

Rafael R Moraes

List of Publications by Year in descending order

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77
papers

3,422
citations

172457

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149698

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docs citations

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times ranked

2669
citing authors

#	ARTICLE	IF	CITATIONS
1	Longevity of posterior composite restorations: Not only a matter of materials. <i>Dental Materials</i> , 2012, 28, 87-101.	3.5	734
2	22-Year clinical evaluation of the performance of two posterior composites with different filler characteristics. <i>Dental Materials</i> , 2011, 27, 955-963.	3.5	257
3	Anterior composite restorations: A systematic review on long-term survival and reasons for failure. <i>Dental Materials</i> , 2015, 31, 1214-1224.	3.5	243
4	Control of polymerization shrinkage and stress in nanogel-modified monomer and composite materials. <i>Dental Materials</i> , 2011, 27, 509-519.	3.5	130
5	Cross-link density evaluation through softening tests: Effect of ethanol concentration. <i>Dental Materials</i> , 2008, 24, 199-203.	3.5	105
6	Color stability, conversion, water sorption and solubility of dental composites formulated with different photoinitiator systems. <i>Journal of Dentistry</i> , 2013, 41, e67-e72.	4.1	99
7	Do nanofill or submicron composites show improved smoothness and gloss? A systematic review of in vitro studies. <i>Dental Materials</i> , 2014, 30, e41-e78.	3.5	98
8	Impact of immediate and delayed light activation on self-polymerization of dual-cured dental resin luting agents. <i>Acta Biomaterialia</i> , 2009, 5, 2095-2100.	8.3	91
9	Are there universal restorative composites for anterior and posterior teeth?. <i>Journal of Dentistry</i> , 2013, 41, 1027-1035.	4.1	85
10	Resin-based luting agents and color stability of bonded ceramic veneers. <i>Journal of Prosthetic Dentistry</i> , 2015, 114, 272-277.	2.8	84
11	Surface/Interface Morphology and Bond Strength to Glass Ceramic Etched for Different Periods. <i>Operative Dentistry</i> , 2010, 35, 420-427.	1.2	80
12	Polymer infiltrated ceramic network structures for resistance to fatigue fracture and wear. <i>Dental Materials</i> , 2016, 32, 1352-1361.	3.5	67
13	Repair bond strength of dental composites: systematic review and meta-analysis. <i>International Journal of Adhesion and Adhesives</i> , 2016, 69, 15-26.	2.9	63
14	COVID-19 challenges to dentistry in the new pandemic epicenter: Brazil. <i>PLoS ONE</i> , 2020, 15, e0242251.	2.5	63
15	Influence of photoinitiator system and nanofiller size on the optical properties and cure efficiency of model composites. <i>Dental Materials</i> , 2014, 30, e264-e271.	3.5	51
16	A practice-based research network on the survival of ceramic inlay/onlay restorations. <i>Dental Materials</i> , 2016, 32, 687-694.	3.5	51
17	Light-activation of resin cement through ceramic: Relationship between irradiance intensity and bond strength to dentin. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2008, 85B, 160-165.	3.4	48
18	Degree of Conversion of Etch-and-Rinse and Self-etch Adhesives Light-cured Using QTH or LED. <i>Operative Dentistry</i> , 2010, 35, 649-654.	1.2	47

