

Takashi Okiji

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7081022/publications.pdf>

Version: 2024-02-01

155
papers

4,010
citations

126907

33
h-index

155660

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 silicate-based endodontic materials into root canal dentine. <i>International Endodontic Journal</i> , 2011, 44, 1081-1087.	5.0	252
2	Immune Defense Mechanisms of the Dental Pulp. <i>Critical Reviews in Oral Biology and Medicine</i> , 1998, 9, 179-200.	4.4	192
3	Bioactivity evaluation of three calcium silicate-based endodontic materials. <i>International Endodontic Journal</i> , 2013, 46, 808-814.	5.0	191
4	Reparative Dentinogenesis Induced by Mineral Trioxide Aggregate: A Review from the Biological and Physicochemical Points of View. <i>International Journal of Dentistry</i> , 2009, 2009, 1-12.	1.5	135
5	Immunohistochemical Analysis of Nestin, Osteopontin, and Proliferating Cells in the Reparative Process of Exposed Dental Pulp Capped with Mineral Trioxide Aggregate. <i>Journal of Endodontics</i> , 2008, 34, 970-974.	3.1	125
6	Odontoblasts: Specialized hard-tissue-forming cells in the dentin-pulp complex. <i>Congenital Anomalies (discontinued)</i> , 2016, 56, 144-153.	0.6	118
7	Evaluation of Physical Properties and Surface Degradation of Self-adhesive Resin Cements. <i>Dental Materials Journal</i> , 2007, 26, 906-914.	1.8	115
8	Kinetics of macrophages and lymphoid cells during the development of experimentally induced periapical lesions in rat molars: A quantitative immunohistochemical study. <i>Journal of Endodontics</i> , 1996, 22, 311-316.	3.1	99
9	Clinical study on prognostic factors for autotransplantation of teeth with complete root formation. <i>International Journal of Oral and Maxillofacial Surgery</i> , 2010, 39, 1193-1203.	1.5	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. <i>Journal of Dental Research</i> , 1992, 71, 1196-1202.	5.2	83
11	Long-term observation of autotransplanted teeth with complete root formation in orthodontic patients. <i>American Journal of Orthodontics and Dentofacial Orthopedics</i> , 2010, 138, 720-726.	1.7	69
12	Involvement of arachidonic acid metabolites in increases in vascular permeability in experimental dental pulpal inflammation in the rat. <i>Archives of Oral Biology</i> , 1989, 34, 523-528.	1.8	67
13	Evaluation of calcium-releasing and apatite-forming abilities of fast-setting calcium silicate-based endodontic materials. <i>International Endodontic Journal</i> , 2015, 48, 124-130.	5.0	63
14	Effect of cell culture density on dental pulp-derived mesenchymal stem cells with reference to osteogenic differentiation. <i>Scientific Reports</i> , 2019, 9, 5430.	3.3	57
15	Evaluation of Flowable Resin Composite Surfaces Eroded by Acidic and Alcoholic Drinks. <i>Dental Materials Journal</i> , 2008, 27, 455-465.	1.8	56
16	Morphological and chemical analysis of different precipitates on mineral trioxide aggregate immersed in different fluids. <i>Dental Materials Journal</i> , 2010, 29, 512-517.	1.8	56
17	Anti-biofilm and bactericidal effects of magnolia bark-derived magnolol and honokiol on <i>Streptococcus mutans</i> . <i>Microbiology and Immunology</i> , 2016, 60, 10-16.	1.4	56
18	Arachidonic-acid metabolism in normal and experimentally-inflamed rat dental pulp. <i>Archives of Oral Biology</i> , 1987, 32, 723-727.	1.8	51

