Mary Anne S Melo

List of Publications by Year
in descending order

151	4,562	109321	133252
papers	citations	35 h-index	59 g-index

156	156	156	3282
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nanotechnology-based restorative materials for dental caries management. Trends in Biotechnology, 2013, 31, 459-467.	9.3	195
2	Novel dental adhesives containing nanoparticles of silver and amorphous calcium phosphate. Dental Materials, 2013, 29, 199-210.	3.5	192
3	The antimicrobial activity of photodynamic therapy against Streptococcus mutans using different photosensitizers. Journal of Photochemistry and Photobiology B: Biology, 2012, 106, 40-46.	3.8	178
4	Anti-biofilm Dentin Primer with Quaternary Ammonium and Silver Nanoparticles. Journal of Dental Research, 2012, 91, 598-604.	5.2	161
5	Effect of quaternary ammonium and silver nanoparticle-containing adhesives on dentin bond strength and dental plaque microcosm biofilms. Dental Materials, 2012, 28, 842-852.	3.5	142
6	Nanotechnology strategies for antibacterial and remineralizing composites and adhesives to tackle dental caries. Nanomedicine, 2015, 10, 627-641.	3.3	134
7	Novel calcium phosphate nanocomposite with caries-inhibition in a human in situ model. Dental Materials, 2013, 29, 231-240.	3.5	131
8	Evaluation of the antimicrobial effect of photodynamic antimicrobial therapy in an in situ model of dentine caries. European Journal of Oral Sciences, 2009, 117, 568-574.	1.5	130
9	Novel dental adhesive containing antibacterial agents and calcium phosphate nanoparticles. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2013, 101B, 620-629.	3.4	127
10	Developing a New Generation of Antimicrobial and Bioactive Dental Resins. Journal of Dental Research, 2017, 96, 855-863.	5.2	118
11	Toward dental caries: Exploring nanoparticle-based platforms and calcium phosphate compounds for dental restorative materials. Bioactive Materials, 2019, 4, 43-55.	15.6	109
12	Development of novel self-healing and antibacterial dental composite containing calcium phosphate nanoparticles. Journal of Dentistry, 2015, 43, 317-326.	4.1	100
13	Protein-repellent and antibacterial dental composite to inhibit biofilms and caries. Journal of Dentistry, 2015, 43, 225-234.	4.1	81
14	Development of a multifunctional adhesive system for prevention of root caries and secondary caries. Dental Materials, 2015, 31, 1119-1131.	3.5	77
15	In situ effects of restorative materials on dental biofilm and enamel demineralisation. Journal of Dentistry, 2009, 37, 44-51.	4.1	75
16	Novel rechargeable calcium phosphate nanocomposite with antibacterial activity to suppress biofilm acids and dental caries. Journal of Dentistry, 2018, 72, 44-52.	4.1	64
17	Photodynamic antimicrobial chemotherapy and ultraconservative caries removal linked for management of deep caries lesions. Photodiagnosis and Photodynamic Therapy, 2015, 12, 581-586.	2.6	63
18	Designing Multiagent Dental Materials for Enhanced Resistance to Biofilm Damage at the Bonded Interface. ACS Applied Materials & Interfaces, 2016, 8, 11779-11787.	8.0	59

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19	Novel antibacterial orthodontic cement containing quaternary ammonium monomer dimethylaminododecyl methacrylate. Journal of Dentistry, 2014, 42, 1193-1201.	4.1	58
20	Novel self-healing dental resin with microcapsules of polymerizable triethylene glycol dimethacrylate and N,N-dihydroxyethyl-p-toluidine. Dental Materials, 2016, 32, 294-304.	3.5	58
21	Novel dental composite with capability to suppress cariogenic species and promote non-cariogenic species in oral biofilms. Materials Science and Engineering C, 2019, 94, 587-596.	7.3	54
