

Masanao Inokoshi

List of Publications by Year in descending order

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47
papers

2,314
citations

279798

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233421

45
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47
docs citations

47
times ranked

1651
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Airâ€Particle Abrasion Protocol and Primer on The Topography and Bond Strength of a Highâ€Translucent Zirconia Ceramic. <i>Journal of Prosthodontics</i> , 2022, 31, 228-238.	3.7	15
2	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
3	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
4	Influence of high-speed sintering protocols on translucency, mechanical properties, microstructure, crystallography, and low-temperature degradation of highly translucent zirconia. <i>Dental Materials</i> , 2022, 38, 451-468.	3.5	28
5	Mechanical propertiesâ€translucencyâ€microstructure relationships in commercial monolayer and multilayer monolithic zirconia ceramics. <i>Dental Materials</i> , 2022, 38, 797-810.	3.5	27
6	Latest evidence of dental zirconia ceramics from material science. <i>Annals of Japan Prosthodontic Society</i> , 2022, 14, 124-130.	0.0	0
7	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
8	Impact of sandblasting on the flexural strength of highly translucent zirconia. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 115, 104268.	3.1	39
9	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
10	Postoperative bleeding after dental extraction among elderly patients under anticoagulant therapy. <i>Clinical Oral Investigations</i> , 2021, 25, 2363-2371.	3.0	18
11	Influence of sintering conditions on translucency, biaxial flexural strength, microstructure, and low-temperature degradation of highly translucent dental zirconia. <i>Dental Materials Journal</i> , 2021, 40, 1320-1328.	1.8	18
12	Novel antimicrobial denture adhesive containing S-PRG filler. <i>Dental Materials Journal</i> , 2021, 40, 1365-1372.	1.8	6
13	Initial curing characteristics of composite cements under ceramic restorations. <i>Journal of Prosthodontic Research</i> , 2021, 65, 39-45.	2.8	13
14	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
15	Additively Manufactured Zirconia for Dental Applications. <i>Materials</i> , 2021, 14, 3694.	2.9	45
16	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
17	Tissue Conditioner Incorporating a Nano-Sized Surface Pre-Reacted Glass-Ionomer (S-PRG) Filler. <i>Materials</i> , 2021, 14, 6648.	2.9	6
18	Effects of the ratio of silane to 10-methacryloyloxydecyl dihydrogenphosphate (MDP) in primer on bonding performance of silica-based and zirconia ceramics. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 112, 104026.	3.1	24

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19	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
20	Basic properties of novel S-PRG filler-containing cement. <i>Dental Materials Journal</i> , 2020, 39, 963-969.	1.8	7
21	Cardiovascular Comparison of 2 Types of Local Anesthesia With Vasoconstrictor in Older Adults: A Crossover Study. <i>Anesthesia Progress</i> , 2019, 66, 133-140.	0.5	10
22	Effects of alumina-blasting pressure on the bonding to super/ultra-translucent zirconia. <i>Dental Materials</i> , 2019, 35, 730-739.	3.5	41
23	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
24	Crystallographic and morphological analysis of sandblasted highly translucent dental zirconia. <i>Dental Materials</i> , 2018, 34, 508-518.	3.5	112
25	Polymerization efficiency affects interfacial fracture toughness of adhesives. <i>Dental Materials</i> , 2018, 34, 684-692.	3.5	5
26	Bonding Efficacy of 4-META/MMA-TBB Resin to Surface-treated Highly Translucent Dental Zirconia. <i>Journal of Adhesive Dentistry</i> , 2018, 20, 453-459.	0.5	12
27	Residual compressive surface stress increases the bending strength of dental zirconia. <i>Dental Materials</i> , 2017, 33, e147-e154.	3.5	44
28	Hydrophilic nano-silica coating agents with platinum and diamond nanoparticles for denture base materials. <i>Dental Materials Journal</i> , 2017, 36, 333-339.	1.8	8
29	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
30	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
31	Structural and Chemical Analysis of the Zirconia/Veneering Ceramic Interface. <i>Journal of Dental Research</i> , 2016, 95, 102-109.	5.2	24
32	Influence of Light Irradiation Through Zirconia on the Degree of Conversion of Composite Cements. <i>Journal of Adhesive Dentistry</i> , 2016, 18, 161-71.	0.5	17
33	Lifetime estimation of zirconia ceramics by linear ageing kinetics. <i>Acta Materialia</i> , 2015, 92, 290-298.	7.9	45
34	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
35	Aging resistance of surface-treated dental zirconia. <i>Dental Materials</i> , 2015, 31, 182-194.	3.5	119
36	Critical influence of alumina content on the low temperature degradation of 2-3mol% yttria-stabilized TZP for dental restorations. <i>Journal of the European Ceramic Society</i> , 2015, 35, 741-750.	5.7	84

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37	Bonding Effectiveness to Differently Sandblasted Dental Zirconia. Journal of Adhesive Dentistry, 2015, 17, 235-42.	0.5	25
38	Bonding effectiveness to different chemically pre-treated dental zirconia. Clinical Oral Investigations, 2014, 18, 1803-1812.	3.0	58
39	Meta-analysis of Bonding Effectiveness to Zirconia Ceramics. Journal of Dental Research, 2014, 93, 329-334.	5.2	244
40	3Y-TZP ceramics with improved hydrothermal degradation resistance and fracture toughness. Journal of the European Ceramic Society, 2014, 34, 2453-2463.	5.7	98
41	Influence of sintering conditions on low-temperature degradation of dental zirconia. Dental Materials, 2014, 30, 669-678.	3.5	123
42	Adhesively luted zirconia restorations: why and how?. Journal of Adhesive Dentistry, 2014, 16, 294.	0.5	10
43	Face simulation system for complete dentures by applying rapid prototyping. Journal of Prosthetic Dentistry, 2013, 109, 353-360.	2.8	35
44	Durable bonding to mechanically and/or chemically pre-treated dental zirconia. Journal of Dentistry, 2013, 41, 170-179.	4.1	110
45	Evaluation of a complete denture trial method applying rapid prototyping. Dental Materials Journal, 2012, 31, 40-46.	1.8	134
46	Trial of a CAD/CAM system for fabricating complete dentures. Dental Materials Journal, 2011, 30, 93-96.	1.8	150
47	Influence of Alumina Addition on Low Temperature Degradation of Y ₂ O ₃ -Coated Powder Based Y-TZP Ceramics. Advances in Science and Technology, 0, , .	0.2	0