

# Mary Anne S Melo

## List of Publications by Year in descending order

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Version: 2024-02-01

151  
papers

4,562  
citations

109321

35  
h-index

133252

59  
g-index

156  
all docs

156  
docs citations

156  
times ranked

3282  
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel calcium phosphate ion-rechargeable and antibacterial adhesive to inhibit dental caries. <i>Clinical Oral Investigations</i> , 2022, 26, 313-323.	3.0	7
2	Single gingival recession associated with non-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. <i>Journal of Periodontology</i> , 2022, 93, 504-514.	3.4	13
3	Novel low-shrinkage-stress bioactive nanocomposite with anti-biofilm and remineralization capabilities to inhibit caries. <i>Journal of Dental Sciences</i> , 2022, 17, 811-821.	2.5	6
4	Perspectives on Light-Based Disinfection to Reduce the Risk of COVID-19 Transmission during Dental Care. <i>BioMed</i> , 2022, 2, 27-36.	1.1	2
5	Novel rechargeable calcium fluoride dental nanocomposites. <i>Dental Materials</i> , 2022, 38, 397-408.	3.5	10
6	Editorial: The Use of Bioactive Materials in Caries Management. <i>Frontiers in Oral Health</i> , 2022, 3, 832285.	3.0	4
7	Novel rechargeable nanostructured calcium phosphate crown cement with long-term ion release and antibacterial activity to suppress saliva microcosm biofilms. <i>Journal of Dentistry</i> , 2022, 122, 104140.	4.1	8
8	Nanoparticle-based antimicrobial for dental restorative materials. , 2022, , 661-700.		0
9	Hands-on training based on quantifying radiant exposure improves how dental students cure composites: Skill retention at 2-year follow-up. <i>European Journal of Dental Education</i> , 2021, 25, 582-591.	2.0	3
10	The Impact of Photosensitizer Selection on Bactericidal Efficacy Of PDT against Cariogenic Biofilms: A Systematic Review and Meta-Analysis. <i>Photodiagnosis and Photodynamic Therapy</i> , 2021, 33, 102046.	2.6	9
11	The burden of root caries: Updated perspectives and advances on management strategies. <i>Gerodontology</i> , 2021, 38, 136-153.	2.0	30
12	Antibacterial response of oral microcosm biofilm to nano-zinc oxide in adhesive resin. <i>Dental Materials</i> , 2021, 37, e182-e193.	3.5	31
13	Mapping Evidence on Early Childhood Caries Prevalence: Complexity of Worldwide Data Reporting. <i>International Journal of Clinical Pediatric Dentistry</i> , 2021, 14, 1-7.	0.8	5
14	Wear Behavior and Surface Quality of Dental Bioactive Ions-Releasing Resins Under Simulated Chewing Conditions. <i>Frontiers in Oral Health</i> , 2021, 2, 628026.	3.0	8
15	Physicochemical Effects of Niobic Acid Addition Into Dental Adhesives. <i>Frontiers in Materials</i> , 2021, 7, .	2.4	3
16	Sustained Antibacterial Effect and Wear Behavior of Quaternary Ammonium Contact-Killing Dental Polymers after One-Year of Hydrolytic Degradation. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3718.	2.5	7
17	Advancing Photodynamic Therapy for Endodontic Disinfection with Nanoparticles: Present Evidence and Upcoming Approaches. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 4759.	2.5	8
18	Photodynamic Therapy for Biomodulation and Disinfection in Implant Dentistry: Is It Feasible and Effective?. <i>Photochemistry and Photobiology</i> , 2021, 97, 916-929.	2.5	10

