Takashi Okiji

List of Publications by Year
in descending order

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155 papers	4,010 citations	126708 33 h-index	155451 55 g-index
159 all docs	159 docs citations	159 times ranked	3569 citing authors

#	Article	IF	Citations
1	Uptake of calcium and silicon released from calcium silicateâ€“based endodontic materials into root canal dentine. International Endodontic Journal, 2011, 44, 1081-1087.	2.3	252
2	Immune Defense Mechanisms of the Dental Pulp. Critical Reviews in Oral Biology and Medicine, 1998, 9, 179-200.	4.4	192
3	Bioactivity evaluation of three calcium silicateâ€based endodontic materials. International Endodontic Journal, 2013, 46, 808-814.	2.3	191
4	Reparative Dentinogenesis Induced by Mineral Trioxide Aggregate: A Review from the Biological and Physicochemical Points of View. International Journal of Dentistry, 2009, 2009, 1-12.	0.5	135
5	Immunohistochemical Analysis of Nestin, Osteopontin, and Proliferating Cells in the Reparative Process of Exposed Dental Pulp Capped with Mineral Trioxide Aggregate. Journal of Endodontics, 2008, 34, 970-974.	1.4	125
6	Odontoblasts: Specialized hardâ€tissueâ€forming cells in the dentinâ€pulp complex. Congenital Anomalies (discontinued), 2016, 56, 144-153.	0.3	118
7	Evaluation of Physical Properties and Surface Degradation of Self-adhesive Resin Cements. Dental Materials Journal, 2007, 26, 906-914.	0.8	115
8	Kinetics of macrophages and lymphoid cells during the development of experimentally induced periapical lesions in rat molars: A quantitative immunohistochemical study. Journal of Endodontics, 1996, 22, 311-316.	1.4	99
9	Clinical study on prognostic factors for autotransplantation of teeth with complete root formation. International Journal of Oral and Maxillofacial Surgery, 2010, 39, 1193-1203.	0.7	88
10	An Immunohistochemical Study of the Distribution of Immunocompetent Cells, Especially Macrophages and Ia Antigen-expressing Cells of Heterogeneous Populations, in Normal Rat Molar Pulp. Journal of Dental Research, 1992, 71, 1196-1202.	2.5	83
11	Long-term observation of autotransplanted teeth with complete root formation in orthodontic patients. American Journal of Orthodontics and Dentofacial Orthopedics, 2010, 138, 720-726.	0.8	69
12	Involvement of arachidonic acid metabolites in increases in vascular permeability in experimental dental pulpal inflammation in the rat. Archives of Oral Biology, 1989, 34, 523-528.	0.8	67
13	Evaluation of calciumâ€releasing and apatiteâ€forming abilities of fastâ€setting calcium silicateâ€based endodontic materials. International Endodontic Journal, 2015, 48, 124-130.	2.3	63
14	Effect of cell culture density on dental pulp-derived mesenchymal stem cells with reference to osteogenic differentiation. Scientific Reports, 2019, 9, 5430.	1.6	57
15	Evaluation of Flowable Resin Composite Surfaces Eroded by Acidic and Alcoholic Drinks. Dental Materials Journal, 2008, 27, 455-465.	0.8	56
16	Morphological and chemical analysis of different precipitates on mineral trioxide aggregate immersed in different fluids. Dental Materials Journal, 2010, 29, 512-517.	0.8	56
17	Antiâ€biofilm and bactericidal effects of magnolia barkâ€derived magnolol and honokiol on Streptococcus mutans. Microbiology and Immunology, 2016, 60, 10-16.	0.7	56
18	Arachidonic-acid metabolism in normal and experimentally-inflamed rat dental pulp. Archives of Oral Biology, 1987, 32, 723-727.	0.8	51

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19	Co-increase of Nerve Fibers and HLA-DRand/or Factor-XIIIa-expressing Dendritic Cells in Dentinal Caries-affected Regions of the Human Dental Pulp: An Immunohistochemical Study. Journal of Dental Research, 1999, 78, 1596-1608.	2.5	51