#	ARTICLE	IF	CITATIONS
19	Co-increase of Nerve Fibers and HLA-DR and/or Factor-XIIIa-expressing Dendritic Cells in Dentinal Caries-affected Regions of the Human Dental Pulp: An Immunohistochemical Study. <i>Journal of Dental Research</i> , 1999, 78, 1596-1608.	5.2	51
20	Odontoblast responses to GaAlAs laser irradiation in rat molars: an experimental study using heat-shock protein-25 immunohistochemistry. <i>European Journal of Oral Sciences</i> , 2006, 114, 50-57.	1.5	50
21	Evaluation of the ions release / incorporation of the prototype S-PRG filler-containing endodontic sealer. <i>Dental Materials Journal</i> , 2011, 30, 898-903.	1.8	50
22	Ability of Cone-beam Computed Tomography to Detect Periapical Lesions That Were Not Detected by Periapical Radiography: A Retrospective Assessment According to Tooth Group. <i>Journal of Endodontics</i> , 2016, 42, 1186-1190.	3.1	45
23	Evaluation of the Ca ion release, pH and surface apatite formation of a prototype tricalcium silicate cement. <i>International Endodontic Journal</i> , 2017, 50, e73-e82.	5.0	44
24	Enhanced expression of activation-associated molecules on macrophages of heterogeneous populations in expanding periapical lesions in rat molars. <i>Archives of Oral Biology</i> , 1999, 44, 67-79.	1.8	42
25	Defense responses of dentin/pulp complex to experimentally induced caries in rat molars: An immunohistochemical study on kinetics of pulpal Ia antigen-expressing cells and macrophages. <i>Journal of Endodontics</i> , 1997, 23, 115-120.	3.1	41
26	Dynamic Torque and Vertical Force Analysis during Nickel-titanium Rotary Root Canal Preparation with Different Modes of Reciprocal Rotation. <i>Journal of Endodontics</i> , 2017, 43, 1706-1710.	3.1	41
27	Evaluation of a New Fluoride-releasing One-step Adhesive. <i>Dental Materials Journal</i> , 2006, 25, 509-515.	1.8	40
28	Structural and Functional Association between Substance P- and Calcitonin Gene-related Peptide-immunoreactive Nerves and Accessory Cells in the Rat Dental Pulp. <i>Journal of Dental Research</i> , 1997, 76, 1818-1824.	5.2	39
29	Distribution of Ia antigen-expressing nonlymphoid cells in various stages of induced periapical lesions in rat molars. <i>Journal of Endodontics</i> , 1994, 20, 27-31.	3.1	38
30	Responses of macrophage-associated antigen-expressing cells in the dental pulp of rat molars to experimental tooth replantation. <i>Archives of Oral Biology</i> , 1998, 43, 701-710.	1.8	38
31	Anti-inflammatory roles of microRNA 21 in lipopolysaccharide-stimulated human dental pulp cells. <i>Journal of Cellular Physiology</i> , 2019, 234, 21331-21341.	4.1	38
32	Residual Structure of <i>Streptococcus mutans</i> Biofilm following Complete Disinfection Favors Secondary Bacterial Adhesion and Biofilm Re-Development. <i>PLoS ONE</i> , 2015, 10, e0116647.	2.5	38
33	Perivascular dendritic cells of the human dental pulp. <i>Acta Physiologica Scandinavica</i> , 1997, 159, 163-169.	2.2	36
34	Association of TIMP-2 with extracellular matrix exposed to mechanical stress and its co-distribution with periostin during mouse mandible development. <i>Cell and Tissue Research</i> , 2007, 330, 133-145.	2.9	31
35	Modified Usage of the Masserann Kit for Removing Intracanal Broken Instruments. <i>Journal of Endodontics</i> , 2003, 29, 466-467.	3.1	30
36	GaAlAs Laser Irradiation Induces Active Tertiary Dentin Formation after Pulpal Apoptosis and Cell Proliferation in Rat Molars. <i>Journal of Endodontics</i> , 2011, 37, 1086-1091.	3.1	30

