

Hiran Perinpanayagam

List of Publications by Year in descending order

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54
papers

968
citations

471061

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56
all docs

56
docs citations

56
times ranked

1200
citing authors

#	ARTICLE	IF	CITATIONS
1	Torsional Fracture Resistance of Niti Rotary Glide Path Files under Flexural Stress. Applied Sciences (Switzerland), 2022, 12, 6214.	1.3	0
2	Guidance for dental treatment of patients with disabilities during COVID-19 pandemic. Journal of Dental Sciences, 2021, 16, 540-543.	1.2	10
3	Internal Resorption of Multiple Posterior Teeth in a Patient Diagnosed with Hyperparathyroidism: A Case Report. Journal of Endodontics, 2021, 47, 1321-1327.	1.4	2
4	Development of multifunctional Si-Ca-PEG-nAg sol-gel implant coatings from calcium-2-ethoxyethoxide. Journal of Coatings Technology Research, 2021, 18, 1177-1189.	1.2	1
5	Characterization of Histopathology and Microbiota in Contemporary Regenerative Endodontic Procedures: Still Coming up Short. Journal of Endodontics, 2021, 47, 1285-1293.e1.	1.4	10
6	Neighborhood Contexts and Oral Health Outcomes in a Pediatric Population: An Exploratory Study. Children, 2021, 8, 653.	0.6	1
7	Non-Thermal Atmospheric Pressure Plasma-Conditioned Root Dentin Promotes Attraction and Attachment of Primary Human Dental Pulp Stem Cells in Real-Time Ex Vivo. Applied Sciences (Switzerland), 2021, 11, 6836.	1.3	1
8	Evaluation of Cyclic Fatigue and Bending Resistance of Coronal Preflaring NiTi File Manufactured with Different Heat Treatments. Applied Sciences (Switzerland), 2021, 11, 7694.	1.3	2
9	Root canals shaped by nickel-titanium instrumentation with automated computerized numerical control systems. BMC Oral Health, 2021, 21, 482.	0.8	0
10	Maxillary molar root and canal morphology of Neolithic and modern Chinese. Archives of Oral Biology, 2021, 131, 105272.	0.8	4
11	Bending resistance and cyclic fatigue resistance of WaveOne Gold, Reciproc Blue, and HyFlex EDM instruments. Journal of Dental Sciences, 2020, 15, 472-478.	1.2	19
12	Synthetic Human Î² Defensin-3-C15 Peptide in Endodontics: Potential Therapeutic Agent in Streptococcus gordonii Lipoprotein-Stimulated Human Dental Pulp-Derived Cells. International Journal of Molecular Sciences, 2020, 21, 71.	1.8	5
13	Prognostic Factors of Long-Term Outcomes in Endodontic Microsurgery: A Retrospective Cohort Study over Five Years. Journal of Clinical Medicine, 2020, 9, 2210.	1.0	10
14	Candida albicans Virulence Factors and Pathogenicity for Endodontic Infections. Microorganisms, 2020, 8, 1300.	1.6	32
15	Mandibular molar C-shaped root canals in 5th millennium BC China. Archives of Oral Biology, 2020, 117, 104773.	0.8	8
16	Development of Robust Chitosan-Silica Class II Hybrid Coatings with Antimicrobial Properties for Titanium Implants. Coatings, 2020, 10, 534.	1.2	14
17	Morphological measurements of two separate mesiobuccal canals in maxillary first molars using micro-computed tomography. Clinical Oral Investigations, 2020, 24, 3863-3870.	1.4	5
18	Lactobacillus plantarum lipoteichoic acid disrupts mature Enterococcus faecalis biofilm. Journal of Microbiology, 2020, 58, 314-319.	1.3	16