20	Odontoblast responses to GaAlAs laser irradiation in rat molars: an experimental study using heat-shock protein-25 immunohistochemistry. European Journal of Oral Sciences, 2006, 114, 50-57.	0.7	50
21	Evaluation of the ions release / incorporation of the prototype S-PRG filler-containing endodontic sealer. Dental Materials Journal, 2011, 30, 898-903.	0.8	50
22	Ability of Cone-beam Computed Tomography toÂDetect Periapical Lesions That Were Not Detected by Periapical Radiography: A Retrospective Assessment According to Tooth Group. Journal of Endodontics, 2016, 42, 1186-1190.	1.4	45
23	Evaluation of the Ca ion release, <scp>pH</scp> and surface apatite formation of a prototype tricalcium silicate cement. International Endodontic Journal, 2017, 50, e73-e82.	2.3	44
24	Enhanced expression of activation-associated molecules on macrophages of heterogeneous populations in expanding periapical lesions in rat molars. Archives of Oral Biology, 1999, 44, 67-79.	0.8	42
25	Defense responses of dentin/pulp complex to experimentally induced caries in rat molars: An immunohistochemical study on kinetics of pulpal la antigen-expressing cells and macrophages. Journal of Endodontics, 1997, 23, 115-120.	1.4	41
26	Dynamic Torque and Vertical Force Analysis during Nickel-titanium Rotary Root Canal Preparation with Different Modes of Reciprocal Rotation. Journal of Endodontics, 2017, 43, 1706-1710.	1.4	41
27	Evaluation of a New Fluoride-releasing One-step Adhesive. Dental Materials Journal, 2006, 25, 509-515.	0.8	40
28	Structural and Functional Association between Substance P- and Calcitonin Gene-related Peptide-immunoreactive Nerves and Accessory Cells in the Rat Dental Pulp. Journal of Dental Research, 1997, 76, 1818-1824.	2.5	39
29	Distribution of la antigen-expressing nonlymphoid cells in various stages of induced periapical lesions in rat molars. Journal of Endodontics, 1994, 20, 27-31.	1.4	38
30	Responses of macrophage-associated antigen-expressing cells in the dental pulp of rat molars to experimental tooth replantation. Archives of Oral Biology, 1998, 43, 701-710.	0.8	38
31	Antiâ€inflammatory roles of microRNA 21 in lipopolysaccharideâ€stimulated human dental pulp cells. Journal of Cellular Physiology, 2019, 234, 21331-21341.	2.0	38
32	Residual Structure of Streptococcus mutans Biofilm following Complete Disinfection Favors Secondary Bacterial Adhesion and Biofilm Re-Development. PLoS ONE, 2015, 10, e0116647.	1.1	38
33	Perivascular dendritic cells of the human dental pulp. Acta Physiologica Scandinavica, 1997, 159, 163-169.	2.3	36
34	Association of TIMP-2 with extracellular matrix exposed to mechanical stress and its co-distribution with periostin during mouse mandible development. Cell and Tissue Research, 2007, 330, 133-145.	1.5	31
35	Modified Usage of the Masserann Kit for Removing Intracanal Broken Instruments. Journal of Endodontics, 2003, 29, 466-467.	1.4	30
36	GaAlAs Laser Irradiation Induces Active Tertiary Dentin Formation after Pulpal Apoptosis and Cell Proliferation in Rat Molars. Journal of Endodontics, 2011, 37, 1086-1091.	1.4	30

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37	Properties of Dental Pulpâ€“derived Mesenchymal Stem Cells and the Effects of Culture Conditions. Journal of Endodontics, 2017, 43, S31-S34.	1.4	29
38	Efficiency of Dual-Cured Resin Cement Polymerization Induced by High-Intensity LED Curing Units Through Ceramic Material. Operative Dentistry, 2015, 40, 153-162.	0.6	28
