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List of Publications by Year in descending order

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75
papers

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citations

117625

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3216
citing authors

#	ARTICLE	IF	CITATIONS
1	Biocompatibility and Bioactive Properties of Biodentine™. , 2022, , 31-50.		0
2	Biodentine™ in Inflammation and Pain Control. , 2022, , 51-66.		0
3	Nanoarchitectonics of Electrically Activable Phosphonium Self-Assembled Monolayers to Efficiently Kill and Tackle Bacterial Infections on Demand. International Journal of Molecular Sciences, 2022, 23, 2183.	4.1	1
4	Novel Antibacterial Properties of the Human Dental Pulp Multipotent Mesenchymal Stromal Cell Secretome. American Journal of Pathology, 2022, 192, 956-969.	3.8	3
5	Advanced in Vitro Experimental Models for Tissue Engineering-based Reconstruction of a 3D Dentin/pulp Complex: a Literature Review. Stem Cell Reviews and Reports, 2021, 17, 785-802.	3.8	9
6	Odontoblast cell death induces NLRP3 inflammasome-dependent sterile inflammation and regulates dental pulp cell migration, proliferation and differentiation. International Endodontic Journal, 2021, 54, 941-950.	5.0	8
7	Deciphering Reparative Processes in the Inflamed Dental Pulp. Frontiers in Dental Medicine, 2021, 2, .	1.4	10
8	Ultrashort Peptide Hydrogels Display Antimicrobial Activity and Enhance Angiogenic Growth Factor Release by Dental Pulp Stem/Stromal Cells. Materials, 2021, 14, 2237.	2.9	12
9	Identification and validation of novel biomarkers and therapeutics for pulpitis using connectivity mapping. International Endodontic Journal, 2021, 54, 1571-1580.	5.0	18
10	Fibroblasts Control Macrophage Differentiation during Pulp Inflammation. Journal of Endodontics, 2021, 47, 1427-1434.	3.1	9
11	An international survey on the use of calcium silicate-based sealers in non-surgical endodontic treatment. Clinical Oral Investigations, 2020, 24, 417-424.	3.0	34
12	Investigating unset endodontic sealers'™ eugenol and hydrocortisone roles in modulating the initial steps of inflammation. Clinical Oral Investigations, 2020, 24, 639-647.	3.0	8
13	Xenogeneic bone filling materials modulate mesenchymal stem cell recruitment: role of the Complement C5a. Clinical Oral Investigations, 2020, 24, 2321-2329.	3.0	5
14	Complement activation links inflammation to dental tissue regeneration. Clinical Oral Investigations, 2020, 24, 4185-4196.	3.0	10
15	Conservative Management of Mature Permanent Teeth with Carious Pulp Exposure. Journal of Endodontics, 2020, 46, S33-S41.	3.1	34
16	Pulp Fibroblast Contribution to the Local Control of Pulp Inflammation via Complement Activation. Journal of Endodontics, 2020, 46, S26-S32.	3.1	6
17	Preclinical effectiveness of an experimental tricalcium silicate cement on pulpal repair. Materials Science and Engineering C, 2020, 116, 111167.	7.3	10
18	A connectivity mapping approach predicted acetylsalicylic acid (aspirin) to induce osteo/odontogenic differentiation of dental pulp cells. International Endodontic Journal, 2020, 53, 834-845.	5.0	7