#	ARTICLE	IF	CITATIONS
37	Properties of Dental Pulpâ€‘derived Mesenchymal Stem Cells and the Effects of Culture Conditions. <i>Journal of Endodontics</i> , 2017, 43, S31-S34.	3.1	29
38	Efficiency of Dual-Cured Resin Cement Polymerization Induced by High-Intensity LED Curing Units Through Ceramic Material. <i>Operative Dentistry</i> , 2015, 40, 153-162.	1.2	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. <i>Journal of Endodontics</i> , 2017, 43, 1337-1342.	3.1	27
40	Effect of overglazed and polished surface finishes on the compressive fracture strength of machinable ceramic materials. <i>Dental Materials Journal</i> , 2010, 29, 661-667.	1.8	26
41	Bioactivity and biomineralization ability of calcium silicateâ€‘based pulpâ€‘capping materials after subcutaneous implantation. <i>International Endodontic Journal</i> , 2017, 50, e40-e51.	5.0	26
42	Implantation of Endothelial Cells with Mesenchymal Stem Cells Accelerates Dental Pulp Tissue Regeneration/Healing in Pulpotomized Rat Molars. <i>Journal of Endodontics</i> , 2017, 43, 943-948.	3.1	25
43	EDTA Treatment for Sodium Hypochloriteâ€‘treated Dentin Recovers Disturbed Attachment and Induces Differentiation of Mouse Dental Papilla Cells. <i>Journal of Endodontics</i> , 2018, 44, 256-262.	3.1	25
44	A review of the literature on the efficacy of mineral trioxide aggregate in conservative dentistry. <i>Dental Materials Journal</i> , 2019, 38, 693-700.	1.8	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. <i>Odontology / the Society of the Nippon Dental University</i> , 2020, 108, 188-193.	1.9	25
46	Immunohistochemical analysis of two stem cell markers of Î±-smooth muscle actin and STRO-1 during wound healing of human dental pulp. <i>Histochemistry and Cell Biology</i> , 2012, 138, 583-592.	1.7	24
47	Cyclic Fatigue Resistance of Rotary and Reciprocating Nickel-Titanium Instruments Subjected to Static and Dynamic Tests. <i>Journal of Endodontics</i> , 2020, 46, 1752-1757.	3.1	24
48	Age-related changes in the immunoreactivity of the monocyte/macrophage system in rat molar pulp. <i>Archives of Oral Biology</i> , 1996, 41, 453-460.	1.8	23
49	Ultrastructural Analysis of MHC Class II Molecule-Expressing Cells in Experimentally Induced Periapical Lesions in the Rat. <i>Journal of Endodontics</i> , 2001, 27, 337-342.	3.1	23
50	Immunocompetent cells in the pulp of human deciduous teeth. <i>Archives of Oral Biology</i> , 2004, 49, 29-36.	1.8	23
51	Initial Transient Accumulation of M2 Macrophageâ€‘associated Molecule-expressing Cells after Pulpotomy with Mineral Trioxide Aggregate in Rat Molars. <i>Journal of Endodontics</i> , 2014, 40, 1983-1988.	3.1	23
52	M2 Macrophages Participate in the Biological Tissue Healing Reaction to Mineral Trioxide Aggregate. <i>Journal of Endodontics</i> , 2014, 40, 379-383.	3.1	23
53	Macrophage populations show an M1â€‘toâ€‘M2 transition in an experimental model of coronal pulp tissue engineering with mesenchymal stem cells. <i>International Endodontic Journal</i> , 2019, 52, 504-514.	5.0	23
54	Enamel Micro-cracks Produced around Restorations with Flowable Composites. <i>Dental Materials Journal</i> , 2005, 24, 83-91.	1.8	22

