

# Yasuhiro Yoshida

## List of Publications by Year in descending order

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Version: 2024-02-01

57  
papers

4,378  
citations

257101

24  
h-index

174990

52  
g-index

58  
all docs

58  
docs citations

58  
times ranked

2984  
citing authors

#	ARTICLE	IF	CITATIONS
1	Systematic review of the chemical composition of contemporary dental adhesives. <i>Biomaterials</i> , 2007, 28, 3757-3785.	5.7	1,066
2	Buonocore memorial lecture. Adhesion to enamel and dentin: current status and future challenges. <i>Operative Dentistry</i> , 2003, 28, 215-35.	0.6	1,023
3	Technique-Sensitivity of Contemporary Adhesives. <i>Dental Materials Journal</i> , 2005, 24, 1-13.	0.8	295
4	Nano-controlled molecular interaction at adhesive interfaces for hard tissue reconstruction. <i>Acta Biomaterialia</i> , 2010, 6, 3573-3582.	4.1	208
5	Nanolayering of phosphoric acid ester monomer on enamel and dentin. <i>Acta Biomaterialia</i> , 2011, 7, 3187-3195.	4.1	168
6	Effect of cavity configuration and aging on the bonding effectiveness of six adhesives to dentin. <i>Dental Materials</i> , 2005, 21, 110-124.	1.6	162
7	Effectiveness and stability of silane coupling agent incorporated in "universal"™ adhesives. <i>Dental Materials</i> , 2016, 32, 1218-1225.	1.6	156
8	Chemical interaction mechanism of 10-MDP with zirconia. <i>Scientific Reports</i> , 2017, 7, 45563.	1.6	144
9	Microtensile bond strengths of one- and two-step self-etch adhesives to bur-cut enamel and dentin. <i>American Journal of Dentistry</i> , 2003, 16, 414-20.	0.1	112
10	Sandblasting may damage the surface of composite CAD/CAM blocks. <i>Dental Materials</i> , 2017, 33, e124-e135.	1.6	93
11	Adhesive interfacial interaction affected by different carbon-chain monomers. <i>Dental Materials</i> , 2013, 29, 888-897.	1.6	83
12	Functional monomer impurity affects adhesive performance. <i>Dental Materials</i> , 2015, 31, 1493-1501.	1.6	83
13	Analysis of Chemical Interaction of 4-MET with Hydroxyapatite Using XPS. <i>Dental Materials Journal</i> , 2006, 25, 645-649.	0.8	63
14	Effects of functional monomers and photo-initiators on the degree of conversion of a dental adhesive. <i>Acta Biomaterialia</i> , 2012, 8, 1928-1934.	4.1	61
15	Chemical interaction of glycerophosphate dimethacrylate (GPDM) with hydroxyapatite and dentin. <i>Dental Materials</i> , 2018, 34, 1072-1081.	1.6	50
16	Effect of functional monomers in all-in-one adhesive systems on formation of enamel/dentin acid-base resistant zone. <i>Dental Materials Journal</i> , 2011, 30, 576-582.	0.8	49
17	Collagen-Binding Hepatocyte Growth Factor (HGF) alone or with a Gelatin-furfurylamine Hydrogel Enhances Functional Recovery in Mice after Spinal Cord Injury. <i>Scientific Reports</i> , 2018, 8, 917.	1.6	45
18	Bacterial adhesion not inhibited by ion-releasing bioactive glass filler. <i>Dental Materials</i> , 2017, 33, 723-734.	1.6	41

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19	Effect of surface pre-treatment on durability of resin-based cements bonded to titanium. <i>Dental Materials</i> , 2006, 22, 545-552.	1.6	35
20	Interference of functional monomers with polymerization efficiency of adhesives. <i>European Journal of Oral Sciences</i> , 2016, 124, 204-209.	0.7	33
21	Chemical analyses in dental adhesive technology. <i>Japanese Dental Science Review</i> , 2012, 48, 141-152.	2.0	32
22	Rechargeable anti-microbial adhesive formulation containing cetylpyridinium chloride montmorillonite. <i>Acta Biomaterialia</i> , 2019, 100, 388-397.	4.1	31
23	Atomic level observation and structural analysis of phosphoric-acid ester interaction at dentin. <i>Acta Biomaterialia</i> , 2019, 97, 544-556.	4.1	29
24	Silane-coupling effect of a silane-containing self-adhesive composite cement. <i>Dental Materials</i> , 2020, 36, 914-926.	1.6	26
25	Bonding effectiveness and interfacial characterization of a HEMA/TEGDMA-free three-step etch&rinse adhesive. <i>Journal of Dentistry</i> , 2008, 36, 767-773.	1.7	25
26	Ultrastructure and bonding properties of tribochemical silica-coated zirconia. <i>Dental Materials Journal</i> , 2019, 38, 107-113.	0.8	24
27	Bone engineering by phosphorylated-pullulan and $\beta$ -TCP composite. <i>Biomedical Materials (Bristol)</i> , 2015, 10, 065009.	1.7	22
28	Preparation of micro/nanopatterned gelatins crosslinked with genipin for biocompatible dental implants. <i>Beilstein Journal of Nanotechnology</i> , 2018, 9, 1735-1754.	1.5	20
29	Three-dimensional observation and analysis of remineralization in dentinal caries lesions. <i>Scientific Reports</i> , 2020, 10, 4387.	1.6	17
30	Injectable phosphopullulan-functionalized calcium-silicate cement for pulp-tissue engineering: An in-vivo and ex-vivo study. <i>Dental Materials</i> , 2020, 36, 512-526.	1.6	17
31	Mussel-inspired human gelatin nanocoating for creating biologically adhesive surfaces. <i>International Journal of Nanomedicine</i> , 2014, 9, 2753.	3.3	16
32	Effect of remaining dentin thickness on microtensile bond strength of current adhesive systems. <i>Dental Materials Journal</i> , 2015, 34, 181-188.	0.8	16
33	Development of new diacrylate monomers as substitutes for Bis-GMA and UDMA. <i>Dental Materials</i> , 2021, 37, e391-e398.	1.6	16
34	X-ray diffraction analysis of three-dimensional self-reinforcing monomer and its chemical interaction with tooth and hydroxyapatite. <i>Dental Materials Journal</i> , 2012, 31, 697-702.	0.8	15
35	Early Initiation of Endochondral Ossification of Mouse Femur Cultured in Hydrogel with Different Mechanical Stiffness. <i>Tissue Engineering - Part C: Methods</i> , 2015, 21, 567-575.	1.1	12
36	Histological evaluation of a novel phosphorylated pullulan-based pulp capping material: An in vivo study on rat molars. <i>International Endodontic Journal</i> , 2021, 54, 1902-1914.	2.3	10