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19	C5L2 Regulates DMP1 Expression during Odontoblastic Differentiation. <i>Journal of Dental Research</i> , 2019, 98, 597-604.	5.2	10
20	How far do calcium release measurements properly reflect its multiple roles in dental tissue mineralization?. <i>Clinical Oral Investigations</i> , 2019, 23, 501-501.	3.0	8
21	Survival of human dental pulp cells after 4-week culture in human tooth model. <i>Journal of Dentistry</i> , 2019, 86, 33-40.	4.1	15
22	BioRoot RCS Extracts Modulate the Early Mechanisms of Periodontal Inflammation and Regeneration. <i>Journal of Endodontics</i> , 2019, 45, 1016-1023.	3.1	21
23	Human Pulp Fibroblast Implication in Phagocytosis via Complement Activation. <i>Journal of Endodontics</i> , 2019, 45, 584-590.	3.1	13
24	Pulp capping materials modulate the balance between inflammation and regeneration. <i>Dental Materials</i> , 2019, 35, 24-35.	3.5	93
25	“The stem cell fashion” do we need only stem cells for tissue regeneration?. <i>Clinical Oral Investigations</i> , 2018, 22, 553-554.	3.0	3
26	Dental Pulp Response to RetroMTA after Partial Pulpotomy in Permanent Human Teeth. <i>Journal of Endodontics</i> , 2018, 44, 1692-1696.	3.1	19
27	Tricalcium Silicate Capping Materials Modulate Pulp Healing and Inflammatory Activity In Vitro. <i>Journal of Endodontics</i> , 2018, 44, 1686-1691.	3.1	57
28	Recent Trends in Tricalcium Silicates for Vital Pulp Therapy. <i>Current Oral Health Reports</i> , 2018, 5, 178-185.	1.6	10
29	C5L2 Silencing in Human Pulp Fibroblasts Enhances Nerve Outgrowth Under Lipoteichoic Acid Stimulation. <i>Journal of Endodontics</i> , 2018, 44, 1396-1401.	3.1	9
30	Pathophysiology of Dental Caries. <i>Monographs in Oral Science</i> , 2018, 27, 1-10.	1.8	64
31	C5L2 Receptor Represses Brain-Derived Neurotrophic Factor Secretion in Lipoteichoic Acid-Stimulated Pulp Fibroblasts. <i>Journal of Dental Research</i> , 2017, 96, 92-99.	5.2	14
32	Complement Activation by Pulp Capping Materials Plays a Significant Role in Both Inflammatory and Pulp Stem Cells' Recruitment. <i>Journal of Endodontics</i> , 2017, 43, 1104-1110.	3.1	24
33	Light-cured Tricalcium Silicate Toxicity to the Dental Pulp. <i>Journal of Endodontics</i> , 2017, 43, 2074-2080.	3.1	67
34	Potential Therapeutic Strategy of Targeting Pulp Fibroblasts in Dentin-Pulp Regeneration. <i>Journal of Endodontics</i> , 2017, 43, S17-S24.	3.1	41
35	Human Pulp Responses to Partial Pulpotomy Treatment with TheraCal as Compared with Biodentine and ProRoot MTA: A Clinical Trial. <i>Journal of Endodontics</i> , 2017, 43, 1786-1791.	3.1	72
36	Pulp Vascularization during Tooth Development, Regeneration, and Therapy. <i>Journal of Dental Research</i> , 2017, 96, 137-144.	5.2	104

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37	Advances and New Technologies towards Clinical Application of Oral Stem Cells and Their Secretome. Stem Cells International, 2017, 2017, 1-3.	2.5	3
38	Stem Cells of Dental Origin: Current Research Trends and Key Milestones towards Clinical Application. Stem Cells International, 2016, 2016, 1-20.	2.5	65
39	Dental Pulp Stem Cell Recruitment Signals within Injured Dental Pulp Tissue. Dentistry Journal, 2016, 4, 8.	2.3	24
40	Pulp Fibroblasts Control Nerve Regeneration through Complement Activation. Journal of Dental Research, 2016, 95, 913-922.	5.2	38
41	Complement C3a Mobilizes Dental Pulp Stem Cells and Specifically Guides Pulp Fibroblast Recruitment. Journal of Endodontics, 2016, 42, 1377-1384.	3.1	31
42	Nerve Growth Factor Secretion From Pulp Fibroblasts is Modulated by Complement C5a Receptor and Implied in Neurite Outgrowth. Scientific Reports, 2016, 6, 31799.	3.3	23
43	Preparation and characterization of biodegradable polyhydroxybutyrate-co-hydroxyvalerate/polyethylene glycol-based microspheres. International Journal of Pharmaceutics, 2016, 513, 49-61.	5.2	21
44	Biodentine: from biochemical and bioactive properties to clinical applications. Giornale Italiano Di Endodonzia, 2016, 30, 81-88.	0.3	36
45	Characterization and angiogenic potential of xenogeneic bone grafting materials: Role of periodontal ligament cells. Dental Materials Journal, 2016, 35, 900-907.	1.8	20
46	Response to Letter to the Editor, "The Role of Membrane Attack Complex Formation against Gram-positive Bacteria". Journal of Dental Research, 2016, 95, 477-477.	5.2	0
47	Biodentine Reduces Tumor Necrosis Factor Alpha-induced TRPA1 Expression in Odontoblastlike Cells. Journal of Endodontics, 2016, 42, 589-595.	3.1	28
48	Short-term treatment outcome of pulpotomies in primary molars using mineral trioxide aggregate and Biodentine: a randomized clinical trial. Clinical Oral Investigations, 2016, 20, 1639-1645.	3.0	70
49	Bioactivity of a Calcium Silicate-based Endodontic Cement (BioRoot RCS): Interactions with Human Periodontal Ligament Cells In Vitro. Journal of Endodontics, 2015, 41, 1469-1473.	3.1	102
50	LPS Induces Pulp Progenitor Cell Recruitment via Complement Activation. Journal of Dental Research, 2015, 94, 166-174.	5.2	29
51	Can Pulp Fibroblasts Kill Cariogenic Bacteria? Role of Complement Activation. Journal of Dental Research, 2015, 94, 1765-1772.	5.2	35
52	Sources of Dentin-Pulp Regeneration Signals and Their Modulation by the Local Microenvironment. Journal of Endodontics, 2014, 40, S19-S25.	3.1	48
53	Pulp Fibroblasts Synthesize Functional Complement Proteins Involved in Initiating Dentin Pulp Regeneration. American Journal of Pathology, 2014, 184, 1991-2000.	3.8	66
54	Hydration of Biodentine, Theracal LC, and a Prototype Tricalcium Silicate-based Dentin Replacement Material after Pulp Capping in Entire Tooth Cultures. Journal of Endodontics, 2014, 40, 1846-1854.	3.1	110