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19	Light- and time-dependent polymerization of dual-cured resin luting agent beneath ceramic. <i>Acta Odontologica Scandinavica</i> , 2008, 66, 257-261.	1.6	44
20	Response of composite resins to preheating and the resulting strengthening of luted feldspar ceramic. <i>Dental Materials</i> , 2019, 35, 1430-1438.	3.5	44
21	Improved polymerization efficiency of methacrylate-based cements containing an iodonium salt. <i>Dental Materials</i> , 2013, 29, 1251-1255.	3.5	42
22	Effects of ceramic thickness and curing unit on light transmission through leucite-reinforced material and polymerization of dual-cured luting agent. <i>Journal of Oral Science</i> , 2008, 50, 131-136.	1.7	40
23	Ceramic strengthening by tuning the elastic moduli of resin-based luting agents. <i>Dental Materials</i> , 2017, 33, 358-366.	3.5	38
24	Clinical performance of posterior resin composite restorations after up to 33 years. <i>Dental Materials</i> , 2022, 38, 680-688.	3.5	38
25	Viscosity and thermal kinetics of 10 preheated restorative resin composites and effect of ultrasound energy on film thickness. <i>Dental Materials</i> , 2020, 36, 1356-1364.	3.5	36
26	Calcium hydroxide, pH-neutralization and formulation of model self-adhesive resin cements. <i>Dental Materials</i> , 2013, 29, 413-418.	3.5	33
27	Comparative evaluation of dental resin composites based on micron- and submicron-sized monomodal glass filler particles. <i>Dental Materials</i> , 2013, 29, 1182-1187.	3.5	32
28	Effect of acidic monomer concentration on the dentin bond stability of self-etch adhesives. <i>International Journal of Adhesion and Adhesives</i> , 2011, 31, 571-574.	2.9	31
29	Panavia F: the role of the primer. <i>Journal of Oral Science</i> , 2009, 51, 255-259.	1.7	30
30	Is composite repair suitable for anterior restorations? A long-term practice-based clinical study. <i>Clinical Oral Investigations</i> , 2019, 23, 2795-2803.	3.0	29
31	A biofilm cariogenic challenge model for dentin demineralization and dentin bonding analysis. <i>Clinical Oral Investigations</i> , 2015, 19, 1047-1053.	3.0	28
32	Preparation and Evaluation of Dental Resin Luting Agents with Increasing Content of Bisphenol-A Ethoxylated Dimethacrylate. <i>Journal of Biomaterials Applications</i> , 2010, 24, 453-473.	2.4	27
33	Methacrylate bonding to zirconia by in situ silica nanoparticle surface deposition. <i>Dental Materials</i> , 2015, 31, 68-76.	3.5	27
34	Influence of inorganic filler content of resin luting agents and use of adhesive on the performance of bonded ceramic. <i>Journal of Prosthetic Dentistry</i> , 2019, 122, 566.e1-566.e11.	2.8	27
35	Degradation of optical and surface properties of resin-based composites with distinct nanoparticle sizes but equivalent surface area. <i>Journal of Dentistry</i> , 2017, 59, 48-53.	4.1	26
36	In-depth Polymerization of Dual-cured Resin Cement Assessed by Hardness. <i>Journal of Biomaterials Applications</i> , 2008, 23, 85-96.	2.4	25

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37	Characterization of Bis-Acryl Composite Resins for Provisional Restorations. Brazilian Dental Journal, 2017, 28, 354-361.	1.1	25
38	Effect of Diamond Bur Grit Size on Composite Repair. Journal of Adhesive Dentistry, 2015, 17, 257-63.	0.5	25
39	Influence of light-cured luting agents and associated factors on the color of ceramic laminate veneers: A systematic review of in vitro studies. Dental Materials, 2018, 34, 1610-1624.	3.5	24
40	Polymerization efficiency through translucent and opaque fiber posts and bonding to root dentin. Journal of Prosthodontic Research, 2013, 57, 20-23.	2.8	21
41	The progressive wear and abrasiveness of novel graded glass/zirconia materials relative to their dental ceramic counterparts. Dental Materials, 2019, 35, 763-771.	3.5	21
42	Mechanical reliability of air-abraded and acid-etched bonded feldspar ceramic. Dental Materials, 2016, 32, 433-441.	3.5	18
43	Curing potential and color stability of different resin-based luting materials. Dental Materials, 2020, 36, e309-e315.	3.5	18
44	Spectrophotometric analysis of clinical factors related to the color of ceramic restorations: A pilot study. Journal of Prosthetic Dentistry, 2017, 118, 611-616.	2.8	17
45	Email Vs. Instagram Recruitment Strategies For Online Survey Research. Brazilian Dental Journal, 2021, 32, 67-77.	1.1	17
46	Nanoparticle Loading Level and Properties of Experimental Hybrid Resin Luting Agents. Journal of Prosthodontics, 2012, 21, 540-545.	3.7	15
47	(Super)hydrophobic coating of orthodontic dental devices and reduction of early oral biofilm retention. Biomedical Materials (Bristol), 2015, 10, 065004.	3.3	14
48	Time-dependent effect of refrigeration on viscosity and conversion kinetics of dental adhesive resins. European Journal of Dentistry, 2010, 4, 150-5.	1.7	14
49	Relative photon absorption determination and the influence of photoinitiator system and water content on C=C conversion, water sorption/solubility of experimental self-etch adhesives. International Journal of Adhesion and Adhesives, 2015, 63, 152-157.	2.9	13
50	Water Content in Self-Etching Primers Affects Their Aggressiveness and Strength of Bonding to Ground Enamel. Journal of Adhesion, 2010, 86, 939-952.	3.0	11
51	Influence of glass particle size of resin cements on bonding to glass ceramic: SEM and bond strength evaluation. Microscopy Research and Technique, 2014, 77, 363-367.	2.2	11
52	Investigation on the use of triphenyl bismuth as radiopacifier for (di)methacrylate dental adhesives. International Journal of Adhesion and Adhesives, 2014, 48, 80-84.	2.9	10
53	Non-silicate nanoparticles for improved nanohybrid resin composites. Dental Materials, 2020, 36, 1314-1321.	3.5	10
54	Physicomechanical, optical, and antifungal properties of polymethyl methacrylate modified with metal methacrylate monomers. Journal of Prosthetic Dentistry, 2021, 125, 706.e1-706.e6.	2.8	10

