

Robert S Jones

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

608
citations

933447

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940533

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18
times ranked

416
citing authors

#	ARTICLE	IF	CITATIONS
1	Utilizing a degradation prediction pathway system to understand how a novel methacrylate derivative polymer with flipped external ester groups retains physico-mechanical properties following esterase exposure. <i>Dental Materials</i> , 2022, 38, 251-265.	3.5	3
2	Conceptual Model for Using Imidazoline Derivative Solutions in Pulpal Management. <i>Journal of Clinical Medicine</i> , 2021, 10, 1212.	2.4	2
3	A novel methacrylate derivative polymer that resists bacterial cell-mediated biodegradation. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2021, , .	3.4	4
4	A Novel Dental Polymer with a Flipped External Ester Group Design that Resists Degradation via Polymer Backbone Preservation. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 5609-5619.	5.2	5
5	Polyphosphate-Accumulating Bacteria: Potential Contributors to Mineral Dissolution in the Oral Cavity. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	3.1	15
6	The effect of base material composition on demineralization assessment in CPOCT dental imaging. <i>Dental Materials Journal</i> , 2018, 37, 995-1002.	1.8	0
7	Salivary intercellular adenosine triphosphate testing in primary caretakers: An examination of statistical significance versus diagnostic predictability. <i>Clinical and Experimental Dental Research</i> , 2017, 3, 244-250.	1.9	2
8	Real-time imaging of anti-biofilm effects using CP-OCT. <i>Biotechnology and Bioengineering</i> , 2016, 113, 198-205.	3.3	28
9	Fatigue failure of dentin-composite disks subjected to cyclic diametral compression. <i>Dental Materials</i> , 2015, 31, 778-788.	3.5	14
10	Clinical cross-polarization optical coherence tomography assessment of subsurface enamel below dental resin composite restorations. <i>Journal of Medical Imaging</i> , 2014, 1, 016001.	1.5	18
11	Assessing near infrared optical properties of ceramic orthodontic brackets using cross-polarization optical coherence tomography. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2014, 102, 516-523.	3.4	9
12	Comparing potential early caries assessment methods for teledentistry. <i>BMC Oral Health</i> , 2013, 13, 16.	2.3	23
13	Influence of dental resin material composition on cross-polarization-optical coherence tomography imaging. <i>Journal of Biomedical Optics</i> , 2012, 17, 1060021.	2.6	25
14	Imaging in vivo secondary caries and ex vivo dental biofilms using cross-polarization optical coherence tomography. <i>Dental Materials</i> , 2012, 28, 792-800.	3.5	71
15	Early Caries Imaging and Monitoring with Near-Infrared Light. <i>Dental Clinics of North America</i> , 2005, 49, 771-793.	1.8	95
16	Imaging artificial caries under composite sealants and restorations. <i>Journal of Biomedical Optics</i> , 2004, 9, 1297.	2.6	96
17	Near-infrared transillumination at 1310-nm for the imaging of early dental decay. <i>Optics Express</i> , 2003, 11, 2259.	3.4	196
18	Methacrylate Polymers With Flipped External Ester Groups: A Review. <i>Frontiers in Dental Medicine</i> , 0, 3, .	1.4	2