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19	Bifunctional Composites for Biofilms Modulation on Cervical Restorations. <i>Journal of Dental Research</i> , 2021, 100, 1063-1071.	5.2	16
20	Improper Light Curing of Bulkfill Composite Drives Surface Changes and Increases <i>S. mutans</i> Biofilm Growth as a Pathway for Higher Risk of Recurrent Caries around Restorations. <i>Dentistry Journal</i> , 2021, 9, 83.	2.3	8
21	Editorial: Developing Bioactive Materials for Dental Applications. <i>Frontiers in Materials</i> , 2021, 8, .	2.4	2
22	Regenerating Craniofacial Dental Defects With Calcium Phosphate Cement Scaffolds: Current Status and Innovative Scope Review. <i>Frontiers in Dental Medicine</i> , 2021, 2, .	1.4	4
23	Multifunctional Dental Composite with Piezoelectric Nanofillers for Combined Antibacterial and Mineralization Effects. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 43868-43879.	8.0	30
24	Novel Nano Calcium Fluoride Remineralizing and Antibacterial Dental Composites. <i>Journal of Dentistry</i> , 2021, 113, 103789.	4.1	18
25	Errors in light-emitting diodes positioning when curing bulk fill and incremental composites: impact on properties after aging. <i>Restorative Dentistry &amp; Endodontics</i> , 2021, 46, e51.	1.5	1
26	Metal Oxide Nanoparticles and Nanotubes: Ultrasmall Nanostructures to Engineer Antibacterial and Improved Dental Adhesives and Composites. <i>Bioengineering</i> , 2021, 8, 146.	3.5	24
27	Antibacterial Activities of Methanol and Aqueous Extracts of <i>Salvadora persica</i> against <i>Streptococcus mutans</i> Biofilms: An In Vitro Study. <i>Dentistry Journal</i> , 2021, 9, 143.	2.3	5
28	Magnetic-Responsive Photosensitizer Nanoplatform for Optimized Inactivation of Dental Caries-Related Biofilms: Technology Development and Proof of Principle. <i>ACS Nano</i> , 2021, 15, 19888-19904.	14.6	21
29	Light Energy Dose and Photosensitizer Concentration Are Determinants of Effective Photo-Killing against Caries-Related Biofilms. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7612.	4.1	13
30	Novel CaF <sub>2</sub> Nanocomposites with Antibacterial Function and Fluoride and Calcium Ion Release to Inhibit Oral Biofilm and Protect Teeth. <i>Journal of Functional Biomaterials</i> , 2020, 11, 56.	4.4	36
31	Emerging Contact-Killing Antibacterial Strategies for Developing Anti-Biofilm Dental Polymeric Restorative Materials. <i>Bioengineering</i> , 2020, 7, 83.	3.5	39
32	Prospects on Nano-Based Platforms for Antimicrobial Photodynamic Therapy Against Oral Biofilms. <i>Photobiomodulation, Photomedicine, and Laser Surgery</i> , 2020, 38, 481-496.	1.4	18
33	In vitro evaluation of composite containing DMAHDM and calcium phosphate nanoparticles on recurrent caries inhibition at bovine enamel-restoration margins. <i>Dental Materials</i> , 2020, 36, 1343-1355.	3.5	23
34	Pronounced Effect of Antibacterial Bioactive Dental Composite on Microcosm Biofilms Derived From Patients With Root Carious Lesions. <i>Frontiers in Materials</i> , 2020, 7, .	2.4	4
35	Novel Crown Cement Containing Antibacterial Monomer and Calcium Phosphate Nanoparticles. <i>Nanomaterials</i> , 2020, 10, 2001.	4.1	21
36	Novel Nanocomposite Inhibiting Caries at the Enamel Restoration Margins in an In Vitro Saliva-Derived Biofilm Secondary Caries Model. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6369.	4.1	15

