

Paul Cooper

List of Publications by Year in descending order

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Version: 2024-02-01

176
papers

10,129
citations

31976

53
h-index

39675

94
g-index

180
all docs

180
docs citations

180
times ranked

9805
citing authors

#	ARTICLE	IF	CITATIONS
1	Inflammasome dysregulation in human gingival fibroblasts in response to periodontal pathogens. <i>Oral Diseases</i> , 2022, 28, 216-224.	3.0	12
2	A critical review of <i>in vitro</i> research methodologies used to study mineralization in human dental pulp cell cultures. <i>International Endodontic Journal</i> , 2022, 55, 3-13.	5.0	15
3	Development and Analysis of a Hydroxyapatite Supplemented Calcium Silicate Cement for Endodontic Treatment. <i>Materials</i> , 2022, 15, 1176.	2.9	6
4	Blue light photobiomodulation of dental pulp cells. <i>Lasers in Dental Science</i> , 2022, 6, 79-87.	0.6	2
5	Amphiregulin regulates odontogenic differentiation of dental pulp stem cells by activation of mitogen-activated protein kinase and the phosphatidylinositol 3-kinase signaling pathways. <i>Stem Cell Research and Therapy</i> , 2022, 13, .	5.5	8
6	Investigation of microbial profile, levels of endotoxin and lipoteichoic acid in teeth with symptomatic irreversible pulpitis: a clinical study. <i>International Endodontic Journal</i> , 2021, 54, 46-60.	5.0	20
7	Potential of Lyophilized Platelet Concentrates for Craniofacial Tissue Regenerative Therapies. <i>Molecules</i> , 2021, 26, 517.	3.8	8
8	Potential for direct application of blue light for photo-disinfection of dentine. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2021, 215, 112123.	3.8	5
9	The anti-tumour activity of DNA methylation inhibitor 5-aza-2'-deoxycytidine is enhanced by the common analgesic paracetamol through induction of oxidative stress. <i>Cancer Letters</i> , 2021, 501, 172-186.	7.2	10
10	Deciphering Reparative Processes in the Inflamed Dental Pulp. <i>Frontiers in Dental Medicine</i> , 2021, 2, .	1.4	10
11	Potential application of immunotherapy for modulation of pulp inflammation: opportunities for vital pulp treatment. <i>International Endodontic Journal</i> , 2021, 54, 1263-1274.	5.0	18
12	Photobiomodulation of mineralisation in mesenchymal stem cells. <i>Photochemical and Photobiological Sciences</i> , 2021, 20, 699-714.	2.9	15
13	Bone Grafts and Substitutes in Dentistry: A Review of Current Trends and Developments. <i>Molecules</i> , 2021, 26, 3007.	3.8	231
14	Photobiomodulation of oral fibroblasts stimulated with periodontal pathogens. <i>Lasers in Medical Science</i> , 2021, 36, 1957-1969.	2.1	4
15	Exploiting dentine matrix proteins in cell-free approaches for periradicular tissue engineering. <i>Tissue Engineering - Part B: Reviews</i> , 2021, , .	4.8	1
16	Gene expression profiles of mitochondria-endoplasmic reticulum tethering in human gingival fibroblasts in response to periodontal pathogens. <i>Archives of Oral Biology</i> , 2021, 128, 105173.	1.8	10
17	Particle Size Effects on Abrasion, Surface Polishing and Stain Removal Efficacy in a Tooth Model System. <i>Biotribology</i> , 2021, 28, 100196.	1.9	2
18	Novel Chitosan-Silica Hybrid Hydrogels for Cell Encapsulation and Drug Delivery. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12267.	4.1	17