#	ARTICLE	IF	CITATIONS
55	Clinical management of dens invaginatus in a maxillary lateral incisor with the aid of cone-beam computed tomography - a case report. <i>Dental Traumatology</i> , 2011, 27, 478-483.	2.0	22
56	Penetration kinetics of four mouthrinses into <i>Streptococcus mutans</i> biofilms analyzed by direct time-lapse visualization. <i>Clinical Oral Investigations</i> , 2014, 18, 625-634.	3.0	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. <i>Scientific Reports</i> , 2018, 8, 9224.	3.3	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. <i>Journal of Endodontics</i> , 2019, 45, 68-72.e1.	3.1	22
59	Effect of Optimum Torque Reverse Motion on Torque and Force Generation during Root Canal Instrumentation with Crown-down and Single-length Techniques. <i>Journal of Endodontics</i> , 2020, 46, 232-237.	3.1	22
60	Immunoelectron Microscopic Analysis of CD11c-Positive Dendritic Cells in the Periapical Region of the Periodontal Ligament of Rat Molars. <i>Journal of Endodontics</i> , 2006, 32, 1164-1167.	3.1	21
61	Immunohistochemical analysis of subcutaneous tissue reactions to methacrylate resin-based root canal sealers. <i>International Endodontic Journal</i> , 2011, 44, 669-675.	5.0	21
62	The role of N-methyl-d-aspartate receptor subunits in the rat thalamic mediodorsal nucleus during central sensitization. <i>Brain Research</i> , 2011, 1371, 16-22.	2.2	19
63	Transient receptor potential melastatin (TRPM) 8 is expressed in freshly isolated native human odontoblasts. <i>Archives of Oral Biology</i> , 2017, 75, 55-61.	1.8	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. <i>Photomedicine and Laser Surgery</i> , 2017, 35, 682-687.	2.0	19
65	Dental pulp tissue engineering of pulpotomized rat molars with bone marrow mesenchymal stem cells. <i>Odontology / the Society of the Nippon Dental University</i> , 2017, 105, 392-397.	1.9	19
66	Comparative analysis of mechanical properties of differently tapered nickeltitanium endodontic rotary instruments. <i>Dental Materials Journal</i> , 2018, 37, 667-674.	1.8	19
67	The Role of Leukotriene B4 in Neutrophil Infiltration in Experimentally-induced Inflammation of Rat Tooth Pulp. <i>Journal of Dental Research</i> , 1991, 70, 34-37.	5.2	18
68	Dental Pulp Tissue Engineering Using Mesenchymal Stem Cells: a Review with a Protocol. <i>Stem Cell Reviews and Reports</i> , 2018, 14, 668-676.	5.6	18
69	Effects of heating on the physical properties of premixed calcium silicate-based root canal sealers. <i>Journal of Oral Science</i> , 2021, 63, 65-69.	1.7	18
70	Immunohistochemical detection of prostaglandin I2 synthase in various calcified tissue-forming cells in rat. <i>Archives of Oral Biology</i> , 1993, 38, 31-36.	1.8	17
71	Removal of Resin-based Root Canal Filling Materials with K3 Rotary Instruments: Relative Efficacy for Different Combinations of Filling Materials. <i>Dental Materials Journal</i> , 2008, 27, 75-80.	1.8	17
72	Evaluation of selected mechanical properties of NiTi rotary glide path files manufactured from controlled memory wires. <i>Dental Materials Journal</i> , 2018, 37, 549-554.	1.8	16

#	ARTICLE	IF	CITATIONS
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.	1.8	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.	1.9	15
75	Expressional Alterations of Fibrillin-1 during Wound Healing of Human Dental Pulp. Journal of Endodontics, 2012, 38, 177-184.	3.1	15
76	Assessment of mechanical properties of WaveOne Gold Primary reciprocating instruments. Dental Materials Journal, 2019, 38, 490-495.	1.8	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.	1.8	14
78	Localization and density of myeloid leucocytes in the periodontal ligament of normal rat molars. Archives of Oral Biology, 2001, 46, 509-520.	1.8	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.	5.2	14
80	Expression of Angiogenic Factors in Rat Periapical Lesions. Journal of Endodontics, 2012, 38, 313-317.	3.1	14
81	In vivo fate of bone marrow mesenchymal stem cells implanted into rat pulpotomized molars. Stem Cell Research, 2019, 38, 101457.	0.7	14
82	HIF1 α inhibits LPS-mediated induction of IL-6 synthesis via SOCS3-dependent CEBP β suppression in human dental pulp cells. Biochemical and Biophysical Research Communications, 2020, 522, 308-314.	2.1	14
83	Neural Regeneration/Remodeling in Engineered Coronal Pulp Tissue in the Rat Molar. Journal of Endodontics, 2020, 46, 943-949.	3.1	14
84	Characteristics of resident dendritic cells in various regions of rat periodontal ligament. Cell and Tissue Research, 2008, 331, 413-421.	2.9	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.	3.1	13
86	Immunohistochemical and gene expression analysis of stem-cell-associated markers in rat dental pulp. Cell and Tissue Research, 2013, 351, 425-432.	2.9	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.	2.0	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.	1.8	13
89	Antigen-presenting Cells in Human Radicular Granulomas. Journal of Dental Research, 2008, 87, 553-557.	5.2	12
90	Prostaglandin Transporting Protein-mediated Prostaglandin E2 Transport in Lipopolysaccharide-inflamed Rat Dental Pulp. Journal of Endodontics, 2014, 40, 1112-1117.	3.1	12