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37	Bacterial Interactions with Dental and Medical Materials. <i>Journal of Functional Biomaterials</i> , 2020, 11, 83.	4.4	5
38	Multifunctional antibacterial dental sealants suppress biofilms derived from children at high risk of caries. <i>Biomaterials Science</i> , 2020, 8, 3472-3484.	5.4	23
39	Novel low-shrinkage-stress nanocomposite with remineralization and antibacterial abilities to protect marginal enamel under biofilm. <i>Journal of Dentistry</i> , 2020, 99, 103406.	4.1	26
40	Novel pit and fissure sealant containing nano-CaF <sub>2</sub> and dimethylaminohexadecyl methacrylate with double benefits of fluoride release and antibacterial function. <i>Dental Materials</i> , 2020, 36, 1241-1253.	3.5	37
41	Concentration dependence of quaternary ammonium monomer on the design of high-performance bioactive composite for root caries restorations. <i>Dental Materials</i> , 2020, 36, e266-e278.	3.5	35
42	The Role of <i>Candida albicans</i> Secreted Polysaccharides in Augmenting <i>Streptococcus mutans</i> Adherence and Mixed Biofilm Formation: In vitro and in vivo Studies. <i>Frontiers in Microbiology</i> , 2020, 11, 307.	3.5	49
43	Novel antibacterial and therapeutic dental polymeric composites with the capability to self-heal cracks and regain mechanical properties. <i>European Polymer Journal</i> , 2020, 129, 109604.	5.4	11
44	Novel Bioactive and Therapeutic Root Canal Sealers with Antibacterial and Remineralization Properties. <i>Materials</i> , 2020, 13, 1096.	2.9	27
45	Guanidine derivative inhibits <i>C. albicans</i> biofilm growth on denture liner without promote loss of materials'™ resistance. <i>Bioactive Materials</i> , 2020, 5, 228-232.	15.6	15
46	Tooth sealing formulation with bacteria-killing surface and on-demand ion release/recharge inhibits early childhood caries key pathogens. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 3217-3227.	3.4	16
47	Myristyltrimethylammonium Bromide (MYTAB) as a Cationic Surface Agent to Inhibit <i>Streptococcus mutans</i> Grown over Dental Resins: An In Vitro Study. <i>Journal of Functional Biomaterials</i> , 2020, 11, 9.	4.4	15
48	Cerium Dioxide Particles to Tune Radiopacity of Dental Adhesives: Microstructural and Physico-Chemical Evaluation. <i>Journal of Functional Biomaterials</i> , 2020, 11, 7.	4.4	13
49	Dental Sealant Empowered by 1,3,5-Tri Acryloyl Hexahydro-1,3,5-Triazine and $\hat{\pm}$ -Tricalcium Phosphate for Anti-Caries Application. <i>Polymers</i> , 2020, 12, 895.	4.5	11
50	Antibacterial and remineralizing nanocomposite inhibit root caries biofilms and protect root dentin hardness at the margins. <i>Journal of Dentistry</i> , 2020, 97, 103344.	4.1	23
51	Exploring Needle-Like Zinc Oxide Nanostructures for Improving Dental Resin Sealers: Design and Evaluation of Antibacterial, Physical and Chemical Properties. <i>Polymers</i> , 2020, 12, 789.	4.5	10
52	Guanidine hydrochloride polymer additive to undertake ultraconservative resin infiltrant against <i>Streptococcus mutans</i> . <i>European Polymer Journal</i> , 2020, 133, 109746.	5.4	9
53	pH-responsive calcium and phosphate-ion releasing antibacterial sealants on carious enamel lesions in vitro. <i>Journal of Dentistry</i> , 2020, 97, 103323.	4.1	29
54	How we are assessing the developing antibacterial resin-based dental materials? A scoping review. <i>Journal of Dentistry</i> , 2020, 99, 103369.	4.1	41

