

Dongwei Wu

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Functionalized organic nanotubes with highly tunable crosslinking site density for mechanical enhancement and pH-controlled drug release of nanocomposite hydrogels. <i>Polymer Journal</i> , 2022, 54, 67-78.	2.7	7
2	Bioprinted Cancer Model of Neuroblastoma in a Renal Microenvironment as an Efficiently Applicable Drug Testing Platform. <i>International Journal of Molecular Sciences</i> , 2022, 23, 122.	4.1	12
3	Customized composite intervertebral disc scaffolds by integrated 3D bioprinting for therapeutic implantation. <i>Composites Part A: Applied Science and Manufacturing</i> , 2021, 147, 106468.	7.6	14
4	Thiolated gellan gum hydrogels as a peptide delivery system for 3D neural stem cell culture. <i>Materials Letters</i> , 2020, 259, 126891.	2.6	12
5	Stress-relaxing double-network hydrogel for chondrogenic differentiation of stem cells. <i>Materials Science and Engineering C</i> , 2020, 107, 110333.	7.3	43
6	Antibacterial poly (ethylene glycol) diacrylate/chitosan hydrogels enhance mechanical adhesiveness and promote skin regeneration. <i>Carbohydrate Polymers</i> , 2019, 225, 115110.	10.2	121
7	Selective construction of single-walled asymmetrical nanotube by platinum (II)-coordination/dissociation. <i>Materials Letters</i> , 2019, 242, 107-110.	2.6	5
8	Tuning inflammation response via adjusting microstructure of hydroxyapatite and biomolecules modification. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 177, 496-505.	5.0	10
9	Sustained release of plasmid DNA from PLLA/POSS nanofibers for angiogenic therapy. <i>Chemical Engineering Journal</i> , 2019, 365, 270-281.	12.7	30
10	3D bioprinting of cell-laden scaffolds for intervertebral disc regeneration. <i>Materials Letters</i> , 2018, 223, 219-222.	2.6	53
11	Moisture-responsive supramolecular nanotubes. <i>Nanoscale</i> , 2018, 10, 20321-20328.	5.6	7
12	A gene-activating skin substitute comprising PLLA/POSS nanofibers and plasmid DNA encoding ANG and bFGF promotes <i>in vivo</i> revascularization and epidermalization. <i>Journal of Materials Chemistry B</i> , 2018, 6, 6977-6992.	5.8	14
13	3D bioprinting of gellan gum and poly (ethylene glycol) diacrylate based hydrogels to produce human-scale constructs with high-fidelity. <i>Materials and Design</i> , 2018, 160, 486-495.	7.0	115