39	Dynamic Torsional and Cyclic Fracture Behavior of ProFile Rotary Instruments at Continuous or Reciprocating Rotation as Visualized with High-speed Digital Video Imaging. Journal of Endodontics, 2017, 43, 1337-1342.	1.4	27
40	Effect of overglazed and polished surface finishes on the compressive fracture strength of machinable ceramic materials. Dental Materials Journal, 2010, 29, 661-667.	0.8	26
41	Bioactivity and biomineralization ability of calcium silicateâ€based pulpâ€capping materials after subcutaneous implantation. International Endodontic Journal, 2017, 50, e40-e51.	2.3	26
42	Implantation of Endothelial Cells with Mesenchymal Stem Cells Accelerates Dental Pulp Tissue Regeneration/Healing in Pulpotomized Rat Molars. Journal of Endodontics, 2017, 43, 943-948.	1.4	25
43	EDTA Treatment for Sodium Hypochloriteâ€“treated Dentin Recovers Disturbed Attachment and Induces Differentiation of Mouse Dental Papilla Cells. Journal of Endodontics, 2018, 44, 256-262.	1.4	25
44	A review of the literature on the efficacy of mineral trioxide aggregate in conservative dentistry. Dental Materials Journal, 2019, 38, 693-700.	0.8	25
45	Comparison of torque, force generation and canal shaping ability between manual and nickel-titanium glide path instruments in rotary and optimum glide path motion. Odontology / the Society of the Nippon Dental University, 2020, 108, 188-193.	0.9	25
46	Immunohistochemical analysis of two stem cell markers of Î±-smooth muscle actin and STRO-1 during wound healing of human dental pulp. Histochemistry and Cell Biology, 2012, 138, 583-592.	0.8	24
47	Cyclic Fatigue Resistance of Rotary and Reciprocating Nickel-Titanium Instruments Subjected to Static and Dynamic Tests. Journal of Endodontics, 2020, 46, 1752-1757.	1.4	24
48	Age-related changes in the immunoreactivity of the monocyte/macrophage system in rat molar pulp. Archives of Oral Biology, 1996, 41, 453-460.	0.8	23
49	Ultrastructural Analysis of MHC Class II Molecule-Expressing Cells in Experimentally Induced Periapical Lesions in the Rat. Journal of Endodontics, 2001, 27, 337-342.	1.4	23
50	Immunocompetent cells in the pulp of human deciduous teeth. Archives of Oral Biology, 2004, 49, 29-36.	0.8	23
51	Initial Transient Accumulation of M2 Macrophageâ€“associated Molecule-expressing Cells after Pulpotomy with Mineral Trioxide Aggregate in Rat Molars. Journal of Endodontics, 2014, 40, 1983-1988.	1.4	23
52	M2 Macrophages Participate in the Biological Tissue Healing Reaction to Mineral Trioxide Aggregate. Journal of Endodontics, 2014, 40, 379-383.	1.4	23
53	Macrophage populations show an M1â€toâ€M2 transition in an experimental model of coronal pulp tissue engineering with mesenchymal stem cells. International Endodontic Journal, 2019, 52, 504-514.	2.3	23
54	Enamel Micro-cracks Produced around Restorations with Flowable Composites. Dental Materials Journal, 2005, 24, 83-91.	0.8	22

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55	Clinical management of dens invaginatus in a maxillary lateral incisor with the aid of cone-beam computed tomography - a case report. Dental Traumatology, 2011, 27, 478-483.	0.8	22
56	Penetration kinetics of four mouthrinses into Streptococcus mutans biofilms analyzed by direct time-lapse visualization. Clinical Oral Investigations, 2014, 18, 625-634.	1.4	22
57	Strontium ranelate promotes odonto-/osteogenic differentiation/mineralization of dental papillae cells in vitro and mineralized tissue formation of the dental pulp in vivo. Scientific Reports, 2018, 8, 9224.	1.6	22
58	Effect of Different Speeds of Up-and-down Motion on Canal Centering Ability and Vertical Force and Torque Generation of Nickel-titanium Rotary Instruments. Journal of Endodontics, 2019, 45, 68-72.e1.	1.4	22