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55	Determining the Effects of Eugenol on the Bond Strength of Resin-Based Restorative Materials to Dentin: A Meta-Analysis of the Literature. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1070.	2.5	6
56	Assessment of surface roughness changes on orthodontic acrylic resin by all-in-one spray disinfectant solutions. <i>Journal of Dental Research, Dental Clinics, Dental Prospects</i> , 2020, 14, 77-82.	1.0	4
57	Incorporation of amoxicillin-loaded microspheres in mineral trioxide aggregate cement: an in vitro study. <i>Restorative Dentistry &amp; Endodontics</i> , 2020, 45, e50.	1.5	2
58	Assessment of the radiant emittance of damaged/contaminated dental light-curing tips by spectrophotometric methods. <i>Restorative Dentistry &amp; Endodontics</i> , 2020, 45, e55.	1.5	2
59	3D cone-beam C.T. imaging used to determine the effect of disinfection protocols on the dimensional stability of full arch impressions. <i>Saudi Dental Journal</i> , 2020, 33, 453-461.	1.6	1
60	Piezoelectric energy harvester utilizing mandibular deformation to power implantable biosystems: A feasibility study. <i>Journal of Mechanical Science and Technology</i> , 2019, 33, 4039-4045.	1.5	6
61	Novel root canal sealer with dimethylaminohexadecyl methacrylate, nano-silver and nano-calcium phosphate to kill bacteria inside root dentin and increase dentin hardness. <i>Dental Materials</i> , 2019, 35, 1479-1489.	3.5	40
62	Underperforming light curing procedures trigger detrimental irradiance-dependent biofilm response on incrementally placed dental composites. <i>Journal of Dentistry</i> , 2019, 88, 103110.	4.1	25
63	A Novel Dental Sealant Containing Dimethylaminohexadecyl Methacrylate Suppresses the Cariogenic Pathogenicity of <i>Streptococcus mutans</i> Biofilms. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3491.	4.1	34
64	Novel Protein-Repellent and Antibacterial Resins and Cements to Inhibit Lesions and Protect Teeth. <i>International Journal of Polymer Science</i> , 2019, 2019, 1-11.	2.7	6
65	A nano-CaF <sub>2</sub> -containing orthodontic cement with antibacterial and remineralization capabilities to combat enamel white spot lesions. <i>Journal of Dentistry</i> , 2019, 89, 103172.	4.1	27
66	Increased cariogenic biofilm formation on under-cured bulk fill composites. <i>Dental Materials</i> , 2019, 35, e24-e25.	3.5	1
67	Novel rechargeable nano-CaF <sub>2</sub> orthodontic cement with high levels of long-term fluoride release. <i>Journal of Dentistry</i> , 2019, 90, 103214.	4.1	12
68	Anti-Biofilm and Mechanically Stable Bioactive Composite for Root Caries Restorations. <i>Dental Materials</i> , 2019, 35, e4-e5.	3.5	3
69	Rechargeable dual function dental sealant against cariogenicity of <i>streptococcus mutans</i> . <i>Dental Materials</i> , 2019, 35, e45.	3.5	0
70	Novel endodontic sealer with dual strategies of dimethylaminohexadecyl methacrylate and nanoparticles of silver to inhibit root canal biofilms. <i>Dental Materials</i> , 2019, 35, 1117-1129.	3.5	27
71	Self-healing adhesive with antibacterial activity in water-aging for 12 months. <i>Dental Materials</i> , 2019, 35, 1104-1116.	3.5	26
72	Nanostructured dental composites and adhesives with antibacterial and remineralizing capabilities for caries inhibition. , 2019, , 139-161.		3