22	A novel protein-repellent dental composite containing 2-methacryloyloxyethyl phosphorylcholine. International Journal of Oral Science, 2015, 7, 103-109.	8.6	53
23	Novel Bioactive and Therapeutic Dental Polymeric Materials to Inhibit Periodontal Pathogens and Biofilms. International Journal of Molecular Sciences, 2019, 20, 278.	4.1	52
24	Effects of water-aging on self-healing dental composite containing microcapsules. Journal of Dentistry, 2016, 47, 86-93.	4.1	50
25	The Role of Candida albicans Secreted Polysaccharides in Augmenting Streptococcus mutans Adherence and Mixed Biofilm Formation: In vitro and in vivo Studies. Frontiers in Microbiology, 2020, 11, 307.	3.5	49
26	Effect of dimethylaminohexadecyl methacrylate mass fraction on fracture toughness and antibacterial properties of CaP nanocomposite. Journal of Dentistry, 2015, 43, 1539-1546.	4.1	42
27	How we are assessing the developing antibacterial resin-based dental materials? A scoping review. Journal of Dentistry, 2020, 99, 103369.	4.1	41
28	Comparison of methods for quantifying dental wear caused by erosion and abrasion. Microscopy Research and Technique, 2013, 76, 178-183.	2.2	40
29	Novel root canal sealer with dimethylaminohexadecyl methacrylate, nano-silver and nano-calcium phosphate to kill bacteria inside root dentin and increase dentin hardness. Dental Materials, 2019, 35, 1479-1489.	3.5	40
30	Novel protein-repellent dental adhesive containing 2-methacryloyloxyethyl phosphorylcholine. Journal of Dentistry, 2014, 42, 1284-1291.	4.1	39
31	Do Dental Resin Composites Accumulate More Oral Biofilms and Plaque than Amalgam and Glass Ionomer Materials?. Materials, 2016, 9, 888.	2.9	39
32	Orthodontic cement with protein-repellent and antibacterial properties and the release of calcium and phosphate ions. Journal of Dentistry, 2016, 50, 51-59.	4.1	39
33	Emerging Contact-Killing Antibacterial Strategies for Developing Anti-Biofilm Dental Polymeric Restorative Materials. Bioengineering, 2020, 7, 83.	3.5	39
34	Novel pit and fissure sealant containing nano-CaF2 and dimethylaminohexadecyl methacrylate with double benefits of fluoride release and antibacterial function. Dental Materials, 2020, 36, 1241-1253.	3.5	37
35	Novel CaF2 Nanocomposites with Antibacterial Function and Fluoride and Calcium Ion Release to Inhibit Oral Biofilm and Protect Teeth. Journal of Functional Biomaterials, 2020, 11, 56.	4.4	36
36	Effects of Long-Term Water-Aging on Novel Anti-Biofilm and Protein-Repellent Dental Composite. International Journal of Molecular Sciences, 2017, 18, 186.	4.1	35

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37	Tuning Nano-Amorphous Calcium Phosphate Content in Novel Rechargeable Antibacterial Dental Sealant. Materials, 2018, 11, 1544.	2.9	35
38	Concentration dependence of quaternary ammonium monomer on the design of high-performance bioactive composite for root caries restorations. Dental Materials, 2020, 36, e266-e278.	3.5	35
39	Fluoride releasing and enamel demineralization around orthodontic brackets by fluoride-releasing composite containing nanoparticles. Clinical Oral Investigations, 2014, 18, 1343-1350.	3.0	34
40	Novel bioactive nanocomposite for Class-V restorations to inhibit periodontitis-related pathogens. Dental Materials, 2016, 32, e351-e361.	3.5	34
41	A Novel Dental Sealant Containing Dimethylaminohexadecyl Methacrylate Suppresses the Cariogenic Pathogenicity of Streptococcus mutans Biofilms. International Journal of Molecular Sciences, 2019, 20, 3491.	4.1	34
42	Antibacterial response of oral microcosm biofilm to nano-zinc oxide in adhesive resin. Dental Materials, 2021, 37, e182-e193.	3.5	31
43	Antimicrobial effect of chlorhexidine digluconate in dentin: In vitro and in situ study. Journal of Conservative Dentistry, 2012, 15, 22.	0.9	31
