

Shangjing Xin

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

18
papers

650
citations

14
h-index

18
g-index

18
ext. papers

783
ext. citations

7.7
avg, IF

4.11
L-index

#	Paper	IF	Citations
18	Clickable PEG hydrogel microspheres as building blocks for 3D bioprinting. <i>Biomaterials Science</i> , 2019 , 7, 1179-1187	7.4	99
17	Quaternized chitosan-layered silicate intercalated composites based nanofibrous mats and their antibacterial activity. <i>Carbohydrate Polymers</i> , 2012 , 89, 307-13	10.3	96
16	Recyclable <i>Saccharomyces cerevisiae</i> loaded nanofibrous mats with sandwich structure constructing via bio-electrospraying for heavy metal removal. <i>Journal of Hazardous Materials</i> , 2017 , 324, 365-372	12.8	88
15	Assembly of PEG Microgels into Porous Cell-Instructive 3D Scaffolds via Thiol-Ene Click Chemistry. <i>Advanced Healthcare Materials</i> , 2018 , 7, e1800160	10.1	50
14	Novel layer-by-layer structured nanofibrous mats coated by protein films for dermal regeneration. <i>Journal of Biomedical Nanotechnology</i> , 2014 , 10, 803-10	4	49
13	Quaternized chitosan-organic rectorite intercalated composites based nanoparticles for protein controlled release. <i>International Journal of Pharmaceutics</i> , 2012 , 438, 258-65	6.5	42
12	Carboxymethyl chitin/organic rectorite composites based nanofibrous mats and their cell compatibility. <i>Carbohydrate Polymers</i> , 2012 , 90, 1069-74	10.3	27
11	Cytotoxicity and antibacterial ability of scaffolds immobilized by polysaccharide/layered silicate composites. <i>Carbohydrate Polymers</i> , 2013 , 92, 1880-6	10.3	25
10	Into the groove: instructive silk-polypyrrole films with topographical guidance cues direct DRG neurite outgrowth. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2015 , 26, 1327-42	3.5	24
9	Creation of an injectable in situ gelling native extracellular matrix for nucleus pulposus tissue engineering. <i>Spine Journal</i> , 2017 , 17, 435-444	4	22
8	Creating Physicochemical Gradients in Modular Microporous Annealed Particle Hydrogels via a Microfluidic Method. <i>Advanced Functional Materials</i> , 2020 , 30, 1907102	15.6	22
7	Localized and sustained release of brain-derived neurotrophic factor from injectable hydrogel/microparticle composites fosters spinal learning after spinal cord injury. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 7560-7571	7.3	21
6	Novel polymer-layered silicate intercalated composite beads for drug delivery. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2013 , 24, 1-14	3.5	21
5	Hydroxypropyl chitosan/organic rectorite-based nanofibrous mats with intercalated structure for bacterial inhibition. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2013 , 24, 485-96	3.5	20
4	Nanofibrous mats coated by homocharged biopolymer-layered silicate nanoparticles and their antitumor activity. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 105, 137-43	6	14
3	Interplay between degradability and integrin signaling on mesenchymal stem cell function within poly(ethylene glycol) based microporous annealed particle hydrogels. <i>Acta Biomaterialia</i> , 2020 , 101, 227-236	10.8	14
2	Generalizing hydrogel microparticles into a new class of bioinks for extrusion bioprinting. <i>Science Advances</i> , 2021 , 7, eabk3087	14.3	10

- 1 Microporous Bio-orthogonally Annealed Particle Hydrogels for Tissue Engineering and Regenerative Medicine. *ACS Biomaterials Science and Engineering*, **2019**, 5, 6395-6404

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