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55	Dentinâ€“pulp regeneration: the primordial role of the microenvironment and its modification by traumatic injuries and bioactive materials. <i>Endodontic Topics</i> , 2013, 28, 61-89.	0.5	30
56	Usefulness of Controlled Release of Growth Factors in Investigating the Early Events of Dentin-pulp Regeneration. <i>Journal of Endodontics</i> , 2013, 39, 228-235.	3.1	78
57	Endoplasmic reticulum stress and mineralization inhibition mechanism by the resinous monomer <sc>HEMA</sc>. <i>International Endodontic Journal</i> , 2013, 46, 160-168.	5.0	16
58	Pulp Progenitor Cell Recruitment is Selectively Guided by a C5a Gradient. <i>Journal of Dental Research</i> , 2013, 92, 532-539.	5.2	47
59	BiodentineTM induces TGFâ€“ β 1 release from human pulp cells and early dental pulp mineralization. <i>International Endodontic Journal</i> , 2012, 45, 439-448.	5.0	344
60	In vitro microleakage of Biodentine as a dentin substitute compared to Fuji II LC in cervical lining restorations. <i>Journal of Adhesive Dentistry</i> , 2012, 14, 535-42.	0.5	56
61	Human Dental Pulp Fibroblasts Express the â€“Cold-sensingâ€“Transient Receptor Potential Channels TRPA1 and TRPM8. <i>Journal of Endodontics</i> , 2011, 37, 473-478.	3.1	57
62	Human odontoblasts express functional thermo-sensitive TRP channels: Implications for dentin sensitivity. <i>Pain</i> , 2011, 152, 2211-2223.	4.2	105
63	Dentin Regeneration <i>in vitro</i> . <i>Advances in Dental Research</i> , 2011, 23, 320-324.	3.6	51
64	Human tooth culture: A study model for reparative dentinogenesis and direct pulp capping materials biocompatibility. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2008, 85B, 180-187.	3.4	69
65	Apoptosis in developmental and repair-related human tooth remodeling: A view from the inside. <i>Experimental Cell Research</i> , 2008, 314, 869-877.	2.6	66
66	Quantification of angiogenic growth factors released by human dental cells after injury. <i>Archives of Oral Biology</i> , 2008, 53, 9-13.	1.8	130
67	Induction of specific cell responses to a Ca3SiO5-based posterior restorative material. <i>Dental Materials</i> , 2008, 24, 1486-1494.	3.5	245
68	Cytotoxicity of Epiphany $\frac{1}{2}$ and Resilon $\frac{1}{2}$ with a root model. <i>International Endodontic Journal</i> , 2006, 39, 940-944.	5.0	51
69	Role of Human Pulp Fibroblasts in Angiogenesis. <i>Journal of Dental Research</i> , 2006, 85, 819-823.	5.2	124
70	Activation of human dental pulp progenitor/stem cells in response to odontoblast injury. <i>Archives of Oral Biology</i> , 2005, 50, 103-108.	1.8	195
71	Cytotoxicity Testing of Endodontic Sealers: A New Method. <i>Journal of Endodontics</i> , 2003, 29, 583-586.	3.1	84
72	Influence of resinous monomers on the differentiation <i>in vitro</i> of human pulp cells into odontoblasts. <i>Journal of Biomedical Materials Research Part B</i> , 2002, 63, 418-423.	3.1	64

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73	Factors influencing pulpal response to cavity restorations. Dental Materials, 2000, 16, 432-440.	3.5	88
74	Human Dentin Production in Vitro. Experimental Cell Research, 2000, 258, 33-41.	2.6	239
75	Nestin Expression in Embryonic and Adult Human Teeth under Normal and Pathological Conditions. American Journal of Pathology, 2000, 157, 287-295.	3.8	177