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37	Development of tissue conditioner containing cetylpyridinium chloride montmorillonite as new antimicrobial agent: Pilot study on antimicrobial activity and biocompatibility. <i>Journal of Prosthodontic Research</i> , 2020, 64, 436-443.	1.1	9
38	Effect of different remaining dentin thickness and long term water storage on dentin bond strength. <i>Dental Materials Journal</i> , 2018, 37, 562-567.	0.8	8
39	Different micro/nano-scale patterns of surface materials influence osteoclastogenesis and actin structure. <i>Nano Research</i> , 2022, 15, 4201-4211.	5.8	8
40	Novel composite cement containing the anti-microbial compound CPC-Montmorillonite. <i>Dental Materials</i> , 2022, 38, 33-43.	1.6	7
41	Density Functional Theory (DFT) Study on the Ternary Interaction System of the Fluorinated Ethylene Carbonate, Li+ and Graphene Model. <i>Atoms</i> , 2016, 4, 4.	0.7	6
42	Development of self-adhesive pulp-capping agents containing a novel hydrophilic and highly polymerizable acrylamide monomer. <i>Journal of Materials Chemistry B</i> , 2020, 8, 5320-5329.	2.9	6
43	Self-Assembled Monolayer Formation on a Dental Orthodontic Stainless Steel Wire Surface to Suppress Metal Ion Elution. <i>Coatings</i> , 2020, 10, 367.	1.2	5
44	Pulpal response to mineral trioxide aggregate containing phosphorylated pullulan-based capping material. <i>Dental Materials Journal</i> , 2022, 41, 126-133.	0.8	5
45	Phosphorylated Pullulan Bioadhesive for Regeneration and Reconstruction of Bone and Tooth. <i>Key Engineering Materials</i> , 0, 529-530, 516-521.	0.4	4
46	Electric Charge Dependence of Controlled Dye-Release Behavior in Glass Ionomer Cement Containing Nano-Porous Silica Particles. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 75-79.	0.9	4
47	Antibacterial Effect of Amino Acid-Silver Complex Loaded Montmorillonite Incorporated in Dental Acrylic Resin. <i>Materials</i> , 2021, 14, 1442.	1.3	4
48	Differences in interleukin-1 $\beta$ release-inducing activity of <i>Candida albicans</i> toward dendritic cells and macrophages. <i>Archives of Oral Biology</i> , 2018, 93, 115-125.	0.8	3
49	Antimicrobial adhesive polyurethane gel sheet with cetylpyridinium chloride-montmorillonite for facial and somato prosthesis fastening. <i>Journal of Prosthodontic Research</i> , 2023, 67, 180-188.	1.1	3
50	Ion Capture and Release Ability of Glass Ionomer Cement Containing Nanoporous Silica Particles with Different Pore and Particle Size. <i>Materials</i> , 2021, 14, 5742.	1.3	2
51	Nano-Interfacial Analysis for Tooth Bonding. <i>Annals of Japan Prosthodontic Society</i> , 2012, 4, 353-363.	0.0	2
52	Proliferation of Saos-2 and Ca9-22 cells on grooved and pillared titanium surfaces. <i>Bio-Medical Materials and Engineering</i> , 2020, 30, 559-567.	0.4	2
53	Effect of Protein Adsorption on Alignment of Human Gingival Fibroblasts on Grooved Composite Resin. <i>E-Journal of Surface Science and Nanotechnology</i> , 2016, 14, 225-230.	0.1	1
54	Osteoclast formation from mouse bone marrow cells on micro/nano-scale patterned surfaces. <i>Journal of Oral Biosciences</i> , 2022, 64, 237-244.	0.8	1

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55	Chemical modification to suppress metal ions elution of dental orthodontic wire surface. <i>Molecular Crystals and Liquid Crystals</i> , 2018, 660, 163-172.	0.4	0
56	<i>Dental Resin.</i> , 2018, , 179-193.		0
57	Size- and Morphology-Controlled Preparation of Surface-Modified Water-Dispersible Fullerene Nanoparticles for Bioapplications. <i>Journal of Nanoscience and Nanotechnology</i> , 2020, 20, 2668-2674.	0.9	0