#	ARTICLE	IF	CITATIONS
91	Temporospatial localization of dentine matrix protein 1 following direct pulp capping with calcium hydroxide in rat molars. <i>International Endodontic Journal</i> , 2015, 48, 573-581.	5.0	12
92	Effects of pulpotomy using mineral trioxide aggregate on prostaglandin transporter and receptors in rat molars. <i>Scientific Reports</i> , 2017, 7, 6870.	3.3	12
93	Cleaning and Shaping Ability of Gentlefile, HyFlex EDM, and ProTaper Next Instruments: A Combined Micro-computed Tomographic and Scanning Electron Microscopic Study. <i>Journal of Endodontics</i> , 2020, 46, 973-979.	3.1	12
94	Hypoxia-inducible factor 1 α induces osteo/odontoblast differentiation of human dental pulp stem cells via Wnt/ β -catenin transcriptional cofactor BCL9. <i>Scientific Reports</i> , 2022, 12, 682.	3.3	12
95	Gene expression analysis of immunostained endothelial cells isolated from formaldehyde-fixed paraffin embedded tumors using laser capture microdissection: A technical report. <i>Microscopy Research and Technique</i> , 2009, 72, 908-912.	2.2	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. <i>International Endodontic Journal</i> , 2021, 54, 1614-1622.	5.0	11
97	Correlation between Fibrillin-1 Degradation and mRNA Downregulation and Myofibroblast Differentiation in Cultured Human Dental Pulp Tissue. <i>Journal of Histochemistry and Cytochemistry</i> , 2015, 63, 438-448.	2.5	10
98	CaAlAs laser-induced pulp mineralization involves dentin matrix protein 1 and osteopontin expression. <i>Oral Diseases</i> , 2016, 22, 399-405.	3.0	10
99	Hypoxia-inducible factor 1 α promotes interleukin 1 β and tumour necrosis factor α expression in lipopolysaccharide-stimulated human dental pulp cells. <i>International Endodontic Journal</i> , 2020, 53, 636-646.	5.0	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. <i>Scientific Reports</i> , 2022, 12, 5176.	3.3	10
101	Heterogeneity of dendritic cells in rat apical periodontitis. <i>Cell and Tissue Research</i> , 2008, 331, 617-623.	2.9	9
102	A Novel Bioactive Endodontic Sealer Containing Surface-Reaction-Type Prereacted Glass-Ionomer Filler Induces Osteoblast Differentiation. <i>Materials</i> , 2020, 13, 4477.	2.9	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. <i>Journal of Dental Sciences</i> , 2021, 16, 654-660.	2.5	9
104	Analysis of Torque and Force Induced by Rotary Nickel-Titanium Instruments during Root Canal Preparation: A Systematic Review. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3079.	2.5	9
105	Differential cell-specific location of Cav1 and Ca ²⁺ -ATPase in terminal Schwann cells and mechanoreceptive Ruffini endings in the periodontal ligament of the rat incisor. <i>Journal of Anatomy</i> , 2009, 214, 267-274.	1.5	8
106	Gene Expression Analysis of Resident Macrophages in Lipopolysaccharide-stimulated Rat Molar Pulp. <i>Journal of Endodontics</i> , 2011, 37, 1258-1263.	3.1	8
107	Enhanced root canal-centering ability and reduced screw-in force generation of reciprocating nickel-titanium instruments with a post-machining thermal treatment. <i>Dental Materials Journal</i> , 2020, 39, 251-255.	1.8	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. <i>American Journal of Pathology</i> , 2020, 190, 2417-2426.	3.8	8