59	Effect of Optimum Torque Reverse Motion on Torque and Force Generation during Root Canal Instrumentation with Crown-down and Single-length Techniques. Journal of Endodontics, 2020, 46, 232-237.	1.4	22
60	Immunoelectron Microscopic Analysis of CD11c-Positive Dendritic Cells in the Periapical Region of the Periodontal Ligament of Rat Molars. Journal of Endodontics, 2006, 32, 1164-1167.	1.4	21
61	Immunohistochemical analysis of subcutaneous tissue reactions to methacrylate resin-based root canal sealers. International Endodontic Journal, 2011, 44, 669-675.	2.3	21
62	The role of N-methyl-d-aspartate receptor subunits in the rat thalamic mediodorsal nucleus during central sensitization. Brain Research, 2011, 1371, 16-22.	1.1	19
63	Transient receptor potential melastatin (TRPM) 8 is expressed in freshly isolated native human odontoblasts. Archives of Oral Biology, 2017, 75, 55-61.	0.8	19
64	Effect of Laser Energy and Tip Insertion Depth on the Pressure Generated Outside the Apical Foramen During Er:YAG Laser-Activated Root Canal Irrigation. Photomedicine and Laser Surgery, 2017, 35, 682-687.	2.1	19
65	Dental pulp tissue engineering of pulpotomized rat molars with bone marrow mesenchymal stem cells. Odontology / the Society of the Nippon Dental University, 2017, 105, 392-397.	0.9	19
66	Comparative analysis of mechanical properties of differently tapered nickeltitanium endodontic rotary instruments. Dental Materials Journal, 2018, 37, 667-674.	0.8	19
67	The Role of Leukotriene B4 in Neutrophil Infiltration in Experimentally-induced Inflammation of Rat Tooth Pulp. Journal of Dental Research, 1991, 70, 34-37.	2.5	18
68	Dental Pulp Tissue Engineering Using Mesenchymal Stem Cells: a Review with a Protocol. Stem Cell Reviews and Reports, 2018, 14, 668-676.	5.6	18
69	Effects of heating on the physical properties of premixed calcium silicate-based root canal sealers. Journal of Oral Science, 2021, 63, 65-69.	0.7	18
70	Immunohistochemical detection of prostaglandin I2 synthase in various calcified tissue-forming cells in rat. Archives of Oral Biology, 1993, 38, 31-36.	0.8	17
71	Removal of Resin-based Root Canal Filling Materials with K3 Rotary Instruments: Relative Efficacy for Different Combinations of Filling Materials. Dental Materials Journal, 2008, 27, 75-80.	0.8	17
72	Evaluation of selected mechanical properties of NiTi rotary glide path files manufactured from controlled memory wires. Dental Materials Journal, 2018, 37, 549-554.	0.8	16

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73	An immunoelectron-microscopic study of class II major histocompatibility complex molecule-expressing macrophages and dendritic cells in experimental rat periapical lesions. Archives of Oral Biology, 2001, 46, 713-720.	0.8	15
74	Impact of Streptococcus mutans on the generation of fluorescence from artificially induced enamel and dentin carious lesions in vitro. Odontology / the Society of the Nippon Dental University, 2008, 96, 21-25.	0.9	15
75	Expressional Alterations of Fibrillin-1 during Wound Healing of Human Dental Pulp. Journal of Endodontics, 2012, 38, 177-184.	1.4	15
76	Assessment of mechanical properties of WaveOne Gold Primary reciprocating instruments. Dental Materials Journal, 2019, 38, 490-495.	0.8	15
77	Effect of ascorbic acid deficiency on primary and reparative dentinogenesis in non-ascorbate-synthesizing ods rats. Archives of Oral Biology, 1997, 42, 695-704.	0.8	14
78	Localization and density of myeloid leucocytes in the periodontal ligament of normal rat molars. Archives of Oral Biology, 2001, 46, 509-520.	0.8	14