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19	Lyophilised Platelet-Rich Fibrin: Physical and Biological Characterisation. <i>Molecules</i> , 2021, 26, 7131.	3.8	12
20	Cytomorphometric Analysis of Inflammation Dynamics in the Periodontium Following the Use of Fixed Dental Prostheses. <i>Molecules</i> , 2020, 25, 4650.	3.8	26
21	Current trends in endodontic irrigation amongst general dental practitioners and dental schools within the United Kingdom and Ireland: a cross-sectional survey. <i>British Dental Journal</i> , 2020, , .	0.6	7
22	Pulp Innate Immune Defense: Translational Opportunities. <i>Journal of Endodontics</i> , 2020, 46, S10-S18.	3.1	21
23	Effects of <i>Porphyromonas gingivalis</i> and <i>Fusobacterium nucleatum</i> on inflammasomes and their regulators in H400 cells. <i>Molecular Oral Microbiology</i> , 2020, 35, 158-167.	2.7	15
24	The influence of irrigant activation, concentration and contact time on sodium hypochlorite penetration into root dentine: an <i>in vivo</i> experiment. <i>International Endodontic Journal</i> , 2020, 53, 986-997.	5.0	21
25	Dysregulation of Inflammasomes in Human Dental Pulp Cells Exposed to <i>Porphyromonas gingivalis</i> and <i>Fusobacterium nucleatum</i> . <i>Journal of Endodontics</i> , 2020, 46, 1265-1272.	3.1	10
26	Inflammasomes and their regulation in periodontal disease: A review. <i>Journal of Periodontal Research</i> , 2020, 55, 473-487.	2.7	39
27	Pulpotomy for mature carious teeth with symptoms of irreversible pulpitis: A systematic review. <i>Journal of Dentistry</i> , 2019, 88, 103158.	4.1	103
28	Violet-Blue Light Arrays at 405 Nanometers Exert Enhanced Antimicrobial Activity for Photodisinfection of Monomicrobial Nosocomial Biofilms. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	3.1	13
29	Protein S100-A7 Derived from Digested Dentin Is a Critical Molecule for Dentin Pulp Regeneration. <i>Cells</i> , 2019, 8, 1002.	4.1	16
30	Differential responses of myoblasts and myotubes to photobiomodulation are associated with mitochondrial number. <i>Journal of Biophotonics</i> , 2019, 12, e201800411.	2.3	17
31	Investigation of the effect of the water to powder ratio on hydraulic cement properties. <i>Dental Materials</i> , 2019, 35, 1146-1154.	3.5	20
32	Under the spotlight: mechanisms of photobiomodulation concentrating on blue and green light. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 1877-1909.	2.9	76
33	Neutrophil Extracellular Traps Exert Potential Cytotoxic and Proinflammatory Effects in the Dental Pulp. <i>Journal of Endodontics</i> , 2019, 45, 513-520.e3.	3.1	16
34	Dissecting dentine's pulp injury and wound healing responses: consequences for regenerative endodontics. <i>International Endodontic Journal</i> , 2019, 52, 261-266.	5.0	46
35	The role of calcium ion release on biocompatibility and antimicrobial properties of hydraulic cements. <i>Scientific Reports</i> , 2019, 9, 19019.	3.3	83
36	Cyclic di-nucleotides – what is their role in biofilm formation and pathogenicity of <i>Fusobacterium nucleatum</i> ?. <i>Access Microbiology</i> , 2019, 1, .	0.5	0

