

Kyle Boone

List of Publications by Year in descending order

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15
papers

321
citations

1040056

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15
docs citations

15
times ranked

412
citing authors

#	ARTICLE	IF	CITATIONS
1	Chimeric Peptides as Implant Functionalization Agents for Titanium Alloy Implants with Antimicrobial Properties. Jom, 2015, 67, 754-766.	1.9	62
2	Antimicrobial Peptide-Polymer Conjugates for Dentistry. ACS Applied Polymer Materials, 2020, 2, 1134-1144.	4.4	43
3	Self-assembling antimicrobial peptides on nanotubular titanium surfaces coated with calcium phosphate for local therapy. Materials Science and Engineering C, 2019, 94, 333-343.	7.3	40
4	Threats to adhesive/dentin interfacial integrity and next generation bio-enabled multifunctional adhesives. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2019, 107, 2673-2683.	3.4	34
5	Combining genetic algorithm with machine learning strategies for designing potent antimicrobial peptides. BMC Bioinformatics, 2021, 22, 239.	2.6	34
6	Antimicrobial peptide similarity and classification through rough set theory using physicochemical boundaries. BMC Bioinformatics, 2018, 19, 469.	2.6	25
7	Peptide Mediated Antimicrobial Dental Adhesive System. Applied Sciences (Switzerland), 2019, 9, 557.	2.5	25
8	Biosilver nanoparticle interface offers improved cell viability. Surface Innovations, 2016, 4, 121-132.	2.3	16
9	Bioinspired multifunctional adhesive system for next generation bio-additively designed dental restorations. Journal of the Mechanical Behavior of Biomedical Materials, 2021, 113, 104135.	3.1	10
10	Reconfigurable Dual Peptide Tethered Polymer System Offers a Synergistic Solution for Next Generation Dental Adhesives. International Journal of Molecular Sciences, 2021, 22, 6552.	4.1	9
11	The Disulfide Bond Cys255-Cys279 in the Immunoglobulin-Like Domain of Anthrax Toxin Receptor 2 Is Required for Membrane Insertion of Anthrax Protective Antigen Pore. PLoS ONE, 2015, 10, e0130832.	2.5	8
12	Peptide-Enabled Nanocomposites Offer Biomimetic Reconstruction of Silver Diamine Fluoride-Treated Dental Tissues. Polymers, 2022, 14, 1368.	4.5	6
13	The Future of Chemical Engineering Design: Impact of Faculty Makeup and Industrial Needs. Computer Aided Chemical Engineering, 2014, 34, 88-97.	0.5	5
14	Modulating pH through lysine integrated dental adhesives. Dental Materials, 2018, 34, 1652-1660.	3.5	3
15	Modulating the Mechanochemistry of Peptide-Polymer Hybrids for Precision Tissue Repair. , 2022, , .		1