Yasuhiro Yoshida

List of Publications by Year
in descending order

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Version: 2024-02-01

		257101	174990
57	4,378	24	52
papers	citations	h-index	g-index

58	58	58	2984
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antimicrobial adhesive polyurethane gel sheet with cetylpyridinium chloride-montmorillonite for facial and somato prosthesis fastening. Journal of Prosthodontic Research, 2023, 67, 180-188.	1.1	3
2	Pulpal response to mineral trioxide aggregate containing phosphorylated pullulan-based capping material. Dental Materials Journal, 2022, 41, 126-133.	0.8	5
3	Different micro/nano-scale patterns of surface materials influence osteoclastogenesis and actin structure. Nano Research, 2022, 15, 4201-4211.	5.8	8
4	Novel composite cement containing the anti-microbial compound CPC-Montmorillonite. Dental Materials, 2022, 38, 33-43.	1.6	7
5	Osteoclast formation from mouse bone marrow cells on micro/nano-scale patterned surfaces. Journal of Oral Biosciences, 2022, 64, 237-244.	0.8	1
6	Antibacterial Effect of Amino Acidâ€“Silver Complex Loaded Montmorillonite Incorporated in Dental Acrylic Resin. Materials, 2021, 14, 1442.	1.3	4
7	Development of new diacrylate monomers as substitutes for Bis-GMA and UDMA. Dental Materials, 2021, 37, e391-e398.	1.6	16
8	Histological evaluation of a novel phosphorylated pullulanâ€based pulp capping material: An in vivo study on rat molars. International Endodontic Journal, 2021, 54, 1902-1914.	2.3	10
9	Ion Capture and Release Ability of Glass Ionomer Cement Containing Nanoporous Silica Particles with Different Pore and Particle Size. Materials, 2021, 14, 5742.	1.3	2
10	Development of tissue conditioner containing cetylpyridinium chloride montmorillonite as new antimicrobial agent: Pilot study on antimicrobial activity and biocompatibility. Journal of Prosthodontic Research, 2020, 64, 436-443.	1.1	9
11	Silane-coupling effect of a silane-containing self-adhesive composite cement. Dental Materials, 2020, 36, 914-926.	1.6	26
12	Development of self-adhesive pulp-capping agents containing a novel hydrophilic and highly polymerizable acrylamide monomer. Journal of Materials Chemistry B, 2020, 8, 5320-5329.	2.9	6
13	Three-dimensional observation and analysis of remineralization in dentinal caries lesions. Scientific Reports, 2020, 10, 4387.	1.6	17
14	Injectable phosphopullulan-functionalized calcium-silicate cement for pulp-tissue engineering: An in-vivo and ex-vivo study. Dental Materials, 2020, 36, 512-526.	1.6	17
15	Self-Assembled Monolayer Formation on a Dental Orthodontic Stainless Steel Wire Surface to Suppress Metal Ion Elution. Coatings, 2020, 10, 367.	1.2	5
16	Size- and Morphology-Controlled Preparation of Surface-Modified Water-Dispersible Fullerene Nanoparticles for Bioapplications. Journal of Nanoscience and Nanotechnology, 2020, 20, 2668-2674.	0.9	0
17	Proliferation of Saos-2 and Ca9-22 cells on grooved and pillared titanium surfaces. Bio-Medical Materials and Engineering, 2020, 30, 559-567.	0.4	2
18	Atomic level observation and structural analysis of phosphoric-acid ester interaction at dentin. Acta Biomaterialia, 2019, 97, 544-556.	4.1	29