79	Neuron-immune Interactions in the Sensitized Thalamus Induced by Mustard Oil Application to Rat Molar Pulp. Journal of Dental Research, 2010, 89, 1309-1314.	2.5	14
80	Expression of Angiogenic Factors in Rat Periapical Lesions. Journal of Endodontics, 2012, 38, 313-317.	1.4	14
81	In vivo fate of bone marrow mesenchymal stem cells implanted into rat pulpotomized molars. Stem Cell Research, 2019, 38, 101457.	0.3	14
82	HIF1Î± inhibits LPS-mediated induction of IL-6 synthesis via SOCS3-dependent CEBPÎ² suppression in human dental pulp cells. Biochemical and Biophysical Research Communications, 2020, 522, 308-314.	1.0	14
83	Neural Regeneration/Remodeling in Engineered Coronal Pulp Tissue in the Rat Molar. Journal of Endodontics, 2020, 46, 943-949.	1.4	14
84	Characteristics of resident dendritic cells in various regions of rat periodontal ligament. Cell and Tissue Research, 2008, 331, 413-421.	1.5	13
85	Influence of the Diameter and Taper of Root Canals on the Removal Efficiency of Thermafil Plus Plastic Carriers Using ProTaper Retreatment Files. Journal of Endodontics, 2010, 36, 1676-1678.	1.4	13
86	Immunohistochemical and gene expression analysis of stem-cell-associated markers in rat dental pulp. Cell and Tissue Research, 2013, 351, 425-432.	1.5	13
87	Evaluation of Root Canal Anatomy of Maxillary Premolars Using Swept-Source Optical Coherence Tomography in Comparison with Dental Operating Microscope and Cone Beam Computed Tomography. Photomedicine and Laser Surgery, 2018, 36, 487-492.	2.1	13
88	Comparative evaluation of mechanical properties and shaping performance of heat-treated nickel titanium rotary instruments used in the single-length technique. Dental Materials Journal, 2021, 40, 743-749.	0.8	13
89	Antigen-presenting Cells in Human Radicular Granulomas. Journal of Dental Research, 2008, 87, 553-557.	2.5	12
90	Prostaglandin Transporting Protein-mediated Prostaglandin E2 Transport in Lipopolysaccharide-inflamed Rat Dental Pulp. Journal of Endodontics, 2014, 40, 1112-1117.	1.4	12

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91	Temporospatial localization of dentine matrix protein 1 following direct pulp capping with calcium hydroxide in rat molars. International Endodontic Journal, 2015, 48, 573-581.	2.3	12
92	Effects of pulpotomy using mineral trioxide aggregate on prostaglandin transporter and receptors in rat molars. Scientific Reports, 2017, 7, 6870.	1.6	12
93	Cleaning and Shaping Ability of Gentlefile, HyFlex EDM, and ProTaper Next Instruments: AÂCombined Microâ€“computed Tomographic and Scanning Electron Microscopic Study. Journal of Endodontics, 2020, 46, 973-979.	1.4	12
94	Hypoxia-inducible factor 1Î± induces osteo/odontoblast differentiation of human dental pulp stem cells via Wnt/Î²-catenin transcriptional cofactor BCL9. Scientific Reports, 2022, 12, 682.	1.6	12
95	Gene expression analysis of immunostained endothelial cells isolated from formaldehydeâ€fixated paraffin embedded tumors using laser capture microdissectionâ€”A technical report. Microscopy Research and Technique, 2009, 72, 908-912.	1.2	11
96	Influence of rotational speed on torque/force generation and shaping ability during root canal instrumentation of extracted teeth with continuous rotation and optimum torque reverse motion. International Endodontic Journal, 2021, 54, 1614-1622.	2.3	11
97	Correlation between Fibrillin-1 Degradation and mRNA Downregulation and Myofibroblast Differentiation in Cultured Human Dental Pulp Tissue. Journal of Histochemistry and Cytochemistry, 2015, 63, 438-448.	1.3	10