44	Protein-repelling adhesive resin containing calcium phosphate nanoparticles with repeated ion-recharge and re-releases. Journal of Dentistry, 2018, 78, 91-99.	4.1	30
45	The burden of root caries: Updated perspectives and advances on management strategies. Gerodontology, 2021, 38, 136-153.	2.0	30
46	Multifunctional Dental Composite with Piezoelectric Nanofillers for Combined Antibacterial and Mineralization Effects. ACS Applied Materials & Interfaces, 2021, 13, 43868-43879.	8.0	30
47	Antibacterial Efficacy and Discoloration Potential of Endodontic Topical Antibiotics. Journal of Endodontics, 2018, 44, 1110-1114.	3.1	29
48	Novel bioactive root canal sealer with antibiofilm and remineralization properties. Journal of Dentistry, 2019, 83, 67-76.	4.1	29
49	pH-responsive calcium and phosphate-ion releasing antibacterial sealants on carious enamel lesions in vitro. Journal of Dentistry, 2020, 97, 103323.	4.1	29
50	Decreased Expression of Semaphorin3A/Neuropilin-1 Signaling Axis in Apical Periodontitis. BioMed Research International, 2017, 2017, 1-9.	1.9	27
51	Protein-repellent nanocomposite with rechargeable calcium and phosphate for long-term ion release. Dental Materials, 2018, 34, 1735-1747.	3.5	27
52	A nano-CaF2-containing orthodontic cement with antibacterial and remineralization capabilities to combat enamel white spot lesions. Journal of Dentistry, 2019, 89, 103172.	4.1	27
53	Novel endodontic sealer with dual strategies of dimethylaminohexadecyl methacrylate and nanoparticles of silver to inhibit root canal biofilms. Dental Materials, 2019, 35, 1117-1129.	3.5	27
54	Novel Bioactive and Therapeutic Root Canal Sealers with Antibacterial and Remineralization Properties. Materials, 2020, 13, 1096.	2.9	27

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55	Novel Dental Cement to Combat Biofilms and Reduce Acids for Orthodontic Applications to Avoid Enamel Demineralization. Materials, 2016, 9, 413.	2.9	26
56	Self-healing adhesive with antibacterial activity in water-aging for 12 months. Dental Materials, 2019, 35, 1104-1116.	3.5	26
57	Novel low-shrinkage-stress nanocomposite with remineralization and antibacterial abilities to protect marginal enamel under biofilm. Journal of Dentistry, 2020, 99, 103406.	4.1	26
58	A Modified Resin Sealer: Physical and Antibacterial Properties. Journal of Endodontics, 2018, 44, 1553-1557.	3.1	25
59	Underperforming light curing procedures trigger detrimental irradiance-dependent biofilm response on incrementally placed dental composites. Journal of Dentistry, 2019, 88, 103110.	4.1	25
60	Development of a new class of self-healing and therapeutic dental resins. Polymer Degradation and Stability, 2019, 163, 87-99.	5.8	25
61	In vitro photodynamic antimicrobial chemotherapy in dentine contaminated by cariogenic bacteria. Laser Physics, 2010, 20, 1504-1513.	1.2	24
62	The effect of diode laser irradiation on dentin as a preventive measure against dental erosion: an in vitro study. Lasers in Medical Science, 2011, 26, 615-621.	2.1	24
63	Metal Oxide Nanoparticles and Nanotubes: Ultrasmall Nanostructures to Engineer Antibacterial and Improved Dental Adhesives and Composites. Bioengineering, 2021, 8, 146.	3.5	24
64	Novel multifunctional nanocomposite for root caries restorations to inhibit periodontitis-related pathogens. Journal of Dentistry, 2019, 81, 17-26.	4.1	23
65	In vitro evaluation of composite containing DMAHDM and calcium phosphate nanoparticles on recurrent caries inhibition at bovine enamel-restoration margins. Dental Materials, 2020, 36, 1343-1355.	3.5	23
66	Multifunctional antibacterial dental sealants suppress biofilms derived from children at high risk of caries. Biomaterials Science, 2020, 8, 3472-3484.	5.4	23
