

# Masanao Inokoshi

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

2,314  
citations

279798

23  
h-index

233421

45  
g-index

47  
all docs

47  
docs citations

47  
times ranked

1651  
citing authors

#	ARTICLE	IF	CITATIONS
1	Strength, toughness and aging stability of highly-translucent Y-TZP ceramics for dental restorations. <i>Dental Materials</i> , 2016, 32, e327-e337.	3.5	260
2	Meta-analysis of Bonding Effectiveness to Zirconia Ceramics. <i>Journal of Dental Research</i> , 2014, 93, 329-334.	5.2	244
3	Trial of a CAD/CAM system for fabricating complete dentures. <i>Dental Materials Journal</i> , 2011, 30, 93-96.	1.8	150
4	Evaluation of a complete denture trial method applying rapid prototyping. <i>Dental Materials Journal</i> , 2012, 31, 40-46.	1.8	134
5	Influence of sintering conditions on low-temperature degradation of dental zirconia. <i>Dental Materials</i> , 2014, 30, 669-678.	3.5	123
6	Aging resistance of surface-treated dental zirconia. <i>Dental Materials</i> , 2015, 31, 182-194.	3.5	119
7	Highly-translucent, strong and aging-resistant 3Y-TZP ceramics for dental restoration by grain boundary segregation. <i>Acta Biomaterialia</i> , 2015, 16, 215-222.	8.3	117
8	Crystallographic and morphological analysis of sandblasted highly translucent dental zirconia. <i>Dental Materials</i> , 2018, 34, 508-518.	3.5	112
9	Durable bonding to mechanically and/or chemically pre-treated dental zirconia. <i>Journal of Dentistry</i> , 2013, 41, 170-179.	4.1	110
10	3Y-TZP ceramics with improved hydrothermal degradation resistance and fracture toughness. <i>Journal of the European Ceramic Society</i> , 2014, 34, 2453-2463.	5.7	98
11	Effect of cation dopant radius on the hydrothermal stability of tetragonal zirconia: Grain boundary segregation and oxygen vacancy annihilation. <i>Acta Materialia</i> , 2016, 106, 48-58.	7.9	85
12	Critical influence of alumina content on the low temperature degradation of 2â€³3mol% yttria-stabilized TZP for dental restorations. <i>Journal of the European Ceramic Society</i> , 2015, 35, 741-750.	5.7	84
13	Bonding of composite cements to zirconia: A systematic review and meta-analysis of in vitro studies. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018, 80, 258-268.	3.1	80
14	Bonding effectiveness to different chemically pre-treated dental zirconia. <i>Clinical Oral Investigations</i> , 2014, 18, 1803-1812.	3.0	58
15	Lifetime estimation of zirconia ceramics by linear ageing kinetics. <i>Acta Materialia</i> , 2015, 92, 290-298.	7.9	45
16	Additively Manufactured Zirconia for Dental Applications. <i>Materials</i> , 2021, 14, 3694.	2.9	45
17	Residual compressive surface stress increases the bending strength of dental zirconia. <i>Dental Materials</i> , 2017, 33, e147-e154.	3.5	44
18	Effects of alumina-blasting pressure on the bonding to super/ultra-translucent zirconia. <i>Dental Materials</i> , 2019, 35, 730-739.	3.5	41