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37	Periodontal pathogens promote epithelial-mesenchymal transition in oral squamous carcinoma cells <i>in vitro</i> . <i>Cell Adhesion and Migration</i> , 2018, 12, 1-11.	2.7	40
38	Cigarette smoke modifies neutrophil chemotaxis, neutrophil extracellular trap formation and inflammatory response-related gene expression. <i>Journal of Periodontal Research</i> , 2018, 53, 525-535.	2.7	54
39	Potential role of periodontal pathogens in compromising epithelial barrier function by inducing epithelial-mesenchymal transition. <i>Journal of Periodontal Research</i> , 2018, 53, 565-574.	2.7	40
40	Cleaning lateral morphological features of the root canal: the role of streaming and cavitation. <i>International Endodontic Journal</i> , 2018, 51, e55-e64.	5.0	27
41	Dental Pulp Stem Cell Mechanoresponsiveness: Effects of Mechanical Stimuli on Dental Pulp Stem Cell Behavior. <i>Frontiers in Physiology</i> , 2018, 9, 1685.	2.8	90
42	Dentinogenic effects of extracted dentin matrix components digested with matrix metalloproteinases. <i>Scientific Reports</i> , 2018, 8, 10690.	3.3	34
43	Development and Application of High-Content Biological Screening for Modulators of NET Production. <i>Frontiers in Immunology</i> , 2018, 9, 337.	4.8	25
44	Automated noninvasive epithelial cell counting in phase contrast microscopy images with automated parameter selection. <i>Journal of Microscopy</i> , 2018, 271, 345-354.	1.8	12
45	Epigenetic Approaches to the Treatment of Dental Pulp Inflammation and Repair: Opportunities and Obstacles. <i>Frontiers in Genetics</i> , 2018, 9, 311.	2.3	36
46	Growth factor release from dentine matrix by pulp-capping agents promotes pulp tissue repair-associated events. <i>International Endodontic Journal</i> , 2017, 50, 281-292.	5.0	70
47	Release of bioactive dentine extracellular matrix components by histone deacetylase inhibitors (HDACi). <i>International Endodontic Journal</i> , 2017, 50, 24-38.	5.0	29
48	IFN- γ regulates human dental pulp stem cells behavior via NF- κ B and MAPK signaling. <i>Scientific Reports</i> , 2017, 7, 40681.	3.3	38
49	Development and application of LED arrays for use in phototherapy research. <i>Journal of Biophotonics</i> , 2017, 10, 1514-1525.	2.3	27
50	<i>Porphyromonas gingivalis</i> gingipains cause defective macrophage migration towards apoptotic cells and inhibit phagocytosis of primary apoptotic neutrophils. <i>Cell Death and Disease</i> , 2017, 8, e2644-e2644.	6.3	28
51	Role of Piezo Channels in Ultrasound-stimulated Dental Stem Cells. <i>Journal of Endodontics</i> , 2017, 43, 1130-1136.	3.1	69
52	Characterization, Quantification, and Visualization of Neutrophil Extracellular Traps. <i>Methods in Molecular Biology</i> , 2017, 1537, 481-497.	0.9	19
53	Modulation of Neutrophil Extracellular Trap and Reactive Oxygen Species Release by Periodontal Bacteria. <i>Infection and Immunity</i> , 2017, 85, .	2.2	61
54	Inflammation and Regeneration in the Dentin-pulp Complex: Net Gain or Net Loss?. <i>Journal of Endodontics</i> , 2017, 43, S87-S94.	3.1	65

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55	Regenerative Endodontics: Burning Questions. <i>Journal of Endodontics</i> , 2017, 43, S1-S6.	3.1	11
56	An in vitro screening assay for dental stain cleaning. <i>BMC Oral Health</i> , 2017, 17, 37.	2.3	10
57	<i>Elegestolepis</i> and its kin, the earliest monodontode chondrichthyans. <i>Journal of Vertebrate Paleontology</i> , 2017, 37, e1245664.	1.0	14
58	The Histone Deacetylase Inhibitor Suberoylanilide Hydroxamic Acid Promotes Dental Pulp Repair Mechanisms Through Modulation of Matrix Metalloproteinase-13 Activity. <i>Journal of Cellular Physiology</i> , 2016, 231, 798-816.	4.1	27
59	Peripheral blood neutrophil extracellular trap production and degradation in chronic periodontitis. <i>Journal of Clinical Periodontology</i> , 2016, 43, 1041-1049.	4.9	41
60	Epigenetic modulation of dental pulp stem cells: implications for regenerative endodontics. <i>International Endodontic Journal</i> , 2016, 49, 431-446.	5.0	35
61	Dental and Craniofacial Tissue Stem Cells: Sources and Tissue Engineering Applications. <i>Pancreatic Islet Biology</i> , 2016, , 1-27.	0.3	0
62	Dentin matrix components extracted with phosphoric acid enhance cell proliferation and mineralization. <i>Dental Materials</i> , 2016, 32, 334-342.	3.5	31
63	Exploiting the Bioactive Properties of the Dentin-Pulp Complex in Regenerative Endodontics. <i>Journal of Endodontics</i> , 2016, 42, 47-56.	3.1	144
64	Ultrasound Stimulation of Different Dental Stem Cell Populations: Role of Mitogen-activated Protein Kinase Signaling. <i>Journal of Endodontics</i> , 2016, 42, 425-431.	3.1	42
65	The dark art of light measurement: accurate radiometry for low-level light therapy. <i>Lasers in Medical Science</i> , 2016, 31, 789-809.	2.1	69
66	Neutrophil Extracellular Traps in Periodontitis. <i>Journal of Dental Research</i> , 2016, 95, 26-34.	5.2	121
67	The systematics of the Mongolepidida (Chondrichthyes) and the Ordovician origins of the clade. <i>PeerJ</i> , 2016, 4, e1850.	2.0	27
68	Epigenetics of Dental Stem Cells. <i>Pancreatic Islet Biology</i> , 2016, , 73-84.	0.3	0
69	Transcriptional profiling of suberoylanilide hydroxamic acid (SAHA) regulated genes in mineralizing dental pulp cells at early and late time points. <i>Genomics Data</i> , 2015, 5, 391-393.	1.3	4
70	Biomodulatory effects of laser irradiation on dental pulp cells in vitro. , 2015, , .		3
71	Release of Active Peptidyl Arginine Deiminases by Neutrophils Can Explain Production of Extracellular Citrullinated Autoantigens in Rheumatoid Arthritis Synovial Fluid. <i>Arthritis and Rheumatology</i> , 2015, 67, 3135-3145.	5.6	193
72	Isolation of adipose and bone marrow mesenchymal stem cells using CD29 and CD90 modifies their capacity for osteogenic and adipogenic differentiation. <i>Journal of Tissue Engineering</i> , 2015, 6, 204173141559235.	5.5	41

