

Takashi Saito

List of Publications by Year in descending order

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70
papers

873
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686830

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citing authors

#	ARTICLE	IF	CITATIONS
1	A Promising Potential of Brown Algae <i>Sargassum polycystum</i> as Irreversible Hydrocolloid Impression Material. <i>Marine Drugs</i> , 2022, 20, 55.	2.2	4
2	An Innovative Customized Biomimetic Hydrogel for Drug Screening Application Potential: Biocompatibility and Cell Invasion Ability. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1488.	1.8	3
3	Are Physics Forceps Less Traumatic than Conventional Forceps for Tooth Extraction? A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Dentistry Journal</i> , 2022, 10, 21.	0.9	1
4	Profile of vitamin D receptor gene polymorphism TaqI in patients with periodontitis. <i>Biomedical Reports</i> , 2022, 16, 35.	0.9	1
5	Three-Dimensional Printing of a Hybrid Bioceramic and Biopolymer Porous Scaffold for Promoting Bone Regeneration Potential. <i>Materials</i> , 2022, 15, 1971.	1.3	5
6	Potential of Fluoride-Containing Zinc Oxide and Copper Oxide Nanocomposites on Dentin Bonding Ability. <i>Nanomaterials</i> , 2022, 12, 1291.	1.9	8
7	What Are the Complications, Success and Survival Rates for Autotransplanted Teeth? An Overview of Systematic Reviews and Metanalyses. <i>Healthcare (Switzerland)</i> , 2022, 10, 835.	1.0	7
8	In Vitro Evaluation of the Strength of Dentin Replacement in Complex Posterior Tooth Restoration. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 6877.	1.3	0
9	Effects of polishing with paste containing surface pre-reacted glass-ionomer fillers on enamel remineralization after orthodontic bracket debonding. <i>Microscopy Research and Technique</i> , 2021, 84, 171-179.	1.2	3
10	A Tailored Biomimetic Hydrogel as Potential Bioink to Print a Cell Scaffold for Tissue Engineering Applications: Printability and Cell Viability Evaluation. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 829.	1.3	2
11	Dentin Phosphoryn-Derived Peptide Promotes Odontoblast Differentiation In Vitro and Dentin Regeneration In Vivo. <i>Materials</i> , 2021, 14, 874.	1.3	6
12	Calcium Release from Different Toothpastes after the Incorporation of Tricalcium Phosphate and Amorphous Calcium Phosphate. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 1848.	1.3	6
13	The Potential of a Surface-Modified Titanium Implant with Tetrapeptide for Osseointegration Enhancement. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2616.	1.3	11
14	Distribution of elements in teeth and inhibition of demineralization by titanium fluoride: Effects of concentration and pH in a titanium fluoride solution. <i>Dental Materials Journal</i> , 2021, 40, 736-742.	0.8	2
15	An Innovative Bioceramic Bone Graft with Platelet-Rich Plasma for Rapid Bone Healing and Regeneration in a Rabbit Model. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5271.	1.3	4
16	Surface Properties and Biocompatibility of Anodized Titanium with a Potential Pretreatment for Biomedical Applications. <i>Metals</i> , 2021, 11, 1090.	1.0	8
17	The histone deacetylase inhibitor, entinostat (MS-275), induces the odontogenic differentiation of an odontoblast-like cell line in the absence of an osteoblast mineralization medium. <i>Odontology / the Society of the Nippon Dental University</i> , 2021, 109, 661-671.	0.9	5
18	Anodized Biomedical Stainless-Steel Mini-Implant for Rapid Recovery in a Rabbit Model. <i>Metals</i> , 2021, 11, 1575.	1.0	3