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19	Endodontic biofilms: contemporary and future treatment options. <i>Restorative Dentistry & Endodontics</i> , 2019, 44, e7.	0.6	21
20	<i>Lactobacillus plantarum</i> Lipoteichoic Acid Inhibits Oral Multispecies Biofilm. <i>Journal of Endodontics</i> , 2019, 45, 310-315.	1.4	36
21	Torsional and Bending Properties of V Taper 2H, ProTaper NEXT, NRT, and One Shape. <i>BioMed Research International</i> , 2019, 2019, 1-8.	0.9	9
22	Dentinal tubule sealing effects of 532-nm diode-pumped solid-state laser, gallic acid/Fe ³⁺ complex, and three commercial dentin desensitizers. <i>Lasers in Medical Science</i> , 2018, 33, 1237-1244.	1.0	8
23	Novel Calcium Zirconate Silicate Cement Biomineralize and Seal Root Canals. <i>Materials</i> , 2018, 11, 588.	1.3	7
24	Effect of Different Agitation Techniques on the Penetration of Irrigant and Sealer into Dentinal Tubules. <i>Photomedicine and Laser Surgery</i> , 2017, 35, 71-77.	2.1	29
25	Antifungal Effects of Synthetic Human Beta-defensin-3-C15 Peptide on <i>Candida albicans</i> "infected Root Dentin. <i>Journal of Endodontics</i> , 2017, 43, 1857-1861.	1.4	12
26	Various heat-treated nickel-titanium rotary instruments evaluated in S-shaped simulated resin canals. <i>Journal of Dental Sciences</i> , 2017, 12, 14-20.	1.2	28
27	Intratubular Biomineralization in a Root Canal Filled with Calcium-Enriched Material over 8 Years. <i>Materials</i> , 2017, 10, 1388.	1.3	2
28	Human Mesenchymal Cell Attachment, Growth and Biomineralization on Calcium-enriched Titania-polyester Coatings. <i>AIMS Cell and Tissue Engineering</i> , 2017, 1, 64-83.	0.4	1
29	Effect of acidic solutions on the microhardness of dentin and set OrthoMTA and their cytotoxicity on murine macrophage. <i>Restorative Dentistry & Endodontics</i> , 2016, 41, 12.	0.6	15
30	Antifungal effects of synthetic human β -defensin 3-C15 peptide. <i>Restorative Dentistry & Endodontics</i> , 2016, 41, 91.	0.6	16
31	Epoxy resin-based ultrafine dry powder coatings for implants. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	15
32	Evaluation of three obturation techniques in the apical third of mandibular first molar mesial root canals using micro-computed tomography. <i>Journal of Dental Sciences</i> , 2016, 11, 95-102.	1.2	14
33	Novel Development of Biocompatible Coatings for Bone Implants. <i>Coatings</i> , 2015, 5, 737-757.	1.2	26
34	Comparison of mandibular first molar mesial root canal morphology using micro-computed tomography and clearing technique. <i>Acta Odontologica Scandinavica</i> , 2015, 73, 427-432.	0.9	28
35	Nano-SiO ₂ Enriched Biocompatible Powder Coatings. <i>Materials Today: Proceedings</i> , 2015, 2, 147-152.	0.9	4
36	Bacterial entombment by intratubular mineralization following orthograde mineral trioxide aggregate obturation: a scanning electron microscopy study. <i>International Journal of Oral Science</i> , 2014, 6, 227-232.	3.6	44

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37	Comparison of Alternative Image Reformatting Techniques in Micro-Computed Tomography and Tooth Clearing for Detailed Canal Morphology. <i>Journal of Endodontics</i> , 2014, 40, 417-422.	1.4	55
38	Ultrafine calcium-titania-polyester dry powder coatings promote human mesenchymal cell attachment and biomineralization. <i>Surface and Coatings Technology</i> , 2014, 251, 177-185.	2.2	10
39	Three-dimensional Analysis of Root Canal Curvature and Direction of Maxillary Lateral Incisors by Using Cone-beam Computed Tomography. <i>Journal of Endodontics</i> , 2013, 39, 1124-1129.	1.4	19
40	Antibacterial Efficacy of a Human β -Defensin-3 Peptide on Multispecies Biofilms. <i>Journal of Endodontics</i> , 2013, 39, 1625-1629.	1.4	44
41	MTA-enriched nanocomposite TiO ₂ -polymeric powder coatings support human mesenchymal cell attachment and growth. <i>Biomedical Materials (Bristol)</i> , 2012, 7, 055006.	1.7	18
42	Titania-polymeric powder coatings with nano-topography support enhanced human mesenchymal cell responses. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 2695-2709.	2.1	23
43	TiO ₂ -enriched polymeric powder coatings support human mesenchymal cell spreading and osteogenic differentiation. <i>Biomedical Materials (Bristol)</i> , 2011, 6, 035009.	1.7	18
44	Nano-TiO ₂ Enriched Polymeric Powder Coatings Support Human Mesenchymal Cell Attachment and Growth. <i>Journal of Biomaterials Applications</i> , 2011, 26, 173-193.	1.2	13
45	Osteoblasts interact with MTA surfaces and express Runx2. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2009, 107, 590-596.	1.6	32
46	Three-dimensional analysis of maxillary first molar mesiobuccal root canal configuration and curvature using micro-computed tomography. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2009, 108, 437-442.	1.6	60
47	Osteoblast expression of cytokines is altered on MTA surfaces. <i>Oral Surgery Oral Medicine Oral Pathology Oral Radiology and Endodontics</i> , 2009, 108, 302-307.	1.6	12
48	Cellular response to mineral trioxide aggregate root-end filling materials. <i>Journal of the Canadian Dental Association</i> , 2009, 75, 369-72.	0.6	14
49	Dental trauma that require fixation in a children's hospital. <i>Dental Traumatology</i> , 2008, 24, 59-64.	0.8	12
50	Human Alveolar Bone Cells Interact with ProRoot and Tooth-Colored MTA. <i>Journal of Endodontics</i> , 2006, 32, 872-875.	1.4	87
51	Quantitative Three-Dimensional Analysis of Root Canal Curvature in Maxillary First Molars Using Micro-Computed Tomography. <i>Journal of Endodontics</i> , 2006, 32, 941-945.	1.4	66
52	Alveolar bone osteoblast differentiation and Runx2/Cbfa1 expression. <i>Archives of Oral Biology</i> , 2006, 51, 406-415.	0.8	26
53	Biomedical Implant Surface Topography and Its Effects on Osteoblast Differentiation In Vitro. , 2003, , ,		2
54	NanoTiO ₂ -Enriched Biocompatible Polymeric Powder Coatings: Adhesion, Thermal and Biological Characterizations. <i>Advanced Materials Research</i> , 0, 995, 113-124.	0.3	2