

Miao Xu

List of Publications by Year in descending order

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papers

668
citations

623734

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1174
citing authors

#	ARTICLE	IF	CITATIONS
1	Phage-Derived Depolymerase as an Antibiotic Adjuvant Against Multidrug-Resistant <i>Acinetobacter baumannii</i> . <i>Frontiers in Microbiology</i> , 2022, 13, 845500.	3.5	21
2	Formulation strategies for bacteriophages to target intracellular bacterial pathogens. <i>Advanced Drug Delivery Reviews</i> , 2021, 176, 113864.	13.7	31
3	Posttranscriptional control of PLOD1 in adipose-derived stem cells regulates scar formation through altering macrophage polarization. <i>Annals of Translational Medicine</i> , 2021, 9, 1573-1573.	1.7	4
4	Synthesis of sandwich-structured silver@polydopamine@silver shells with enhanced antibacterial activities. <i>Journal of Colloid and Interface Science</i> , 2020, 558, 47-54.	9.4	28
5	Biocompatible metal-free organic phosphorescent nanoparticles for efficiently multidrug-resistant bacteria eradication. <i>Science China Materials</i> , 2020, 63, 316-324.	6.3	20
6	Single-step fabrication of catechol- μ -poly-L-lysine antimicrobial paint that prevents superbug infection and promotes osteoconductivity of titanium implants. <i>Chemical Engineering Journal</i> , 2020, 396, 125240.	12.7	36
7	Mussel-Inspired Hydrogel with Potent <i>in Vivo</i> Contact-Active Antimicrobial and Wound Healing Promoting Activities. <i>ACS Applied Bio Materials</i> , 2019, 2, 3329-3340.	4.6	58
8	Povidone-iodine-functionalized fluorinated copolymers with dual-functional antibacterial and antifouling activities. <i>Biomaterials Science</i> , 2019, 7, 3334-3347.	5.4	39
9	Catechol cross-linked antimicrobial peptide hydrogels prevent multidrug-resistant <i>Acinetobacter baumannii</i> infection in burn wounds. <i>Bioscience Reports</i> , 2019, 39, .	2.4	31
10	Design and Synthesis of Biocompatible, Hemocompatible, and Highly Selective Antimicrobial Cationic Peptidopolysaccharides via Click Chemistry. <i>Biomacromolecules</i> , 2019, 20, 2230-2240.	5.4	69
11	Stable and self-healable LbL coating with antibiofilm efficacy based on alkylated polyethyleneimine micelles. <i>Journal of Materials Chemistry B</i> , 2019, 7, 3865-3875.	5.8	25
12	Efficacy of 5-aminolevulinic acid-based photodynamic therapy against keloid compromised by downregulation of SIRT1-SIRT3-SOD2-mROS dependent autophagy pathway. <i>Redox Biology</i> , 2019, 20, 195-203.	9.0	62
13	Electrofabrication of functional materials: Chloramine-based antimicrobial film for infectious wound treatment. <i>Acta Biomaterialia</i> , 2018, 73, 190-203.	8.3	30
14	Bio-inspired redox-cycling antimicrobial film for sustained generation of reactive oxygen species. <i>Biomaterials</i> , 2018, 162, 109-122.	11.4	72
15	Dual-Functional Polyethylene Glycol-polyhexanide Surface Coating with <i>in Vitro</i> and <i>in Vivo</i> Antimicrobial and Antifouling Activities. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 10383-10397.	8.0	142