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19	Human Fresh Fibrin Membrane with Bone Morphogenetic Protein-2 (BMP-2) Induces Bone Formation in the Subcutaneous Tissues of Nude Mice. <i>Materials</i> , 2021, 14, 150.	1.3	6
20	Novel Bioactive Adhesive Monomer CMET Promotes Odontogenic Differentiation and Dentin Regeneration. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12728.	1.8	5
21	Biomimetic Ceramic Composite: Characterization, Cell Response, and In Vivo Biocompatibility. <i>Materials</i> , 2021, 14, 7374.	1.3	2
22	<p>Observation of Changes in Helicobacter pylori Antigen and Antibody Positivity According to Non-Invasive Tests Before and After Helicobacter pylori Eradication Therapy in Symptomatic Patients</p>. <i>International Journal of General Medicine</i> , 2020, Volume 13, 1093-1103.	0.8	0
23	An Innovative Bioceramic Bone Graft Substitute for Bone Defect Treatment: In Vivo Evaluation of Bone Healing. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8303.	1.3	2
24	Surface Characteristics and Cell Adhesion Behaviors of the Anodized Biomedical Stainless Steel. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 6275.	1.3	7
25	A Retrospective Clinical Audit of Bracket Failure among Patients Undergoing Orthodontic Therapy. <i>International Journal of Dentistry</i> , 2020, 2020, 1-5.	0.5	7
26	The Potential of a Tailored Biomimetic Hydrogel for In Vitro Cell Culture Applications: Characterization and Biocompatibility. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 9035.	1.3	3
27	Development of a Surface-Functionalized Titanium Implant for Promoting Osseointegration: Surface Characteristics, Hemocompatibility, and In Vivo Evaluation. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8582.	1.3	9
28	Effect of Hand and Rotary Instruments on the Fracture Resistance of Teeth: An In Vitro Study. <i>Dentistry Journal</i> , 2020, 8, 38.	0.9	5
29	Fabrication of a Promising Hierarchical Porous Surface on Titanium for Promoting Biocompatibility. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1363.	1.3	6
30	Effect of Mechanobiology of Cell Response on Titanium with Multilayered Aluminum Nitride/Tantalum Thin Film. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 645.	1.3	2
31	The Potential of a Hair Follicle Mesenchymal Stem Cell-Conditioned Medium for Wound Healing and Hair Follicle Regeneration. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2646.	1.3	9
32	Fluorine distribution from fluoride-releasing luting materials into human dentin. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2019, 456, 16-20.	0.6	1
33	Antibacterial effect of a fluoride-containing ZnO/CuO nanocomposite. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2019, 458, 184-188.	0.6	10
34	Microâ€œXRD and nanoindentation investigation of bioceramics for dental pulp therapy. <i>Medical Devices & Sensors</i> , 2019, 2, e10027.	2.7	0
35	Chemical and biological properties of new sealant-use cement materials. <i>Dental Materials</i> , 2019, 35, 673-685.	1.6	2
36	Effects of pastes containing ion-releasing particles on dentin remineralization. <i>Dental Materials Journal</i> , 2019, 38, 271-277.	0.8	9

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37	Application of Solution Plasma Surface Modification Technology to the Formation of Thin Hydroxyapatite Film on Titanium Implants. <i>Coatings</i> , 2019, 9, 3.	1.2	4
38	Laminin-1 acts as an adhesive for odontoblast-like cells and promotes their differentiation toward a hard tissue-forming phenotype. <i>Journal of Oral Science</i> , 2018, 60, 253-261.	0.7	5
39	A Novel Fragment Derived from Laminin-411 Facilitates Proliferation and Differentiation of Odontoblast-Like Cells. <i>BioMed Research International</i> , 2018, 2018, 1-10.	0.9	4
40	Elucidation on Predominant Pathways Involved in the Differentiation and Mineralization of Odontoblast-Like Cells by Selective Blockade of Mitogen-Activated Protein Kinases. <i>BioMed Research International</i> , 2018, 2018, 1-10.	0.9	6
41	The in vitro effects of CCN2 on odontoblast-like cells. <i>Archives of Oral Biology</i> , 2018, 94, 54-61.	0.8	1
42	iMatrix-511 Stimulates the Proliferation and Differentiation of MDPC-23 Cells into Odontoblastlike Phenotype. <i>Journal of Endodontics</i> , 2018, 44, 1367-1375.	1.4	6
43	Nephronectin Stimulates the Differentiation of MDPC-23 Cells into an Odontoblast-like Phenotype. <i>Journal of Endodontics</i> , 2017, 43, 263-271.	1.4	6
44	Wear characteristics and inhibition of enamel demineralization by resin-based coating materials. <i>European Journal of Oral Sciences</i> , 2017, 125, 160-167.	0.7	3
45	Effects of tooth storage media on periodontal ligament preservation. <i>Dental Traumatology</i> , 2017, 33, 383-392.	0.8	14
46	Human plasma fibronectin promotes proliferation and differentiation of odontoblast. <i>Journal of Applied Oral Science</i> , 2017, 25, 299-309.	0.7	13
47	The Role of Nephronectin on Proliferation and Differentiation in Human Dental Pulp Stem Cells. <i>Stem Cells International</i> , 2017, 2017, 1-14.	1.2	4
48	The effects of single application of pastes containing ion-releasing particles on enamel demineralization. <i>Dental Materials Journal</i> , 2017, 36, 461-468.	0.8	15
49	Dexamethasone stimulates nephronectin expression and mediates mineralization in MDPC-23 cell via Akt/mTOR signaling pathway. <i>Biology, Engineering and Medicine</i> , 2017, 2, .	0.1	2
50	Effectiveness of methods for detaching orthodontic implants likely to fracture upon rotational torque – an animal study. <i>Clinical and Experimental Dental Research</i> , 2016, 2, 51-56.	0.8	2
51	Effect of type I collagen derived from tilapia scale on odontoblast-like cells. <i>Tissue Engineering and Regenerative Medicine</i> , 2015, 12, 231-238.	1.6	9
52	Biocompatibility of Novel Type I Collagen Purified from Tilapia Fish Scale: An In Vitro Comparative Study. <i>BioMed Research International</i> , 2015, 2015, 1-8.	0.9	55
53	Radiological Evaluation of Human Dentin Autografts in Bangladesh. <i>Journal of Hard Tissue Biology</i> , 2014, 23, 363-370.	0.2	13
54	Induction of Reparative Dentin Formation on Exposed Dental Pulp by Dentin Phosphoryn/Collagen Composite. <i>BioMed Research International</i> , 2014, 2014, 1-8.	0.9	31

