographs in Determining Radiographic Apex. Iranian Endodontic Journal, 2011, 6, 65-8.	0.8	2
56	Endodontic treatment of a hypertaurodont mandibular second molar: a case report. Iranian Endodontic Journal, 2011, 6, 133-5.	0.8	9
57	Comparison of the effect of Er, Cr-YSGG laser and ultrasonic retrograde root-end cavity preparation on the integrity of root apices. Journal of Oral Science, 2010, 52, 77-81.	0.7	13
58	Effect of calcium hydroxide dressing on microleakage of composite restorations in endodontically treated teeth subsequent to bleaching. Medicina Oral, Patologia Oral Y Cirugia Bucal, 2010, 15, e413-e416.	0.7	8
59	Effect of Mineral Trioxide Aggregates and Portland Cements on Inflammatory Cells. Journal of Endodontics, 2010, 36, 899-903.	1.4	57
60	Effect of Er, Cr: YSGG Laser Irradiation onEnterococcus faecalisin Infected Root Canals. Photomedicine and Laser Surgery, 2010, 28, S-91-S-96.	2.1	32
61	In Vitro Comparison of Dye Penetration through Four Temporary Restorative Materials. Iranian Endodontic Journal, 2010, 5, 59-63.	0.8	9
62	A stereomicroscopy study of root apices of human maxillary central incisors and mandibular second premolars in an Iranian population. Journal of Oral Science, 2009, 51, 411-415.	0.7	25
63	A comparative scanning electron microscopic study of the effect of three different rotary instruments on smear layer formation. Journal of Oral Science, 2009, 51, 55-60.	0.7	5
64	Sealing ability of mineral trioxide aggregate and Portland cement for furcal perforation repair: a protein leakage study. Journal of Oral Science, 2009, 51, 601-606.	0.7	32
65	Comparison of apical microleakage using Ni-Ti with stainless steel finger spreaders. Iranian Endodontic Journal, 2009, 4, 149-51.	0.8	4
66	Influence of White versus Gray Mineral Trioxide Aggregate on Inflammatory Cells. Journal of Endodontics, 2008, 34, 715-717.	1.4	53
67	Comparison of microleakage with three different thicknesses of mineral trioxide aggregate as root-end filling material. Journal of Oral Science, 2008, 50, 273-277.	0.7	21
68	Removal of broken dental needle using mobile digital C-arm. Journal of Oral Science, 2008, 50, 351-353.	0.7	30
69	Root canal configuration and the prevalence of C-shaped canals in mandibular second molars in an Iranian population. Journal of Oral Science, 2008, 50, 9-13.	0.7	53
70	Root canal morphology of human mandibular first permanent molars in an Iranian population. Journal of Dental Research, Dental Clinics, Dental Prospects, 2008, 2, 20-3.	0.4	13
71	In Vitro Fracture Resistance of Endodontically-treated Maxillary Premolars. Operative Dentistry, 2007, 32, 510-514.	0.6	14
72	Isolation and identification of Enterococcus faecalis from necrotic root canals using multiplex PCR. Journal of Oral Science, 2007, 49, 221-227.	0.7	11

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73	An in vitro study of the effect of spreader penetration depth on apical microleakage. Journal of Oral Science, 2007, 49, 283-286.	0.7	14
74	A comparative SEM investigation of the smear layer following preparation of root canals using nickel titanium rotary and hand instruments. Journal of Oral Science, 2007, 49, 47-52.	0.7	28
75	Sealing Ability of White and Gray Mineral Trioxide Aggregate Mixed with Distilled Water and 0.12% Chlorhexidine Gluconate When Used as Root-end Filling Materials. Journal of Endodontics, 2007, 33, 1429-1432.	1.4	35
76	Root canal configuration of maxillary first permanent molars in an Iranian population. Journal of Dental Research, Dental Clinics, Dental Prospects, 2007, 1, 1-5.	0.4	15
77	A Comparative Study of the Biocompatibility of Three Root-end Filling Materials in Rat Connective Tissue. Journal of Endodontics, 2006, 32, 776-780.	1.4	78