67	Antibacterial and remineralizing nanocomposite inhibit root caries biofilms and protect root dentin hardness at the margins. Journal of Dentistry, 2020, 97, 103344.	4.1	23
68	Current Insights into the Modulation of Oral Bacterial Degradation of Dental Polymeric Restorative Materials. Materials, 2017, 10, 507.	2.9	22
69	Novel proteinâ€repellent and biofilmâ€repellent orthodontic cement containing 2â€methacryloyloxyethyl phosphorylcholine. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2016, 104, 949-959.	3.4	21
70	Nanomagnetic-mediated drug delivery for the treatment of dental disease. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 919-927.	3.3	21
71	Novel Crown Cement Containing Antibacterial Monomer and Calcium Phosphate Nanoparticles. Nanomaterials, 2020, 10, 2001.	4.1	21
72	Magnetic-Responsive Photosensitizer Nanoplatform for Optimized Inactivation of Dental Caries-Related Biofilms: Technology Development and Proof of Principle. ACS Nano, 2021, 15, 19888-19904.	14.6	21

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73	Active compounds and derivatives of camellia sinensis responding to erosive attacks on dentin. Brazilian Oral Research, 2018, 32, e40.	1.4	18
74	Prospects on Nano-Based Platforms for Antimicrobial Photodynamic Therapy Against Oral Biofilms. Photobiomodulation, Photomedicine, and Laser Surgery, 2020, 38, 481-496.	1.4	18
75	Novel Nano Calcium Fluoride Remineralizing and Antibacterial Dental Composites. Journal of Dentistry, 2021, 113, 103789.	4.1	18
76	Effect of chlorhexidine on the bond strength of a self-etch adhesive system to sound and demineralized dentin. Brazilian Oral Research, 2013, 27, 218-224.	1.4	17
77	Human In Situ Study of the effect of Bis(2-Methacryloyloxyethyl) Dimethylammonium Bromide Immobilized in Dental Composite on Controlling Mature Cariogenic Biofilm. International Journal of Molecular Sciences, 2018, 19, 3443.	4.1	16
78	Tooth sealing formulation with bacteriaâ€killing surface and onâ€demand ion release/recharge inhibits early childhood caries key pathogens. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2020, 108, 3217-3227.	3.4	16
79	Bifunctional Composites for Biofilms Modulation on Cervical Restorations. Journal of Dental Research, 2021, 100, 1063-1071.	5.2	16
80	Characterization of Antimicrobial Photodynamic Therapy-TreatedStreptococci mutans: An Atomic Force Microscopy Study. Photomedicine and Laser Surgery, 2013, 31, 105-109.	2.0	15
81	Photodynamic Antimicrobial Chemotherapy as a Strategy for Dental Caries: Building a More Conservative Therapy in Restorative Dentistry. Photomedicine and Laser Surgery, 2014, 32, 589-591.	2.0	15
82	Ph-activated nano-amorphous calcium phosphate-based cement to reduce dental enamel demineralization. Artificial Cells, Nanomedicine and Biotechnology, 2017, 45, 1778-1785.	2.8	15
83	Novel Nanocomposite Inhibiting Caries at the Enamel Restoration Margins in an In Vitro Saliva-Derived Biofilm Secondary Caries Model. International Journal of Molecular Sciences, 2020, 21, 6369.	4.1	15
84	Guanidine derivative inhibits C. albicans biofilm growth on denture liner without promote loss of materialsâ€™ resistance. Bioactive Materials, 2020, 5, 228-232.	15.6	15
85	Myristyltrimethylammonium Bromide (MYTAB) as a Cationic Surface Agent to Inhibit Streptococcus mutans Grown over Dental Resins: An In Vitro Study. Journal of Functional Biomaterials, 2020, 11, 9.	4.4	15
86	Factors influencing success of radiant exposure in light-curing posterior dental composite in the clinical setting. American Journal of Dentistry, 2018, 31, 320-328.	0.1	15
87	Dentin erosion by whitening mouthwash associated to toothbrushing abrasion: A focus variation 3D scanning microscopy study. Microscopy Research and Technique, 2013, 76, 904-908.	2.2	14