98	GaAlAs laserâ€induced pulp mineralization involves dentin matrix protein 1 and osteopontin expression. Oral Diseases, 2016, 22, 399-405.	1.5	10
99	Hypoxiaâ€inducible factor 1Î± promotes interleukin 1Î² and tumour necrosis factor Î± expression in lipopolysaccharideâ€stimulated human dental pulp cells. International Endodontic Journal, 2020, 53, 636-646.	2.3	10
100	Kinetics of LYVE-1-positive M2-like macrophages in developing and repairing dental pulp in vivo and their pro-angiogenic activity in vitro. Scientific Reports, 2022, 12, 5176.	1.6	10
101	Heterogeneity of dendritic cells in rat apical periodontitis. Cell and Tissue Research, 2008, 331, 617-623.	1.5	9
102	A Novel Bioactive Endodontic Sealer Containing Surface-Reaction-Type Prereacted Glass-Ionomer Filler Induces Osteoblast Differentiation. Materials, 2020, 13, 4477.	1.3	9
103	Effect of tip insertion depth and irradiation parameters on the efficacy of cleaning calcium hydroxide from simulated lateral canals using Er:YAG laser- or ultrasonic-activated irrigation. Journal of Dental Sciences, 2021, 16, 654-660.	1.2	9
104	Analysis of Torque and Force Induced by Rotary Nickel-Titanium Instruments during Root Canal Preparation: A Systematic Review. Applied Sciences (Switzerland), 2021, 11, 3079.	1.3	9
105	Differential cellâ€specific location of Cavâ€1 and Ca²⁺â€ATPase in terminal Schwann cells and mechanoreceptive Ruffini endings in the periodontal ligament of the rat incisor. Journal of Anatomy, 2009, 214, 267-274.	0.9	8
106	Gene Expression Analysis of Resident Macrophages in Lipopolysaccharide-stimulated Rat Molar Pulps. Journal of Endodontics, 2011, 37, 1258-1263.	1.4	8
107	Enhanced root canal-centering ability and reduced screw-in force generation of reciprocating nickel-titanium instruments with a post-machining thermal treatment. Dental Materials Journal, 2020, 39, 251-255.	0.8	8
108	Transient Receptor Potential Ankyrin 1 Is Up-Regulated in Response to Lipopolysaccharide via P38/Mitogen-Activated Protein Kinase in Dental Pulp Cells and Promotes Mineralization. American Journal of Pathology, 2020, 190, 2417-2426.	1.9	8

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109	Crosstalk between dental pulp stem cells and endothelial cells augments angiogenic factor expression. Oral Diseases, 2020, 26, 1275-1283.	1.5	8
110	Increased Gene Expression of Toll-like Receptors and Antigen-Presenting Cellâ€“related Molecules in the Onset of Experimentally Induced Furcation Lesions of Endodontic Origin in Rat Molars. Journal of Endodontics, 2010, 36, 251-255.	1.4	7
111	Artificial Dental Pulp Exposure Injury Up-regulates Antigen-Presenting Cellâ€“related Molecules in Rat Central Nervous System. Journal of Endodontics, 2010, 36, 459-464.	1.4	7
112	Inhibition of Nuclear Factor Kappa B Prevents the Development of Experimental Periapical Lesions. Journal of Endodontics, 2019, 45, 168-173.	1.4	7
113	Comparison of Torque, Screw-in Force, and Shaping Ability of Glide Path Instruments in Continuous Rotation and Optimum Glide Path Motion. Journal of Endodontics, 2021, 47, 94-99.	1.4	7
114	Response of class II molecule-expressing cells and macrophages to cavity preparation and restoration with 4-META /MMA-TBB resin. International Endodontic Journal, 2000, 33, 367-373.	2.3	6
115	Morphological analysis of flowable resins after long-term storage or surface polishing with a mini-brush. Dental Materials Journal, 2009, 28, 277-284.	0.8	6
116	Laser Capture Microdissection in Dentistry. International Journal of Dentistry, 2010, 2010, 1-8.	0.5	6
117	Gene Expression Analysis of Acutely Traumatized Pulps. Journal of Endodontics, 2010, 36, 78-82.	1.4	6
