

Kyle Boone

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/662007/publications.pdf>

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15
papers

321
citations

1039880

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h-index

1058333

14
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all docs

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. <i>Jom</i> , 2015, 67, 754-766.	0.9	62
2	Antimicrobial Peptide-Polymer Conjugates for Dentistry. <i>ACS Applied Polymer Materials</i> , 2020, 2, 1134-1144.	2.0	43
3	Self-assembling antimicrobial peptides on nanotubular titanium surfaces coated with calcium phosphate for local therapy. <i>Materials Science and Engineering C</i> , 2019, 94, 333-343.	3.8	40
4	Threats to adhesive/dentin interfacial integrity and next generation bio-enabled multifunctional adhesives. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 2673-2683.	1.6	34
5	Combining genetic algorithm with machine learning strategies for designing potent antimicrobial peptides. <i>BMC Bioinformatics</i> , 2021, 22, 239.	1.2	34
6	Antimicrobial peptide similarity and classification through rough set theory using physicochemical boundaries. <i>BMC Bioinformatics</i> , 2018, 19, 469.	1.2	25
7	Peptide Mediated Antimicrobial Dental Adhesive System. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 557.	1.3	25
8	Biosilver nanoparticle interface offers improved cell viability. <i>Surface Innovations</i> , 2016, 4, 121-132.	1.4	16
9	Bioinspired multifunctional adhesive system for next generation bio-additively designed dental restorations. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 113, 104135.	1.5	10
10	Reconfigurable Dual Peptide Tethered Polymer System Offers a Synergistic Solution for Next Generation Dental Adhesives. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6552.	1.8	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. <i>PLoS ONE</i> , 2015, 10, e0130832.	1.1	8
12	Peptide-Enabled Nanocomposites Offer Biomimetic Reconstruction of Silver Diamine Fluoride-Treated Dental Tissues. <i>Polymers</i> , 2022, 14, 1368.	2.0	6
13	The Future of Chemical Engineering Design: Impact of Faculty Makeup and Industrial Needs. <i>Computer Aided Chemical Engineering</i> , 2014, 34, 88-97.	0.3	5
14	Modulating pH through lysine integrated dental adhesives. <i>Dental Materials</i> , 2018, 34, 1652-1660.	1.6	3
15	Modulating the Mechanochemistry of Peptide-Polymer Hybrids for Precision Tissue Repair., 2022, , .		1