88	A Comparative Study of the Photosensitizer Penetration into Artificial Caries Lesions in Dentin Measured by the Confocal Raman Microscopy. Photochemistry and Photobiology, 2014, 90, 183-188.	2.5	14
89	Dental Composite Formulation Design with Bioactivity on Protein Adsorption Combined with Crack-Healing Capability. Journal of Functional Biomaterials, 2017, 8, 40.	4.4	14
90	Developing a New Generation of Therapeutic Dental Polymers to Inhibit Oral Biofilms and Protect Teeth. Materials, 2018, 11, 1747.	2.9	14

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91	Inhibition of nicotine-inducedStreptococcus mutansbiofilm formation by salts solutions intended for mouthrinses. Restorative Dentistry & Endodontics, 2019, 44, e4.	1.5	13
92	Light Energy Dose and Photosensitizer Concentration Are Determinants of Effective Photo-Killing against Caries-Related Biofilms. International Journal of Molecular Sciences, 2020, 21, 7612.	4.1	13
93	Cerium Dioxide Particles to Tune Radiopacity of Dental Adhesives: Microstructural and Physico-Chemical Evaluation. Journal of Functional Biomaterials, 2020, 11, 7.	4.4	13
94	Single gingival recession associated with nonâ€carious cervical lesion treated by partial restoration and coronally advanced flap with or without xenogenous collagen matrix: A randomized clinical trial evaluating the coverage procedures and restorative protocol. Journal of Periodontology, 2022, 93, 504-514.	3.4	13
95	Fatigue of human dentin by cyclic loading and during oral biofilm challenge. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2017, 105, 1978-1985.	3.4	12
96	Novel rechargeable nano-CaF2 orthodontic cement with high levels of long-term fluoride release. Journal of Dentistry, 2019, 90, 103214.	4.1	12
97	Effects of Diode Laser Therapy and Stannous Fluoride on Dentin Resistance Under Different Erosive Acid Attacks. Photomedicine and Laser Surgery, 2014, 32, 146-151.	2.0	11
98	Novel antibacterial and therapeutic dental polymeric composites with the capability to self-heal cracks and regain mechanical properties. European Polymer Journal, 2020, 129, 109604.	5.4	11
99	Dental Sealant Empowered by 1,3,5-Tri Acryloyl Hexahydro-1,3,5-Triazine and Î±-Tricalcium Phosphate for Anti-Caries Application. Polymers, 2020, 12, 895.	4.5	11
100	Clinical study of the cariesâ€preventive effect of resinâ€modified glass ionomer restorations: aging versus the influence of fluoride dentifrice. Journal of Investigative and Clinical Dentistry, 2016, 7, 180-186.	1.8	10
101	Novel rechargeable calcium phosphate nanoparticle-filled dental cement. Dental Materials Journal, 2019, 38, 1-10.	1.8	10
102	Exploring Needle-Like Zinc Oxide Nanostructures for Improving Dental Resin Sealers: Design and Evaluation of Antibacterial, Physical and Chemical Properties. Polymers, 2020, 12, 789.	4.5	10
103	Photodynamic Therapy for Biomodulation and Disinfection in Implant Dentistry: Is It Feasible and Effective?. Photochemistry and Photobiology, 2021, 97, 916-929.	2.5	10
104	Novel rechargeable calcium fluoride dental nanocomposites. Dental Materials, 2022, 38, 397-408.	3.5	10
105	Novel orthodontic cement containing dimethylaminohexadecyl methacrylate with strong antibacterial capability. Dental Materials Journal, 2017, 36, 669-676.	1.8	9
106	The Impact of Photosensitizer Selection on Bactericidal Efficacy Of PDT against Cariogenic Biofilms: A Systematic Review and Meta-Analysis. Photodiagnosis and Photodynamic Therapy, 2021, 33, 102046.	2.6	9
107	Guanidine hydrochloride polymer additive to undertake ultraconservative resin infiltrant against Streptococcus mutans. European Polymer Journal, 2020, 133, 109746.	5.4	9