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55	Charcoal-based dentifrices and powders: analyses of product labels, Instagram engagement, and altmetrics. <i>Brazilian Dental Journal</i> , 2021, 32, 80-89.	1.1	10
56	Use of scientific evidence by dentists in Brazil: Room for improving the evidence-based practice. <i>PLoS ONE</i> , 2018, 13, e0203284.	2.5	9
57	Clinical performance of resin composite restorations. <i>Current Oral Health Reports</i> , 2022, 9, 22-31.	1.6	9
58	Impact of acidic monomer type and concentration on the adhesive performance of dental zirconia primers. <i>International Journal of Adhesion and Adhesives</i> , 2012, 39, 49-53.	2.9	8
59	Hybridization morphology and dentin bond stability of self-etch primers with different ethanol/water ratios. <i>Odontology / the Society of the Nippon Dental University</i> , 2012, 100, 181-186.	1.9	8
60	Influence of silane and solvated bonding agents on the bond strength to glass-fibre posts. <i>Australian Endodontic Journal</i> , 2013, 39, 122-125.	1.5	8
61	Thermal silicatization: A new approach for bonding to zirconia ceramics. <i>International Journal of Adhesion and Adhesives</i> , 2014, 48, 164-167.	2.9	8
62	The antibacterial and physicochemical properties of a one-step dental adhesive modified with potential antimicrobial agents. <i>International Journal of Adhesion and Adhesives</i> , 2016, 71, 74-80.	2.9	8
63	A multi-country survey on the impact of COVID-19 on dental practice and dentists' feelings in Latin America. <i>BMC Health Services Research</i> , 2022, 22, 393.	2.2	8
64	Impact of curing protocol on the selected properties of a model bis-GMA/TEGDMA dental resin composite. <i>Biomedical Materials (Bristol)</i> , 2009, 4, 025014.	3.3	7
65	Cytotoxicity of contemporary resin-based dental materials in contact with dentin. <i>European Journal of Oral Sciences</i> , 2020, 128, 436-443.	1.5	7
66	Does refurbishing composites lead to short-term effects or long-lasting improvement?. <i>American Journal of Dentistry</i> , 2015, 28, 203-8.	0.1	7
67	Bonding orthodontics brackets to enamel using experimental composites with an iodonium salt. <i>European Journal of Orthodontics</i> , 2014, 36, 297-302.	2.4	6
68	Properties of particulate resin-curing agents with phosphate and carboxylic functional methacrylates as coupling agents. <i>Journal of Applied Polymer Science</i> , 2013, 127, 3467-3473.	2.6	5
69	Photoinitiator system and water effects on C=C conversion and solubility of experimental etch-and-rinse dental adhesives. <i>International Journal of Adhesion and Adhesives</i> , 2017, 72, 6-9.	2.9	5
70	Mono or polycrystalline alumina-modified hybrid ceramics. <i>Dental Materials</i> , 2016, 32, 450-460.	3.5	4
71	Functionalized pink Al ₂ O ₃ :Mn pigments applied in prosthetic dentistry. <i>Journal of Prosthetic Dentistry</i> , 2017, 118, 771-777.	2.8	4
72	Bonding effectiveness of experimental one-step self-etch adhesives to sound and caries-affected dentin. <i>International Journal of Adhesion and Adhesives</i> , 2018, 82, 233-239.	2.9	3

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73	Effect of ultrasound on preheated resin composites used as ceramic luting agents. Dental Materials Journal, 2022, 41, 451-458.	1.8	3
74	Experimental methacrylate-based primers to improve the repair bond strength of dental composites “ a preliminary study. Applied Adhesion Science, 2014, 2, .	1.5	2
75	Ceramic laminate veneers luted with preheated resin composite: A 10-year clinical report. Contemporary Clinical Dentistry, 2021, 12, 313.	0.7	2
76	Clinical Longevity of Direct Resin Composite Restorations. , 2018, , 269-288.		2
77	Polymerization Shrinkage Stress. , 2018, , 219-233.		0