118	Impact of remnant healthy pulp and apical tissue on outcomes after simulated regenerative endodontic procedure in rat molars. Scientific Reports, 2020, 10, 20967.	1.6	6
119	Effect of Pulse Energy, Pulse Frequency, and Tip Diameter on Intracanal Vaporized Bubble Kinetics and Apical Pressure During Laser-Activated Irrigation Using Er:YAG Laser. Photobiomodulation, Photomedicine, and Laser Surgery, 2020, 38, 431-437.	0.7	6
120	Preparation and properties of tristrontium aluminate as an alternative component of mineral trioxide aggregate (MTA) cement. Dental Materials Journal, 2021, 40, 184-190.	0.8	6
121	Er:YAG Laser-Activated Irrigation in Comparison with Different Irrigation Systems for Cleaning the Apical Root Canal Area Beyond Ledge. Photobiomodulation, Photomedicine, and Laser Surgery, 2021, 39, 759-765.	0.7	6
122	Current and future strategies for the control of mature oral biofilmsâ€”Shift from a bacteria-targeting to a matrix-targeting approach. Journal of Oral Biosciences, 2012, 54, 173-179.	0.8	5
123	Gene Expression Analysis of Membrane Transport Proteins in Normal and Lipopolysaccharide-inflamed Rat Dental Pulp. Journal of Endodontics, 2012, 38, 648-652.	1.4	5
124	Odontoblast response to cavity preparation with Er:YAG laser in rat molars: an immunohistochemical study. Odontology / the Society of the Nippon Dental University, 2013, 101, 186-192.	0.9	5
125	Evaluation of Crack Formation and Propagation with Ultrasonic Root-End Preparation and Obturation Using a Digital Microscope and Optical Coherence Tomography. Scanning, 2019, 2019, 1-6.	0.7	5
126	Mineral trioxide aggregate suppresses proâ€inflammatory cytokine expression via the calcineurin/nuclear factor of activated T cells/early growth response 2 pathway in lipopolysaccharideâ€stimulated macrophages. International Endodontic Journal, 2020, 53, 1653-1665.	2.3	5

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127	An Ultrastructural Analysis of the Prototype Single-step Adhesive Applied on Enamel and Dentin Surfaces. Dental Materials Journal, 2004, 23, 321-328.	0.8	5
128	Effect of kinematics on the torque/force generation, surface characteristics, and shaping ability of a nickelâ€titanium rotary glide path instrument: An ex vivo study. International Endodontic Journal, 2022, , .	2.3	5
129	Clinical study on root resorption of autotransplanted teeth with complete root formation. Asian Journal of Oral and Maxillofacial Surgery, 2011, 23, 18-24.	0.1	4
130	Up-regulation of p38 Mitogen-activated Protein Kinase during Pulp Injuryâ€“induced Glial Cell/Neuronal Interaction inÂthe Rat Thalamus. Journal of Endodontics, 2013, 39, 488-492.	1.4	4
131	Evaluation of the responses of MHC class II molecule-expressing cells and macrophages to epoxy resin-based and 4-META-containing, methacrylate resin-based root canal sealers in rat subcutaneous tissue. Dental Materials Journal, 2013, 32, 822-827.	0.8	4
132	Effect of lipopolysaccharide stimulation on stem cellâ€associated markerâ€expressing cells. International Endodontic Journal, 2018, 51, e107-e114.	2.3	4
133	Differences in the corono-apical location of sinus tracts and buccal cortical bone defects between vertically root-fractured and non-root-fractured teeth based on periradicular microsurgery. Journal of Oral Science, 2020, 62, 327-330.	0.7	4
134	Orthodontic force application upregulated pain-associated prostaglandin-I2/PGI2-receptor/TRPV1 pathway-related gene expression in rat molars. Odontology / the Society of the Nippon Dental University, 2018, 106, 2-10.	0.9	3