#	ARTICLE	IF	CITATIONS
109	Crosstalk between dental pulp stem cells and endothelial cells augments angiogenic factor expression. <i>Oral Diseases</i> , 2020, 26, 1275-1283.	3.0	8
110	Increased Gene Expression of Toll-like Receptors and Antigen-Presenting Cell-related Molecules in the Onset of Experimentally Induced Furcation Lesions of Endodontic Origin in Rat Molars. <i>Journal of Endodontics</i> , 2010, 36, 251-255.	3.1	7
111	Artificial Dental Pulp Exposure Injury Up-regulates Antigen-Presenting Cell-related Molecules in Rat Central Nervous System. <i>Journal of Endodontics</i> , 2010, 36, 459-464.	3.1	7
112	Inhibition of Nuclear Factor Kappa B Prevents the Development of Experimental Periapical Lesions. <i>Journal of Endodontics</i> , 2019, 45, 168-173.	3.1	7
113	Comparison of Torque, Screw-in Force, and Shaping Ability of Glide Path Instruments in Continuous Rotation and Optimum Glide Path Motion. <i>Journal of Endodontics</i> , 2021, 47, 94-99.	3.1	7
114	Response of class II molecule-expressing cells and macrophages to cavity preparation and restoration with 4-META /MMA-TBB resin. <i>International Endodontic Journal</i> , 2000, 33, 367-373.	5.0	6
115	Morphological analysis of flowable resins after long-term storage or surface polishing with a mini-brush. <i>Dental Materials Journal</i> , 2009, 28, 277-284.	1.8	6
116	Laser Capture Microdissection in Dentistry. <i>International Journal of Dentistry</i> , 2010, 2010, 1-8.	1.5	6
117	Gene Expression Analysis of Acutely Traumatized Pulp. <i>Journal of Endodontics</i> , 2010, 36, 78-82.	3.1	6
118	Impact of remnant healthy pulp and apical tissue on outcomes after simulated regenerative endodontic procedure in rat molars. <i>Scientific Reports</i> , 2020, 10, 20967.	3.3	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. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2020, 38, 431-437.	1.4	6
120	Preparation and properties of tristrontium aluminate as an alternative component of mineral trioxide aggregate (MTA) cement. <i>Dental Materials Journal</i> , 2021, 40, 184-190.	1.8	6
121	Er:YAG Laser-Activated Irrigation in Comparison with Different Irrigation Systems for Cleaning the Apical Root Canal Area Beyond Ledge. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2021, 39, 759-765.	1.4	6
122	Current and future strategies for the control of mature oral biofilms—Shift from a bacteria-targeting to a matrix-targeting approach. <i>Journal of Oral Biosciences</i> , 2012, 54, 173-179.	2.2	5
123	Gene Expression Analysis of Membrane Transport Proteins in Normal and Lipopolysaccharide-inflamed Rat Dental Pulp. <i>Journal of Endodontics</i> , 2012, 38, 648-652.	3.1	5
124	Odontoblast response to cavity preparation with Er:YAG laser in rat molars: an immunohistochemical study. <i>Odontology / the Society of the Nippon Dental University</i> , 2013, 101, 186-192.	1.9	5
125	Evaluation of Crack Formation and Propagation with Ultrasonic Root-End Preparation and Obturation Using a Digital Microscope and Optical Coherence Tomography. <i>Scanning</i> , 2019, 2019, 1-6.	1.5	5
126	Mineral trioxide aggregate suppresses pro-inflammatory cytokine expression via the calcineurin/nuclear factor of activated T cells/early growth response 2 pathway in lipopolysaccharide-stimulated macrophages. <i>International Endodontic Journal</i> , 2020, 53, 1653-1665.	5.0	5

