

Xiaolin Zhang

List of Publications by Year in descending order

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15
papers

234
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1040056

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citing authors

#	ARTICLE	IF	CITATIONS
1	Superior Unidirectional Water Transport and Mechanically Stable 3D Orthogonal Woven Fabric for Human Body Moisture and Thermal Management. <i>Small</i> , 2022, 18, e2107150.	10.0	54
2	Numerical Investigation on Absorption Enhancement of Black Carbon Aerosols Partially Coated With Nonabsorbing Organics. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 1297-1308.	3.3	35
3	Preparation and characterization of nanoparticle reinforced alginate fibers with high porosity for potential wound dressing application. <i>RSC Advances</i> , 2017, 7, 39349-39358.	3.6	27
4	Strontium ion substituted alginate-based hydrogel fibers and its coordination binding model. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48571.	2.6	24
5	Facile fabrication and characterization on alginate microfibrils with grooved structure via microfluidic spinning. <i>Royal Society Open Science</i> , 2019, 6, 181928.	2.4	20
6	Drug Repurposing for Parkinson's Disease by Integrating Knowledge Graph Completion Model and Knowledge Fusion of Medical Literature. <i>Future Internet</i> , 2021, 13, 14.	3.8	16
7	Ampicillin-incorporated alginate-chitosan fibers from microfluidic spinning and for vitro release. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2017, 28, 1408-1425.	3.5	13
8	Development of the inorganic nanoparticles reinforced alginate-based hybrid fiber for wound care and healing. <i>Journal of Applied Polymer Science</i> , 2021, 138, 51228.	2.6	10
9	Construction of a two-in-one liposomal system (TWOLips) for tumor-targeted combination therapy. <i>International Journal of Pharmaceutics</i> , 2014, 476, 241-252.	5.2	9
10	Influence of K^+ and NH_4^+ ions on the degradation of wet-spun alginate fibers for tissue engineering. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	2.6	8
11	Enhanced mechanical performance of cellulose nanocrystal doped eco-friendly calcium-alginate based bio-composite fiber with superior flame retardancy. <i>Textile Research Journal</i> , 2022, 92, 1820-1829.	2.2	7
12	Preparation of Fe@GAC and Fe@GAR and Their Application for Removal of Crystal Violet from Wastewater. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 1.	2.4	6
13	Design of LPV fault-tolerant controller for pitch system of wind turbine. <i>Modern Physics Letters B</i> , 2017, 31, 1740068.	1.9	2
14	Superior Unidirectional Water Transport and Mechanically Stable 3D Orthogonal Woven Fabric for Human Body Moisture and Thermal Management (Small 10/2022). <i>Small</i> , 2022, 18, .	10.0	2
15	Effects of Different Monochromatic Light of LED on the Growth Performance of Jinmao Broilers and Egg Laying Performance of Jinmao Breeders. <i>Journal of Science and Technology in Lighting</i> , 2018, 41, 143-147.	0.4	1