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73	Dental Pulp Defence and Repair Mechanisms in Dental Caries. Mediators of Inflammation, 2015, 2015, 1-16.	3.0	299
74	Extracellular Signal-regulated Kinase Mitogen-activated Protein Kinase and Phosphatidylinositol 3-Kinase/Akt Signaling Are Required for Lipopolysaccharide-mediated Mineralization in Murine Odontoblast-like Cells. Journal of Endodontics, 2015, 41, 871-876.	3.1	10
75	Nuclear Factor I-C promotes proliferation and differentiation of apical papilla-derived human stem cells in vitro. Experimental Cell Research, 2015, 332, 259-266.	2.6	26
76	<sc>U</sc>pper <sc>O</sc>rdovician chondrichthyanâ€like scales from <sc>N</sc>orth <sc>A</sc>merica. Palaeontology, 2015, 58, 691-704.	2.2	22
77	LPS Promote the Odontoblastic Differentiation of Human Dental Pulp Stem Cells via MAPK Signaling Pathway. Journal of Cellular Physiology, 2015, 230, 554-561.	4.1	92
78	The effect of UV-Vis to near-infrared light on the biological response of human dental pulp cells. , 2015, , .		2
79	Dental Pulp Cell Behavior in Biomimetic Environments. Journal of Dental Research, 2015, 94, 1552-1559.	5.2	22
80	Beam profile measurements for dental phototherapy: the effect of distance, wavelength and tissue thickness. , 2015, , .		1
81	Cellular Signaling in Dentin Repair andÂRegeneration. , 2015, , 405-417.		4
82	A comparison of the in vitro mineralisation and dentinogenic potential of mesenchymal stem cells derived from adipose tissue, bone marrow and dental pulp. Journal of Bone and Mineral Metabolism, 2015, 33, 371-382.	2.7	99
83	The Effect of UDMA/TEGDMA Mixtures and Bioglass Incorporation on the Mechanical and Physical Properties of Resin and Resin-Based Composite Materials. Conference Papers in Science, 2014, 2014, 1-5.	0.3	7
84	Differential activation of neutrophil extracellular traps by specific periodontal bacteria. Free Radical Biology and Medicine, 2014, 75, S53.	2.9	16
85	Inflammation and Regeneration in the Dentin-Pulp Complex: A Double-edged Sword. Journal of Endodontics, 2014, 40, S46-S51.	3.1	201
86	Dentin matrix proteins (DMPs) enhance differentiation of BMMSCs via ERK and P38 MAPK pathways. Cell and Tissue Research, 2014, 356, 171-182.	2.9	20
87	Regulatory Interplay between NFIC and TGF-Î²1 in Apical Papilla-derived Stem Cells. Journal of Dental Research, 2014, 93, 496-501.	5.2	36
88	In vitro bioactivity of titanium-doped bioglass. Journal of Materials Science: Materials in Medicine, 2014, 25, 1865-1873.	3.6	12
89	A novel methodology providing insights into removal of biofilmâ€mimicking hydrogel from lateral morphological features of the root canal during irrigation procedures. International Endodontic Journal, 2014, 47, 1040-1051.	5.0	34
90	The effects of cryopreservation on cells isolated from adipose, bone marrow and dental pulp tissues. Cryobiology, 2014, 69, 342-347.	0.7	69