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73	Novel bioactive root canal sealer with antibiofilm and remineralization properties. <i>Journal of Dentistry</i> , 2019, 83, 67-76.	4.1	29
74	Inhibition of nicotine-induced <i>Streptococcus mutans</i> biofilm formation by salts solutions intended for mouthrinses. <i>Restorative Dentistry &amp; Endodontics</i> , 2019, 44, e4.	1.5	13
75	Development of a new class of self-healing and therapeutic dental resins. <i>Polymer Degradation and Stability</i> , 2019, 163, 87-99.	5.8	25
76	Toward dental caries: Exploring nanoparticle-based platforms and calcium phosphate compounds for dental restorative materials. <i>Bioactive Materials</i> , 2019, 4, 43-55.	15.6	109
77	Novel Bioactive and Therapeutic Dental Polymeric Materials to Inhibit Periodontal Pathogens and Biofilms. <i>International Journal of Molecular Sciences</i> , 2019, 20, 278.	4.1	52
78	Novel multifunctional nanocomposite for root caries restorations to inhibit periodontitis-related pathogens. <i>Journal of Dentistry</i> , 2019, 81, 17-26.	4.1	23
79	Novel rechargeable calcium phosphate nanoparticle-filled dental cement. <i>Dental Materials Journal</i> , 2019, 38, 1-10.	1.8	10
80	Novel dental composite with capability to suppress cariogenic species and promote non-cariogenic species in oral biofilms. <i>Materials Science and Engineering C</i> , 2019, 94, 587-596.	7.3	54
81	Current Concepts and Best Evidence on Strategies to Prevent Dental Erosion. <i>Compendium of Continuing Education in Dentistry (Jamesburg, NJ: 1995)</i> , 2019, 40, 80-86; quiz 87.	0.1	4
82	Nanomagnetic-mediated drug delivery for the treatment of dental disease. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018, 14, 919-927.	3.3	21
83	Novel rechargeable calcium phosphate nanocomposite with antibacterial activity to suppress biofilm acids and dental caries. <i>Journal of Dentistry</i> , 2018, 72, 44-52.	4.1	64
84	Human In Situ Study of the effect of Bis(2-Methacryloyloxyethyl) Dimethylammonium Bromide Immobilized in Dental Composite on Controlling Mature Cariogenic Biofilm. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3443.	4.1	16
85	Developing a New Generation of Therapeutic Dental Polymers to Inhibit Oral Biofilms and Protect Teeth. <i>Materials</i> , 2018, 11, 1747.	2.9	14
86	Protein-repellent nanocomposite with rechargeable calcium and phosphate for long-term ion release. <i>Dental Materials</i> , 2018, 34, 1735-1747.	3.5	27
87	Tuning Nano-Amorphous Calcium Phosphate Content in Novel Rechargeable Antibacterial Dental Sealant. <i>Materials</i> , 2018, 11, 1544.	2.9	35
88	Protein-repelling adhesive resin containing calcium phosphate nanoparticles with repeated ion-recharge and re-releases. <i>Journal of Dentistry</i> , 2018, 78, 91-99.	4.1	30
89	A Modified Resin Sealer: Physical and Antibacterial Properties. <i>Journal of Endodontics</i> , 2018, 44, 1553-1557.	3.1	25
90	Antibacterial Efficacy and Discoloration Potential of Endodontic Topical Antibiotics. <i>Journal of Endodontics</i> , 2018, 44, 1110-1114.	3.1	29