108	In situ Assessment of Effects of the Bromide- and Fluoride-incorporating Adhesive Systems on Biofilm and Secondary Caries. Journal of Contemporary Dental Practice, 2014, 15, 142-148.	0.5	9

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109	In vitro assessment of thermal changes in human teeth during photodynamic antimicrobial chemotherapy performed with red light sources. Laser Physics, 2010, 20, 1475-1480.	1.2	8
110	Wear Behavior and Surface Quality of Dental Bioactive Ions-Releasing Resins Under Simulated Chewing Conditions. Frontiers in Oral Health, 2021, 2, 628026.	3.0	8
111	Advancing Photodynamic Therapy for Endodontic Disinfection with Nanoparticles: Present Evidence and Upcoming Approaches. Applied Sciences (Switzerland), 2021, 11, 4759.	2.5	8
112	Improper Light Curing of Bulkfill Composite Drives Surface Changes and Increases S. mutans Biofilm Growth as a Pathway for Higher Risk of Recurrent Caries around Restorations. Dentistry Journal, 2021, 9, 83.	2.3	8
113	Novel rechargeable nanostructured calcium phosphate crown cement with long-term ion release and antibacterial activity to suppress saliva microcosm biofilms. Journal of Dentistry, 2022, 122, 104140.	4.1	8
114	The Influence of Dentin Demineralization on Morphological Features of Cavities Using Er:YAG Laser. Photomedicine and Laser Surgery, 2015, 33, 22-28.	2.0	7
115	Carbohydrate-electrolyte drinks exhibit risks for human enamel surface loss. Restorative Dentistry & Endodontics, 2016, 41, 246.	1.5	7
116	Sustained Antibacterial Effect and Wear Behavior of Quaternary Ammonium Contact-Killing Dental Polymers after One-Year of Hydrolytic Degradation. Applied Sciences (Switzerland), 2021, 11, 3718.	2.5	7
117	Novel calcium phosphate ion-rechargeable and antibacterial adhesive to inhibit dental caries. Clinical Oral Investigations, 2022, 26, 313-323.	3.0	7
118	Piezoelectric energy harvester utilizing mandibular deformation to power implantable biosystems: A feasibility study. Journal of Mechanical Science and Technology, 2019, 33, 4039-4045.	1.5	6
119	Novel Protein-Repellent and Antibacterial Resins and Cements to Inhibit Lesions and Protect Teeth. International Journal of Polymer Science, 2019, 2019, 1-11.	2.7	6
120	Determining the Effects of Eugenol on the Bond Strength of Resin-Based Restorative Materials to Dentin: A Meta-Analysis of the Literature. Applied Sciences (Switzerland), 2020, 10, 1070.	2.5	6
121	Novel low-shrinkage-stress bioactive nanocomposite with anti-biofilm and remineralization capabilities to inhibit caries. Journal of Dental Sciences, 2022, 17, 811-821.	2.5	6
122	Evaluation of the effect of photodynamic antimicrobial therapy in dentin caries: a pilot in vivo study. , 2010, , .		5
123	Bacterial Interactions with Dental and Medical Materials. Journal of Functional Biomaterials, 2020, 11, 83.	4.4	5
124	Mapping Evidence on Early Childhood Caries Prevalence: Complexity of Worldwide Data Reporting. International Journal of Clinical Pediatric Dentistry, 2021, 14, 1-7.	0.8	5
125	Antibacterial Activities of Methanol and Aqueous Extracts of Salvadora persica against Streptococcus mutans Biofilms: An In Vitro Study. Dentistry Journal, 2021, 9, 143.	2.3	5
126	Pronounced Effect of Antibacterial Bioactive Dental Composite on Microcosm Biofilms Derived From Patients With Root Carious Lesions. Frontiers in Materials, 2020, 7, .	2.4	4

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127	Regenerating Craniofacial Dental Defects With Calcium Phosphate Cement Scaffolds: Current Status and Innovative Scope Review. Frontiers in Dental Medicine, 2021, 2, .	1.4	4
128	Assessment of surface roughness changes on orthodontic acrylic resin by all-in-one spray disinfectant solutions. Journal of Dental Research, Dental Clinics, Dental Prospects, 2020, 14, 77-82.	1.0	4