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55	The possibility of genistein as a new direct pulp capping agent. <i>Dental Materials Journal</i> , 2013, 32, 976-985.	0.8	9
56	A Preliminary Study of the Effect of Static Magnetic Field Acting on Rat Bone Marrow Mesenchymal Stem Cells during Osteogenic Differentiation In Vitro. <i>Journal of Hard Tissue Biology</i> , 2013, 22, 227-232.	0.2	15
57	Effects of calcium salts of acidic monomers on mineral induction of phosphoprotein immobilized to agarose beads. <i>Journal of Biomedical Materials Research - Part A</i> , 2012, 100A, 2760-2765.	2.1	16
58	The influence of the antibacterial monomer 12-methacryloyloxydodecylpyridinium bromide on the proliferation, differentiation and mineralization of odontoblast-like cells. <i>Biomaterials</i> , 2010, 31, 1518-1532.	5.7	33
59	Dentin Phosphophoryn Promotes Cellular Migration of Human Dental Pulp Cells. <i>Journal of Endodontics</i> , 2008, 34, 575-578.	1.4	18
60	Effect of Na ⁺ 2-nitrosornicotine (NNN) on murine palatal fusion in vitro. <i>Toxicology</i> , 2005, 207, 475-485.	2.0	11
61	Effect of phosphophoryn on rhBMP-2-induced bone formation. <i>Archives of Oral Biology</i> , 2004, 49, 239-243.	0.8	7
62	Acceleration Effect of Human Recombinant Bone Morphogenetic Protein-2 on Differentiation of Human Pulp Cells Into Odontoblasts. <i>Journal of Endodontics</i> , 2004, 30, 205-208.	1.4	121
63	In vitro Study of Remineralization of Dentin: Effects of Ions on Mineral Induction by Decalcified Dentin Matrix. <i>Caries Research</i> , 2003, 37, 445-449.	0.9	70
64	Role of Phosphophoryn Free in Solution in Biomineralization In Vitro. <i>Journal of Hard Tissue Biology</i> , 2003, 12, 6-10.	0.2	2
65	Concentration-Dependent Effect of Phosphate Ester on Apatite Induction In Vitro. <i>Journal of Hard Tissue Biology</i> , 2003, 12, 11-16.	0.2	0
66	In Vitro Apatite Induction by Phosphophoryn Immobilized on Modified Collagen Fibrils. <i>Journal of Bone and Mineral Research</i> , 2000, 15, 1615-1619.	3.1	62
67	Apatite Induction by Insoluble Dentin Collagen. <i>Journal of Bone and Mineral Research</i> , 1998, 13, 265-270.	3.1	61
68	BMPs induce direct bone formation in ectopic sites independent of the endochondral ossification in vivo. <i>The Anatomical Record</i> , 1993, 236, 373-380.	2.3	82
69	Evaluation of an Adhesive Containing Calcium Salt of Acidic Monomers on Inhibition of Biofilm Formation of Bacteria Related to Root Caries. <i>Key Engineering Materials</i> , 0, 853, 41-45.	0.4	8
70	Anti-Biofilm Formation of an Adhesive Containing Calcium Salts of Acidic Monomers against Oral Candida Related to Root Caries. <i>Key Engineering Materials</i> , 0, 904, 282-286.	0.4	1