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91	Active compounds and derivatives of camellia sinensis responding to erosive attacks on dentin. Brazilian Oral Research, 2018, 32, e40.	1.4	18
92	Design parameter study on piezoelectric energy harvester for scavenging human mandible deformation energy (Conference Presentation). , 2018, , .		0
93	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
94	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
95	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
96	Developing a New Generation of Antimicrobial and Bioactive Dental Resins. Journal of Dental Research, 2017, 96, 855-863.	5.2	118
97	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
98	Current Insights into the Modulation of Oral Bacterial Degradation of Dental Polymeric Restorative Materials. Materials, 2017, 10, 507.	2.9	22
99	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
100	Dental Composite Formulation Design with Bioactivity on Protein Adsorption Combined with Crack-Healing Capability. Journal of Functional Biomaterials, 2017, 8, 40.	4.4	14
101	Decreased Expression of Semaphorin3A/Neuropilin-1 Signaling Axis in Apical Periodontitis. BioMed Research International, 2017, 2017, 1-9.	1.9	27
102	Novel orthodontic cement containing dimethylaminohexadecyl methacrylate with strong antibacterial capability. Dental Materials Journal, 2017, 36, 669-676.	1.8	9
103	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
104	Carbohydrate-electrolyte drinks exhibit risks for human enamel surface loss. Restorative Dentistry & Endodontics, 2016, 41, 246.	1.5	7
105	Do Dental Resin Composites Accumulate More Oral Biofilms and Plaque than Amalgam and Glass Ionomer Materials?. Materials, 2016, 9, 888.	2.9	39
106	Novel Dental Cement to Combat Biofilms and Reduce Acids for Orthodontic Applications to Avoid Enamel Demineralization. Materials, 2016, 9, 413.	2.9	26
107	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
108	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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109	Orthodontic cement with protein-repellent and antibacterial properties and the release of calcium and phosphate ions. <i>Journal of Dentistry</i> , 2016, 50, 51-59.	4.1	39
110	Novel bioactive nanocomposite for Class-V restorations to inhibit periodontitis-related pathogens. <i>Dental Materials</i> , 2016, 32, e351-e361.	3.5	34
111	Clinical study of the caries-preventive effect of resin-modified glass ionomer restorations: aging versus the influence of fluoride dentifrice. <i>Journal of Investigative and Clinical Dentistry</i> , 2016, 7, 180-186.	1.8	10
112	Effects of water-aging on self-healing dental composite containing microcapsules. <i>Journal of Dentistry</i> , 2016, 47, 86-93.	4.1	50
113	Novel self-healing dental resin with microcapsules of polymerizable triethylene glycol dimethacrylate and N,N-dihydroxyethyl-p-toluidine. <i>Dental Materials</i> , 2016, 32, 294-304.	3.5	58
114	Development of novel self-healing and antibacterial dental composite containing calcium phosphate nanoparticles. <i>Journal of Dentistry</i> , 2015, 43, 317-326.	4.1	100
115	The Influence of Dentin Demineralization on Morphological Features of Cavities Using Er:YAG Laser. <i>Photomedicine and Laser Surgery</i> , 2015, 33, 22-28.	2.0	7
116	Protein-repellent and antibacterial dental composite to inhibit biofilms and caries. <i>Journal of Dentistry</i> , 2015, 43, 225-234.	4.1	81
117	Nanotechnology strategies for antibacterial and remineralizing composites and adhesives to tackle dental caries. <i>Nanomedicine</i> , 2015, 10, 627-641.	3.3	134
118	A novel protein-repellent dental composite containing 2-methacryloyloxyethyl phosphorylcholine. <i>International Journal of Oral Science</i> , 2015, 7, 103-109.	8.6	53
119	Development of a multifunctional adhesive system for prevention of root caries and secondary caries. <i>Dental Materials</i> , 2015, 31, 1119-1131.	3.5	77
120	Effect of dimethylaminohexadecyl methacrylate mass fraction on fracture toughness and antibacterial properties of CaP nanocomposite. <i>Journal of Dentistry</i> , 2015, 43, 1539-1546.	4.1	42
121	Photodynamic antimicrobial chemotherapy and ultraconservative caries removal linked for management of deep caries lesions. <i>Photodiagnosis and Photodynamic Therapy</i> , 2015, 12, 581-586.	2.6	63
122	Effects of Diode Laser Therapy and Stannous Fluoride on Dentin Resistance Under Different Erosive Acid Attacks. <i>Photomedicine and Laser Surgery</i> , 2014, 32, 146-151.	2.0	11
123	A Comparative Study of the Photosensitizer Penetration into Artificial Caries Lesions in Dentin Measured by the Confocal Raman Microscopy. <i>Photochemistry and Photobiology</i> , 2014, 90, 183-188.	2.5	14
124	Photodynamic Antimicrobial Chemotherapy as a Strategy for Dental Caries: Building a More Conservative Therapy in Restorative Dentistry. <i>Photomedicine and Laser Surgery</i> , 2014, 32, 589-591.	2.0	15
125	Fluoride releasing and enamel demineralization around orthodontic brackets by fluoride-releasing composite containing nanoparticles. <i>Clinical Oral Investigations</i> , 2014, 18, 1343-1350.	3.0	34
126	Novel protein-repellent dental adhesive containing 2-methacryloyloxyethyl phosphorylcholine. <i>Journal of Dentistry</i> , 2014, 42, 1284-1291.	4.1	39