129	Control of Biofilm at the Tooth-Restoration Bonding Interface: A Question for Antibacterial Monomers? A Critical Review. Reviews of Adhesion and Adhesives, 2017, 5, 303-324.	3.4	4
130	In Situ Response of Nanostructured Hybrid Fluoridated Restorative Composites on Enamel Demineralization, Surface Roughness and Ion Release. European journal of prosthodontics and restorative dentistry, The, 2014, 22, 185-90.	0.4	4
131	Current Concepts and Best Evidence on Strategies to Prevent Dental Erosion. Compendium of Continuing Education in Dentistry (jamesburg, N J: 1995), 2019, 40, 80-86; quiz 87.	0.1	4
132	Editorial: The Use of Bioactive Materials in Caries Management. Frontiers in Oral Health, 2022, 3, 832285.	3.0	4
133	Nanostructured Dental Composites and Adhesives with Antibacterial and Remineralizing Capabilities for Caries Inhibition. , 2013, , 109-129.		3
134	Anti-Biofilm and Mechanically Stable Bioactive Composite for Root Caries Restorations. Dental Materials, 2019, 35, e4-e5.	3.5	3
135	Nanostructured dental composites and adhesives with antibacterial and remineralizing capabilities for caries inhibition. , 2019, , 139-161.		3
136	Handsâ€on training based on quantifying radiant exposure improves how dental students cure composites: Skill retention at 2â€year followâ€up. European Journal of Dental Education, 2021, 25, 582-591.	2.0	3
137	Physicochemical Effects of Niobic Acid Addition Into Dental Adhesives. Frontiers in Materials, 2021, 7, .	2.4	3
138	Acid Etching Concentration as a Strategy to Improve the Adhesive Performance on Er:YAG Laser and Bur-Prepared Demineralized Enamel. Photomedicine and Laser Surgery, 2014, 32, 379-385.	2.0	2
139	Investigation of Bacterial Adhesion on Nanoparticle Filler-Reinforced Dental Composites after Different One-Step Finishing Timing Using a Constant-Depth Film Fermenter. Nano Research & Applications, 2017, 03, .	0.2	2
140	Editorial: Developing Bioactive Materials for Dental Applications. Frontiers in Materials, 2021, 8, .	2.4	2
141	Incorporation of amoxicillin-loaded microspheres in mineral trioxide aggregate cement: an in vitro study. Restorative Dentistry & Endodontics, 2020, 45, e50.	1.5	2
142	Assessment of the radiant emittance of damaged/contaminated dental light-curing tips by spectrophotometric methods. Restorative Dentistry & Endodontics, 2020, 45, e55.	1.5	2
143	Perspectives on Light-Based Disinfection to Reduce the Risk of COVID-19 Transmission during Dental Care. BioMed, 2022, 2, 27-36.	1.1	2
144	Increased cariogenic biofilm formation on under-cured bulk fill composites. Dental Materials, 2019, 35, e24-e25.	3.5	1

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145	Errors in light-emitting diodes positioning when curing bulk fill and incremental composites: impact on properties after aging. Restorative Dentistry & Endodontics, 2021, 46, e51.	1.5	1
146	3D cone-beam C.T. imaging used to determine the effect of disinfection protocols on the dimensional stability of full arch impressions. Saudi Dental Journal, 2020, 33, 453-461.	1.6	1
147	Rechargeable dual function dental sealant against cariogencity of streptococcus mutans. Dental Materials, 2019, 35, e45.	3.5	0
148	Design parameter study on piezoelectric energy harvester for scavenging human mandible deformation energy (Conference Presentation). , 2018, , .		0
149	Restoring esthetics in eroded anterior teeth: a conservative multidisciplinary approach. General Dentistry, 2011, 59, 48-52.	0.4	0
150	Resin infiltrant protects deproteinized dentin against erosive and abrasive wear. Restorative Dentistry & Endodontics, 0, 47, .	1.5	0
151	Nanoparticle-based antimicrobial for dental restorative materials. , 2022, , 661-700.		0