#	ARTICLE	IF	CITATIONS
127	An Ultrastructural Analysis of the Prototype Single-step Adhesive Applied on Enamel and Dentin Surfaces. <i>Dental Materials Journal</i> , 2004, 23, 321-328.	1.8	5
128	Effect of kinematics on the torque/force generation, surface characteristics, and shaping ability of a nickel-titanium rotary glide path instrument: An <i>in vivo</i> study. <i>International Endodontic Journal</i> , 2022, .	5.0	5
129	Clinical study on root resorption of autotransplanted teeth with complete root formation. <i>Asian Journal of Oral and Maxillofacial Surgery</i> , 2011, 23, 18-24.	0.1	4
130	Up-regulation of p38 Mitogen-activated Protein Kinase during Pulp Injury-induced Glial Cell/Neuronal Interaction in the Rat Thalamus. <i>Journal of Endodontics</i> , 2013, 39, 488-492.	3.1	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. <i>Dental Materials Journal</i> , 2013, 32, 822-827.	1.8	4
132	Effect of lipopolysaccharide stimulation on stem cell-associated marker-expressing cells. <i>International Endodontic Journal</i> , 2018, 51, e107-e114.	5.0	4
133	Differences in the coronal-apical location of sinus tracts and buccal cortical bone defects between vertically root-fractured and non-root-fractured teeth based on periradicular microsurgery. <i>Journal of Oral Science</i> , 2020, 62, 327-330.	1.7	4
134	Orthodontic force application upregulated pain-associated prostaglandin-I ₂ /PGI ₂ -receptor/TRPV1 pathway-related gene expression in rat molars. <i>Odontology / the Society of the Nippon Dental University</i> , 2018, 106, 2-10.	1.9	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. <i>Infection and Immunity</i> , 2021, 89, .	2.2	3
136	Kinetic Study of Immunohistochemical Colocalization of Antigen-presenting Cells and Nerve Fibers in Rat Periapical Lesions. <i>Journal of Endodontics</i> , 2007, 33, 132-136.	3.1	2
137	A novel whole tooth- <i>in vivo</i> bone culture of rat molars: Morphological, immunohistochemical, and laser capture microdissection analysis. <i>Microscopy Research and Technique</i> , 2012, 75, 1341-1347.	2.2	2
138	Fluid Movement in the Apical Area Beyond the Ledge During Er:YAG Laser-Activated Irrigation: A Particle Image Velocimetry Analysis. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2020, 38, 438-443.	1.4	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. <i>Dental Materials Journal</i> , 2022, 41, 150-158.	1.8	2
140	Laser-Capture Microdissection for Factor VIII-Expressing Endothelial Cells in Cancer Tissues. <i>Methods in Molecular Biology</i> , 2011, 755, 395-403.	0.9	2
141	Evaluation of cleaning efficacy-related properties of root canal irrigant activation using a computer-controlled hot tip powered with a diode laser. <i>Asian Pacific Journal of Dentistry</i> , 2019, 19, 9-15.	0.1	2
142	Angiogenesis during coronal pulp regeneration using rat dental pulp cells: Neovascularization in rat molars <i>in vivo</i> and proangiogenic dental pulp cell-endothelial cell interactions <i>in vitro</i> . <i>Journal of Dental Sciences</i> , 2022, 17, 1160-1168.	2.5	2
143	Distronium Cerate as a Radiopaque Component of Hydraulic Endodontic Cement. <i>Materials</i> , 2022, 15, 284.	2.9	2
144	An Experimental Study On The Vasoconstriction Effect Of Calcium Hydroxide Using Rat Mesentery. <i>Australian Endodontic Journal</i> , 2003, 29, 116-119.	1.5	1

#	ARTICLE	IF	CITATIONS
145	Pulp inflammation induces Kv1.1 K ⁺ channel downregulation in rat thalamus. <i>Oral Diseases</i> , 2022, 28, 1674-1681.	3.0	1
146	Evaluation of the cytocompatibility of methacrylate resin-based root canal sealers with osteoblast-like cells. <i>Dental Materials Journal</i> , 2021, 40, 942-948.	1.8	1
147	Biocompatibility and pro-mineralization effect of tristrontium aluminate cement for endodontic use. <i>Journal of Dental Sciences</i> , 2022, 17, 1193-1200.	2.5	1
148	Evaluation of a new mouse model for studying dental pulpal responses to GaAlAs laser irradiation. <i>Journal of Oral Biosciences</i> , 2017, 59, 38-43.	2.2	0
149	Transmitted-light plethysmography detects changes in human pulpal blood flow elicited by innocuous tooth cooling and foot heating. <i>Archives of Oral Biology</i> , 2020, 119, 104881.	1.8	0
150	Intracanal Vaporized Bubble Kinetics and Apical Pressure During Root Canal Irrigation Activated by Er:YAG laser. <i>Journal of Japanese Society for Laser Dentistry</i> , 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. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2620.	2.5	0
153	Effect of Different Downward Loads on Canal Centering Ability, Vertical Force, and Torque Generation during Nickel-Titanium Rotary Instrumentation. <i>Materials</i> , 2022, 15, 2724.	2.9	0
154	Application of Root Canal Irrigation using Er:YAG Laser. <i>Nippon Laser Igakkaishi</i> , 2022, , .	0.0	0
155	GaAlAs Diode Laser-induced Mineralized Tissue Formation in Dentin/Pulp Complex: A Review. <i>Nippon Laser Igakkaishi</i> , 2022, , .	0.0	0