Robert S Jones

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6804092/publications.pdf

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18	608	933447	940533
papers	citations	10	16
		h-index	g-index

18	18	18	416
all docs	docs citations	times ranked	citing authors

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