

Hiran Perinpanayagam

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/710310/publications.pdf>

Version: 2024-02-01

54
papers

968
citations

471061

17
h-index

476904

29
g-index

56
all docs

56
docs citations

56
times ranked

1200
citing authors

#	ARTICLE	IF	CITATIONS
1	Human Alveolar Bone Cells Interact with ProRoot and Tooth-Colored MTA. <i>Journal of Endodontics</i> , 2006, 32, 872-875.	1.4	87
2	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
3	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
4	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
5	Antibacterial Efficacy of a Human β -Defensin-3 Peptide on Multispecies Biofilms. <i>Journal of Endodontics</i> , 2013, 39, 1625-1629.	1.4	44
6	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
7	<i>Lactobacillus plantarum</i> Lipoteichoic Acid Inhibits Oral Multispecies Biofilm. <i>Journal of Endodontics</i> , 2019, 45, 310-315.	1.4	36
8	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
9	<i>Candida albicans</i> Virulence Factors and Pathogenicity for Endodontic Infections. <i>Microorganisms</i> , 2020, 8, 1300.	1.6	32
10	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
11	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
12	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
13	Alveolar bone osteoblast differentiation and Runx2/Cbfa1 expression. <i>Archives of Oral Biology</i> , 2006, 51, 406-415.	0.8	26
14	Novel Development of Biocompatible Coatings for Bone Implants. <i>Coatings</i> , 2015, 5, 737-757.	1.2	26
15	Titania-polymeric powder coatings with nanotopography support enhanced human mesenchymal cell responses. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 2695-2709.	2.1	23
16	Endodontic biofilms: contemporary and future treatment options. <i>Restorative Dentistry & Endodontics</i> , 2019, 44, e7.	0.6	21
17	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
18	Bending resistance and cyclic fatigue resistance of WaveOne Gold, Reciproc Blue, and HyFlex EDM instruments. <i>Journal of Dental Sciences</i> , 2020, 15, 472-478.	1.2	19

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Antifungal effects of synthetic human β -defensin 3-C15 peptide. <i>Restorative Dentistry & Endodontics</i> , 2016, 41, 91.	0.6	16
22	<i>Lactobacillus plantarum</i> lipoteichoic acid disrupts mature <i>Enterococcus faecalis</i> biofilm. <i>Journal of Microbiology</i> , 2020, 58, 314-319.	1.3	16
23	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
24	Epoxy resin-based ultrafine dry powder coatings for implants. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	15
25	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
26	Development of Robust Chitosan-Silica Class II Hybrid Coatings with Antimicrobial Properties for Titanium Implants. <i>Coatings</i> , 2020, 10, 534.	1.2	14
27	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
28	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
29	Dental trauma that require fixation in a children's hospital. <i>Dental Traumatology</i> , 2008, 24, 59-64.	0.8	12
30	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
31	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
32	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
33	Prognostic Factors of Long-Term Outcomes in Endodontic Microsurgery: A Retrospective Cohort Study over Five Years. <i>Journal of Clinical Medicine</i> , 2020, 9, 2210.	1.0	10
34	Guidance for dental treatment of patients with disabilities during COVID-19 pandemic. <i>Journal of Dental Sciences</i> , 2021, 16, 540-543.	1.2	10
35	Characterization of Histopathology and Microbiota in Contemporary Regenerative Endodontic Procedures: Still Coming up Short. <i>Journal of Endodontics</i> , 2021, 47, 1285-1293.e1.	1.4	10
36	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

#	ARTICLE	IF	CITATIONS
37	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
38	Mandibular molar C-shaped root canals in 5th millennium BC China. <i>Archives of Oral Biology</i> , 2020, 117, 104773.	0.8	8
39	Novel Calcium Zirconate Silicate Cement Biomineralize and Seal Root Canals. <i>Materials</i> , 2018, 11, 588.	1.3	7
40	Synthetic Human β Defensin-3-C15 Peptide in Endodontics: Potential Therapeutic Agent in Streptococcus gordonii Lipoprotein-Stimulated Human Dental Pulp-Derived Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 71.	1.8	5
41	Morphological measurements of two separate mesiobuccal canals in maxillary first molars using micro-computed tomography. <i>Clinical Oral Investigations</i> , 2020, 24, 3863-3870.	1.4	5
42	Nano-SiO ₂ Enriched Biocompatible Powder Coatings. <i>Materials Today: Proceedings</i> , 2015, 2, 147-152.	0.9	4
43	Maxillary molar root and canal morphology of Neolithic and modern Chinese. <i>Archives of Oral Biology</i> , 2021, 131, 105272.	0.8	4
44	NanoTiO ₂ -Enriched Biocompatible Polymeric Powder Coatings: Adhesion, Thermal and Biological Characterizations. <i>Advanced Materials Research</i> , 0, 995, 113-124.	0.3	2
45	Intratubular Biomineralization in a Root Canal Filled with Calcium-Enriched Material over 8 Years. <i>Materials</i> , 2017, 10, 1388.	1.3	2
46	Internal Resorption of Multiple Posterior Teeth in a Patient Diagnosed with Hyperparathyroidism: A Case Report. <i>Journal of Endodontics</i> , 2021, 47, 1321-1327.	1.4	2
47	Evaluation of Cyclic Fatigue and Bending Resistance of Coronal Preflaring NiTi File Manufactured with Different Heat Treatments. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7694.	1.3	2
48	Biomedical Implant Surface Topography and Its Effects on Osteoblast Differentiation In Vitro. , 2003, , .		2
49	Development of multifunctional Si-Ca-PEG-nAg sol-gel implant coatings from calcium-2-ethoxyethoxide. <i>Journal of Coatings Technology Research</i> , 2021, 18, 1177-1189.	1.2	1
50	Neighborhood Contexts and Oral Health Outcomes in a Pediatric Population: An Exploratory Study. <i>Children</i> , 2021, 8, 653.	0.6	1
51	Non-Thermal Atmospheric Pressure Plasma-Conditioned Root Dentin Promotes Attraction and Attachment of Primary Human Dental Pulp Stem Cells in Real-Time Ex Vivo. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6836.	1.3	1
52	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
53	Root canals shaped by nickel-titanium instrumentation with automated computerized numerical control systems. <i>BMC Oral Health</i> , 2021, 21, 482.	0.8	0
54	Torsional Fracture Resistance of Niti Rotary Glide Path Files under Flexural Stress. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 6214.	1.3	0