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91	The effects of LPS on adhesion and migration of human dental pulp stem cells in vitro. Journal of Dentistry, 2014, 42, 1327-1334.	4.1	43
92	Lipopolysaccharide Enhances Wnt5a Expression through Toll-like Receptor 4, Myeloid Differentiating Factor 88, Phosphatidylinositol 3-OH Kinase/AKT and Nuclear Factor Kappa B Pathways in Human Dental Pulp Stem Cells. Journal of Endodontics, 2014, 40, 69-75.	3.1	69
93	Developments in low level light therapy (LLLT) for dentistry. Dental Materials, 2014, 30, 465-475.	3.5	182
94	Low level light therapy (LLLT) for the treatment and management of dental and oral diseases. Dental Update, 2014, 41, 763-772.	0.2	6
95	Inflammatory Processes in the Dental Pulp. , 2014, , 97-112.		1
96	Molecular mediators of pulp inflammation and regeneration. Endodontic Topics, 2013, 28, 90-105.	0.5	25
97	Neutrophil extracellular traps as a new paradigm in innate immunity: friend or foe?. Periodontology 2000, 2013, 63, 165-197.	13.4	141
98	Histone deacetylase inhibitors epigenetically promote reparative events in primary dental pulp cells. Experimental Cell Research, 2013, 319, 1534-1543.	2.6	49
99	Hepatocyte growth factor is sequestered in dentine matrix and promotes regeneration-associated events in dental pulp cells. Cytokine, 2013, 61, 622-629.	3.2	27
100	Micronutrient modulation of NF- κ B in oral keratinocytes exposed to periodontal bacteria. Innate Immunity, 2013, 19, 140-151.	2.4	10
101	Differentiation of BMMSCs into odontoblast-like cells induced by natural dentine matrix. Archives of Oral Biology, 2013, 58, 862-870.	1.8	21
102	Human Stem Cells from the Apical Papilla Response to Bacterial Lipopolysaccharide Exposure and Anti-inflammatory Effects of Nuclear Factor I C. Journal of Endodontics, 2013, 39, 1416-1422.	3.1	46
103	Reciprocating Root Canal Technique Induces Greater Debris Accumulation Than a Continuous Rotary Technique as Assessed by 3-Dimensional Micro-Computed Tomography. Journal of Endodontics, 2013, 39, 1067-1070.	3.1	82
104	A2.16...Synovial Fluid Neutrophils Undergoing Netosis Contribute to Joint Inflammation by Producing Citrullinated Autoantigens. Annals of the Rheumatic Diseases, 2013, 72, A10.1-A10.	0.9	0
105	The Effect of Bioglass Addition on Mechanical and Physical Properties of Photoactive UDMA-TEGDMA Resin Composites. Key Engineering Materials, 2013, 587, 215-221.	0.4	1
106	Paul R. Cooper, PHD, Professor of Oral Biology, School of Dentistry, University of Birmingham, Birmingham, UK. Endodontic Topics, 2013, 28, 121-121.	0.5	0
107	CpG <sc>ODN</sc>â€induced matrix metalloproteinaseâ€13 expression is mediated via activation of the <sc>ERK</sc> and <sc>NF</sc>â€ κ B signalling pathways in odontoblast cells. International Endodontic Journal, 2013, 46, 666-674.	5.0	16
108	OP0193...Synovial Fluid Neutrophils Undergoing Netosis Contribute to Joint Inflammation by Producing Citrullinated Autoantigens. Annals of the Rheumatic Diseases, 2013, 72, A118.1-A118.	0.9	0