135	Polymorphonuclear Myeloid-Derived Cells That Contribute to the Immune Paralysis Are Generated in the Early Phase of Sepsis via PD-1/PD-L1 Pathway. Infection and Immunity, 2021, 89, .	1.0	3
136	Kinetic Study of Immunohistochemical Colocalization of Antigen-presenting Cells and Nerve Fibers in Rat Periapical Lesions. Journal of Endodontics, 2007, 33, 132-136.	1.4	2
137	A novel whole toothâ€inâ€jawâ€bone culture of rat molars: Morphological, immunohistochemical, and laser capture microdissection analysis. Microscopy Research and Technique, 2012, 75, 1341-1347.	1.2	2
138	Fluid Movement in the Apical Area Beyond the Ledge During Er:YAG Laser-Activated Irrigation: A Particle Image Velocimetry Analysis. Photobiomodulation, Photomedicine, and Laser Surgery, 2020, 38, 438-443.	0.7	2
139	Evaluation of the anti-inflammatory effects of surface-reaction-type pre-reacted glass-ionomer filler containing root canal sealer in lipopolysaccharide-stimulated RAW264.7 macrophages. Dental Materials Journal, 2022, 41, 150-158.	0.8	2
140	Laser-Capture Microdissection for Factor VIII-Expressing Endothelial Cells in Cancer Tissues. Methods in Molecular Biology, 2011, 755, 395-403.	0.4	2
141	Evaluation of cleaning efficacy-related properties of root canal irrigant activation using a computer-controlled hot tip powered with a diode laser. Asian Pacific Journal of Dentistry, 2019, 19, 9-15.	0.1	2
142	Angiogenesis during coronal pulp regeneration using rat dental pulp cells: Neovascularization in rat molars inÂvivo and proangiogenic dental pulp cell-endothelial cell interactions inÂvitro. Journal of Dental Sciences, 2022, 17, 1160-1168.	1.2	2
143	Distrontium Cerate as a Radiopaque Component of Hydraulic Endodontic Cement. Materials, 2022, 15, 284.	1.3	2
144	An Experimental Study On The Vasoconstriction Effect Of Calcium Hydroxide Using Rat Mesentery. Australian Endodontic Journal, 2003, 29, 116-119.	0.6	1

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145	Pulp inflammation induces Kv1.1 K⁺ channel downâ€regulation in rat thalamus. Oral Diseases, 2022, 28, 1674-1681.	1.5	1
146	Evaluation of the cytocompatibility of methacrylate resin-based root canal sealers with osteoblast-like cells. Dental Materials Journal, 2021, 40, 942-948.	0.8	1
147	Biocompatibility and pro-mineralization effect of tristrontium aluminate cement for endodontic use. Journal of Dental Sciences, 2022, 17, 1193-1200.	1.2	1
148	Evaluation of a new mouse model for studying dental pulpal responses to GaAlAs laser irradiation. Journal of Oral Biosciences, 2017, 59, 38-43.	0.8	0
149	Transmitted-light plethysmography detects changes in human pulpal blood flow elicited by innocuous tooth cooling and foot heating. Archives of Oral Biology, 2020, 119, 104881.	0.8	0
150	Intracanal Vaporized Bubble Kinetics and Apical Pressure During Root Canal Irrigation Activated by Er:YAG laser:. Journal of Japanese Society for Laser Dentistry, 2020, 30, 57-62.	0.1	0
151	Pathophysiological roles of arachidonic acid metabolites in rat dental pulp. , 1992, 88 Suppl 1, 433-8.		0
152	Impact of Radial Lands on the Reduction of Torque/Force Generation of a Heat-Treated Nickel-Titanium Rotary Instrument. Applied Sciences (Switzerland), 2022, 12, 2620.	1.3	0
153	Effect of Different Downward Loads on Canal Centering Ability, Vertical Force, and Torque Generation during Nickelâ€“Titanium Rotary Instrumentation. Materials, 2022, 15, 2724.	1.3	0
154	Application of Root Canal Irrigation using Er:YAG Laser. Nippon Laser Igakkaishi, 2022, , .	0.0	0
155	GaAlAs Diode Laser-induced Mineralized Tissue Formation in Dentin/Pulp Complex: A Review. Nippon Laser Igakkaishi, 2022, , .	0.0	0