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19	Rechargeable anti-microbial adhesive formulation containing cetylpyridinium chloride montmorillonite. Acta Biomaterialia, 2019, 100, 388-397.	4.1	31
20	Ultrastructure and bonding properties of tribochemical silica-coated zirconia. Dental Materials Journal, 2019, 38, 107-113.	0.8	24
21	Collagen-Binding Hepatocyte Growth Factor (HGF) alone or with a Gelatin- furfurylamine Hydrogel Enhances Functional Recovery in Mice after Spinal Cord Injury. Scientific Reports, 2018, 8, 917.	1.6	45
22	Chemical interaction of glycero-phosphate dimethacrylate (GPDM) with hydroxyapatite and dentin. Dental Materials, 2018, 34, 1072-1081.	1.6	50
23	Effect of different remaining dentin thickness and long term water storage on dentin bond strength. Dental Materials Journal, 2018, 37, 562-567.	0.8	8
24	Chemical modification to suppress metal ions elution of dental orthodontic wire surface. Molecular Crystals and Liquid Crystals, 2018, 660, 163-172.	0.4	0
25	Dental Resin. , 2018, , 179-193.		0
26	Electric Charge Dependence of Controlled Dye-Release Behavior in Glass Ionomer Cement Containing Nano-Porous Silica Particles. Journal of Nanoscience and Nanotechnology, 2018, 18, 75-79.	0.9	4
27	Preparation of micro/nanopatterned gelatins crosslinked with genipin for biocompatible dental implants. Beilstein Journal of Nanotechnology, 2018, 9, 1735-1754.	1.5	20
28	Differences in interleukin-1Î² release-inducing activity of Candida albicans toward dendritic cells and macrophages. Archives of Oral Biology, 2018, 93, 115-125.	0.8	3
29	Sandblasting may damage the surface of composite CADâ€“CAM blocks. Dental Materials, 2017, 33, e124-e135.	1.6	93
30	Bacterial adhesion not inhibited by ion-releasing bioactive glass filler. Dental Materials, 2017, 33, 723-734.	1.6	41
31	Chemical interaction mechanism of 10-MDP with zirconia. Scientific Reports, 2017, 7, 45563.	1.6	144
32	Density Functional Theory (DFT) Study on the Ternary Interaction System of the Fluorinated Ethylene Carbonate, Li+ and Graphene Model. Atoms, 2016, 4, 4.	0.7	6
33	Interference of functional monomers with polymerization efficiency of adhesives. European Journal of Oral Sciences, 2016, 124, 204-209.	0.7	33
34	Effectiveness and stability of silane coupling agent incorporated in â€˜universalâ€™ adhesives. Dental Materials, 2016, 32, 1218-1225.	1.6	156
35	Effect of Protein Adsorption on Alignment of Human Gingival Fibroblasts on Grooved Composite Resin. E-Journal of Surface Science and Nanotechnology, 2016, 14, 225-230.	0.1	1
36	Effect of remaining dentin thickness on microtensile bond strength of current adhesive systems. Dental Materials Journal, 2015, 34, 181-188.	0.8	16

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37	Bone engineering by phosphorylated-pullulan and Î² -TCP composite. Biomedical Materials (Bristol), 2015, 10, 065009.	1.7	22
38	Functional monomer impurity affects adhesive performance. Dental Materials, 2015, 31, 1493-1501.	1.6	83
39	Early Initiation of Endochondral Ossification of Mouse Femur Cultured in Hydrogel with Different Mechanical Stiffness. Tissue Engineering - Part C: Methods, 2015, 21, 567-575.	1.1	12
40	Mussel-inspired human gelatin nanocoating for creating biologically adhesive surfaces. International Journal of Nanomedicine, 2014, 9, 2753.	3.3	16
41	Adhesive interfacial interaction affected by different carbon-chain monomers. Dental Materials, 2013, 29, 888-897.	1.6	83
42	Chemical analyses in dental adhesive technology. Japanese Dental Science Review, 2012, 48, 141-152.	2.0	32
43	X-ray diffraction analysis of three-dimensional self-reinforcing monomer and its chemical interaction with tooth and hydroxyapatite. Dental Materials Journal, 2012, 31, 697-702.	0.8	15
44	Effects of functional monomers and photo-initiators on the degree of conversion of a dental adhesive. Acta Biomaterialia, 2012, 8, 1928-1934.	4.1	61
45	Nano-Interfacial Analysis for Tooth Bonding. Annals of Japan Prosthodontic Society, 2012, 4, 353-363.	0.0	2
46	Effect of functional monomers in all-in-one adhesive systems on formation of enamel/dentin acid-base resistant zone. Dental Materials Journal, 2011, 30, 576-582.	0.8	49
47	Nanolayering of phosphoric acid ester monomer on enamel and dentin. Acta Biomaterialia, 2011, 7, 3187-3195.	4.1	168
48	Nano-controlled molecular interaction at adhesive interfaces for hard tissue reconstruction. Acta Biomaterialia, 2010, 6, 3573-3582.	4.1	208
49	Bonding effectiveness and interfacial characterization of a HEMA/TEGDMA-free three-step etch&rinse adhesive. Journal of Dentistry, 2008, 36, 767-773.	1.7	25
50	Systematic review of the chemical composition of contemporary dental adhesives. Biomaterials, 2007, 28, 3757-3785.	5.7	1,066
51	Analysis of Chemical Interaction of 4-MET with Hydroxyapatite Using XPS. Dental Materials Journal, 2006, 25, 645-649.	0.8	63
52	Effect of surface pre-treatment on durability of resin-based cements bonded to titanium. Dental Materials, 2006, 22, 545-552.	1.6	35
53	Technique-Sensitivity of Contemporary Adhesives. Dental Materials Journal, 2005, 24, 1-13.	0.8	295
54	Effect of cavity configuration and aging on the bonding effectiveness of six adhesives to dentin. Dental Materials, 2005, 21, 110-124.	1.6	162

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55	Buonocore memorial lecture. Adhesion to enamel and dentin: current status and future challenges. Operative Dentistry, 2003, 28, 215-35.	0.6	1,023
56	Microtensile bond strengths of one- and two-step self-etch adhesives to bur-cut enamel and dentin. American Journal of Dentistry, 2003, 16, 414-20.	0.1	112
57	Phosphorylated Pullulan Bioadhesive for Regeneration and Reconstruction of Bone and Tooth. Key Engineering Materials, 0, 529-530, 516-521.	0.4	4