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109	Dentin matrix component solubilization by solutions of pH relevant to self-etching dental adhesives. <i>Journal of Adhesive Dentistry</i> , 2013, 15, 407-12.	0.5	30
110	Effects of Red Light-emitting Diode Irradiation on Dental Pulp Cells. <i>Journal of Dental Research</i> , 2012, 91, 961-966.	5.2	54
111	Paul R. Cooper, PHD, Professor of Oral Biology, School of Dentistry, University of Birmingham, Birmingham, UK. <i>Endodontic Topics</i> , 2012, 26, 77-77.	0.5	0
112	The pulp healing process: from generation to regeneration. <i>Endodontic Topics</i> , 2012, 26, 41-56.	0.5	24
113	Harnessing the Natural Regenerative Potential of the Dental Pulp. <i>Dental Clinics of North America</i> , 2012, 56, 589-601.	1.8	36
114	Recruitment of dental pulp cells by dentine and pulp extracellular matrix components. <i>Experimental Cell Research</i> , 2012, 318, 2397-2406.	2.6	71
115	An analytical Micro CT methodology for quantifying inorganic dentine debris following internal tooth preparation. <i>Journal of Dentistry</i> , 2012, 40, 999-1005.	4.1	36
116	Histone Deacetylase Inhibitors Induced Differentiation and Accelerated Mineralization of Pulp-derived Cells. <i>Journal of Endodontics</i> , 2012, 38, 339-345.	3.1	57
117	Low-intensity Low-frequency Ultrasound Promotes Proliferation and Differentiation of Odontoblast-like Cells. <i>Journal of Endodontics</i> , 2012, 38, 608-613.	3.1	31
118	Glial cell line-derived neurotrophic factor influences proliferation of osteoblastic cells. <i>Cytokine</i> , 2012, 57, 276-281.	3.2	14
119	Low intensity ultrasound stimulates osteoblast migration at different frequencies. <i>Journal of Bone and Mineral Metabolism</i> , 2012, 30, 602-607.	2.7	27
120	Architectural characterization of organotypic cultures of H400 and primary rat keratinocytes. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 3227-3238.	4.0	6
121	Hypochlorous acid regulates neutrophil extracellular trap release in humans. <i>Clinical and Experimental Immunology</i> , 2012, 167, 261-268.	2.6	160
122	Extracellular deoxyribonuclease production by periodontal bacteria. <i>Journal of Periodontal Research</i> , 2012, 47, 439-445.	2.7	67
123	Dentine as a bioactive extracellular matrix. <i>Archives of Oral Biology</i> , 2012, 57, 109-121.	1.8	216
124	Antibacterial activity of dentine and pulp extracellular matrix extracts. <i>International Endodontic Journal</i> , 2012, 45, 749-755.	5.0	21
125	Dentin-Pulp Complex Regeneration. <i>Advances in Dental Research</i> , 2011, 23, 340-345.	3.6	75
126	Angiogenic Activity of Dentin Matrix Components. <i>Journal of Endodontics</i> , 2011, 37, 26-30.	3.1	89

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127	Fusobacterium nucleatum regulation of neutrophil transcription. Journal of Periodontal Research, 2011, 46, 1-12.	2.7	25
128	Species identification and authentication of human and rodent cell cultures using polymerase chain reaction analysis of vomeronasal receptor genes. Cytotechnology, 2011, 63, 553-558.	1.6	4
129	Mediators of Inflammation and Regeneration. Advances in Dental Research, 2011, 23, 290-295.	3.6	56
130	HDACi. Journal of Dental Research, 2011, 90, 1377-1388.	5.2	42
131	Effects of Glial Cell Line-derived Neurotrophic Factor on Dental Pulp Cells. Journal of Dental Research, 2011, 90, 1240-1245.	5.2	23
132	Hypochlorous acid (HOCl) regulates neutrophil extracellular trap (NET) release. FASEB Journal, 2011, 25, 116.7.	0.5	0
133	Can interaction of materials with the dentin-pulp complex contribute to dentin regeneration?. Odontology / the Society of the Nippon Dental University, 2010, 98, 2-14.	1.9	110
134	Oral Keratinocyte Responses to Nickel-based Dental Casting Alloys<i>In Vitro</i>. Journal of Biomaterials Applications, 2010, 25, 251-267.	2.4	9
135	Adrenomedullin is expressed during rodent dental tissue development and promotes cell growth and mineralization. Biology of the Cell, 2010, 102, 145-157.	2.0	36
136	The MAP Kinase Pathway Is Involved in Odontoblast Stimulation via p38 Phosphorylation. Journal of Endodontics, 2010, 36, 256-259.	3.1	86
137	Trauma and Dentinogenesis: A Case Report. Journal of Endodontics, 2010, 36, 342-344.	3.1	5
138	Inflammation®eneration interplay in the dentine&pulp complex. Journal of Dentistry, 2010, 38, 687-697.	4.1	292
139	VEGF and odontoblast-like cells: Stimulation by low frequency ultrasound. Archives of Oral Biology, 2009, 54, 185-191.	1.8	52
140	Phenotype and behaviour of dental pulp cells during expansion culture. Archives of Oral Biology, 2009, 54, 898-908.	1.8	70
141	TGF- β /Extracellular Matrix Interactions in Dentin Matrix: A Role in Regulating Sequestration and Protection of Bioactivity. Calcified Tissue International, 2009, 85, 66-74.	3.1	72
142	Molecular characterization of young and mature odontoblasts. Bone, 2009, 45, 693-703.	2.9	89
143	Therapeutic ultrasound for dental tissue repair. Medical Hypotheses, 2009, 73, 591-593.	1.5	29
144	Dental regeneration and materials&a partnership. Clinical Oral Investigations, 2008, 12, 103-108.	3.0	46