#	ARTICLE	IF	CITATIONS
19	Impact of sandblasting on the flexural strength of highly translucent zirconia. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 115, 104268.	3.1	39
20	Face simulation system for complete dentures by applying rapid prototyping. Journal of Prosthetic Dentistry, 2013, 109, 353-360.	2.8	35
21	Influence of high-speed sintering protocols on translucency, mechanical properties, microstructure, crystallography, and low-temperature degradation of highly translucent zirconia. Dental Materials, 2022, 38, 451-468.	3.5	28
22	Mechanical propertiesâ€“translucencyâ€“microstructure relationships in commercial monolayer and multilayer monolithic zirconia ceramics. Dental Materials, 2022, 38, 797-810.	3.5	27
23	Bonding Effectiveness to Differently Sandblasted Dental Zirconia. Journal of Adhesive Dentistry, 2015, 17, 235-42.	0.5	25
24	Structural and Chemical Analysis of the Zirconiaâ€“Veneering Ceramic Interface. Journal of Dental Research, 2016, 95, 102-109.	5.2	24
25	Effects of the ratio of silane to 10-methacryloyloxydecyl dihydrogenphosphate (MDP) in primer on bonding performance of silica-based and zirconia ceramics. Journal of the Mechanical Behavior of Biomedical Materials, 2020, 112, 104026.	3.1	24
26	Postoperative bleeding after dental extraction among elderly patients under anticoagulant therapy. Clinical Oral Investigations, 2021, 25, 2363-2371.	3.0	18
27	Influence of sintering conditions on translucency, biaxial flexural strength, microstructure, and low-temperature degradation of highly translucent dental zirconia. Dental Materials Journal, 2021, 40, 1320-1328.	1.8	18
28	Influence of Light Irradiation Through Zirconia on the Degree of Conversion of Composite Cements. Journal of Adhesive Dentistry, 2016, 18, 161-71.	0.5	17
29	Effect of Airâ€“Particle Abrasion Protocol and Primer on The Topography and Bond Strength of a Highâ€“Translucent Zirconia Ceramic. Journal of Prosthodontics, 2022, 31, 228-238.	3.7	15
30	Initial curing characteristics of composite cements under ceramic restorations. Journal of Prosthodontic Research, 2021, 65, 39-45.	2.8	13
31	Bonding Efficacy of 4-META/MMA-TBB Resin to Surface-treated Highly Translucent Dental Zirconia. Journal of Adhesive Dentistry, 2018, 20, 453-459.	0.5	12
32	Cardiovascular Comparison of 2 Types of Local Anesthesia With Vasoconstrictor in Older Adults: A Crossover Study. Anesthesia Progress, 2019, 66, 133-140.	0.5	10
33	Adhesively luted zirconia restorations: why and how?. Journal of Adhesive Dentistry, 2014, 16, 294.	0.5	10
34	Hydrophilic nano-silica coating agents with platinum and diamond nanoparticles for denture base materials. Dental Materials Journal, 2017, 36, 333-339.	1.8	8
35	Basic properties of novel S-PRG filler-containing cement. Dental Materials Journal, 2020, 39, 963-969.	1.8	7
36	Novel antimicrobial denture adhesive containing S-PRG filler. Dental Materials Journal, 2021, 40, 1365-1372.	1.8	6

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37	Tissue Conditioner Incorporating a Nano-Sized Surface Pre-Reacted Glass-Ionomer (S-PRG) Filler. <i>Materials</i> , 2021, 14, 6648.	2.9	6
38	Polymerization efficiency affects interfacial fracture toughness of adhesives. <i>Dental Materials</i> , 2018, 34, 684-692.	3.5	5
39	Effect of post-polymerization with autoclaving treatment on monomer elution and mechanical properties of 3D-printing acrylic resin for splint fabrication. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022, 126, 105015.	3.1	4
40	Development of 4-META/MMA-TBB resin with added benzalkonium chloride or cetylpyridinium chloride as antimicrobial restorative materials for root caries. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 124, 104838.	3.1	3
41	The effect of carboxyl-based monomers on resin bonding to highly translucent zirconia ceramics. <i>Dental Materials Journal</i> , 2020, 39, 956-962.	1.8	3
42	Impact of direct restorative dental materials on surface root caries treatment. Evidence based and current materials development: A systematic review. <i>Japanese Dental Science Review</i> , 2022, 58, 13-30.	5.1	3
43	Comparison of cardiovascular response between patients on warfarin and hypertensive patients not on warfarin during dental extraction. <i>Clinical Oral Investigations</i> , 2021, 25, 2141-2150.	3.0	2
44	Preliminary Study on the Optimization of Femtosecond Laser Treatment on the Surface Morphology of Lithium Disilicate Glass-Ceramics and Highly Translucent Zirconia Ceramics. <i>Materials</i> , 2022, 15, 3614.	2.9	2
45	Stress distribution analysis of oral mucosa under soft denture liners using smoothed particle hydrodynamics method. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 117, 104390.	3.1	1
46	Influence of Alumina Addition on Low Temperature Degradation of Y <sub>2</sub> O <sub>3</sub> -Coated Powder Based Y-TZP Ceramics. <i>Advances in Science and Technology</i> , 0, , .	0.2	0
47	Latest evidence of dental zirconia ceramics from material science. <i>Annals of Japan Prosthodontic Society</i> , 2022, 14, 124-130.	0.0	0