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127	Novel antibacterial orthodontic cement containing quaternary ammonium monomer dimethylaminododecyl methacrylate. <i>Journal of Dentistry</i> , 2014, 42, 1193-1201.	4.1	58
128	Acid Etching Concentration as a Strategy to Improve the Adhesive Performance on Er:YAG Laser and Bur-Prepared Demineralized Enamel. <i>Photomedicine and Laser Surgery</i> , 2014, 32, 379-385.	2.0	2
129	In situ Assessment of Effects of the Bromide- and Fluoride-incorporating Adhesive Systems on Biofilm and Secondary Caries. <i>Journal of Contemporary Dental Practice</i> , 2014, 15, 142-148.	0.5	9
130	In Situ Response of Nanostructured Hybrid Fluoridated Restorative Composites on Enamel Demineralization, Surface Roughness and Ion Release. <i>European journal of prosthodontics and restorative dentistry, The</i> , 2014, 22, 185-90.	0.4	4
131	Nanotechnology-based restorative materials for dental caries management. <i>Trends in Biotechnology</i> , 2013, 31, 459-467.	9.3	195
132	Characterization of Antimicrobial Photodynamic Therapy-Treated <i>Streptococci mutans</i> : An Atomic Force Microscopy Study. <i>Photomedicine and Laser Surgery</i> , 2013, 31, 105-109.	2.0	15
133	Comparison of methods for quantifying dental wear caused by erosion and abrasion. <i>Microscopy Research and Technique</i> , 2013, 76, 178-183.	2.2	40
134	Novel calcium phosphate nanocomposite with caries-inhibition in a human in situ model. <i>Dental Materials</i> , 2013, 29, 231-240.	3.5	131
135	Novel dental adhesive containing antibacterial agents and calcium phosphate nanoparticles. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2013, 101B, 620-629.	3.4	127
136	Nanostructured Dental Composites and Adhesives with Antibacterial and Remineralizing Capabilities for Caries Inhibition. , 2013, , 109-129.		3
137	Novel dental adhesives containing nanoparticles of silver and amorphous calcium phosphate. <i>Dental Materials</i> , 2013, 29, 199-210.	3.5	192
138	Dentin erosion by whitening mouthwash associated to toothbrushing abrasion: A focus variation 3D scanning microscopy study. <i>Microscopy Research and Technique</i> , 2013, 76, 904-908.	2.2	14
139	Effect of chlorhexidine on the bond strength of a self-etch adhesive system to sound and demineralized dentin. <i>Brazilian Oral Research</i> , 2013, 27, 218-224.	1.4	17
140	Effect of quaternary ammonium and silver nanoparticle-containing adhesives on dentin bond strength and dental plaque microcosm biofilms. <i>Dental Materials</i> , 2012, 28, 842-852.	3.5	142
141	Anti-biofilm Dentin Primer with Quaternary Ammonium and Silver Nanoparticles. <i>Journal of Dental Research</i> , 2012, 91, 598-604.	5.2	161
142	The antimicrobial activity of photodynamic therapy against <i>Streptococcus mutans</i> using different photosensitizers. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2012, 106, 40-46.	3.8	178
143	Antimicrobial effect of chlorhexidine digluconate in dentin: In vitro and in situ study. <i>Journal of Conservative Dentistry</i> , 2012, 15, 22.	0.9	31
144	The effect of diode laser irradiation on dentin as a preventive measure against dental erosion: an in vitro study. <i>Lasers in Medical Science</i> , 2011, 26, 615-621.	2.1	24

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145	Restoring esthetics in eroded anterior teeth: a conservative multidisciplinary approach. General Dentistry, 2011, 59, 48-52.	0.4	0
146	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
147	In vitro photodynamic antimicrobial chemotherapy in dentine contaminated by cariogenic bacteria. Laser Physics, 2010, 20, 1504-1513.	1.2	24
148	Evaluation of the effect of photodynamic antimicrobial therapy in dentin caries: a pilot in vivo study. , 2010, , .		5
149	Evaluation of the antimicrobial effect of photodynamic antimicrobial therapy in an <i>in situ</i> model of dentine caries. European Journal of Oral Sciences, 2009, 117, 568-574.	1.5	130
150	In situ effects of restorative materials on dental biofilm and enamel demineralisation. Journal of Dentistry, 2009, 37, 44-51.	4.1	75
151	Resin infiltrant protects deproteinized dentin against erosive and abrasive wear. Restorative Dentistry & Endodontics, 0, 47, .	1.5	0