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145	Transcriptome analysis of odontoblasts in primary and secondary dentinogenesis.. International Endodontic Journal, 2008, 41, 815-816.	5.0	0
146	The potential of a resin-composite to be cured to a 4mm depth. Dental Materials, 2008, 24, 522-529.	3.5	74
147	Periodontitis Associates with a Type 1 IFN Signature in Peripheral Blood Neutrophils. Journal of Immunology, 2008, 181, 5775-5784.	0.8	71
148	Hyperactivity and reactivity of peripheral blood neutrophils in chronic periodontitis. Clinical and Experimental Immunology, 2007, 147, 255-264.	2.6	172
149	Neutrophil Hyper-responsiveness in Periodontitis. Journal of Dental Research, 2007, 86, 718-722.	5.2	153
150	Dissolution of bio-active dentine matrix components by mineral trioxide aggregate. Journal of Dentistry, 2007, 35, 636-642.	4.1	219
151	Short-Term In Vitro Effects of Low Frequency Ultrasound on Odontoblast-Like Cells. Ultrasound in Medicine and Biology, 2007, 33, 1475-1482.	1.5	31
152	Influence of calcium phosphate crystal assemblies on the proliferation and osteogenic gene expression of rat bone marrow stromal cells. Biomaterials, 2007, 28, 1393-1403.	11.4	119
153	Differential activation of NF- κ B and gene expression in oral epithelial cells by periodontal pathogens. Clinical and Experimental Immunology, 2007, 148, 307-324.	2.6	127
154	Competency assessment for infection control in the undergraduate dental curriculum. European Journal of Dental Education, 2007, 11, 148-154.	2.0	26
155	The effect of calcium hydroxide on solubilisation of bio-active dentine matrix components. Biomaterials, 2006, 27, 2865-2873.	11.4	284
156	Bone marrow cell gene expression and tissue construct assembly using octacalcium phosphate microscaffolds. Biomaterials, 2006, 27, 2874-2881.	11.4	93
157	Comparison of bone marrow cell growth on 2D and 3D alginate hydrogels. Journal of Materials Science: Materials in Medicine, 2005, 16, 515-519.	3.6	104
158	British Orthodontic Society, Chapman Prize Winner 2003. Journal of Orthodontics, 2005, 32, 122-132.	1.0	27
159	Gene expression profiling of pulpal tissue reveals the molecular complexity of dental caries. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2005, 1741, 271-281.	3.8	96
160	S100 and Cytokine Expression in Caries. Infection and Immunity, 2004, 72, 4102-4108.	2.2	93
161	Gene expression analysis in cells of the dentine-pulp complex in healthy and carious teeth. Archives of Oral Biology, 2003, 48, 273-283.	1.8	56
162	Piezo-power microdissection of mature human dental tissue. Archives of Oral Biology, 2003, 48, 731-736.	1.8	10

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163	Evaluation of sodium alginate for bone marrow cell tissue engineering. <i>Biomaterials</i> , 2003, 24, 3475-3481.	11.4	315
164	cDNA Representational Difference Analysis of Human Neutrophils Stimulated by GM-CSF. <i>Biochemical and Biophysical Research Communications</i> , 2000, 277, 401-409.	2.1	49
165	A maternally methylated CpG island in <i>KvLQT1</i> is associated with an antisense paternal transcript and loss of imprinting in Beckwith-Wiedemann syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999, 96, 8064-8069.	7.1	399
166	Nibrin, a Novel DNA Double-Strand Break Repair Protein, Is Mutated in Nijmegen Breakage Syndrome. <i>Cell</i> , 1998, 93, 467-476.	28.9	989
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