

Fei Xu

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

613
citations

759233

12
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

1002
citing authors

#	ARTICLE	IF	CITATIONS
1	Structured Macroporous Hydrogels: Progress, Challenges, and Opportunities. <i>Advanced Healthcare Materials</i> , 2018, 7, 1700927.	7.6	143
2	Electrospun Core-Shell Structure Nanofibers from Homogeneous Solution of Poly(ethylene Terephthalate) / Poly(vinylidene fluoride) / Poly(lactide-co-glycolide). <i>Journal of Membrane Science</i> , 2011, 370, 141-148.	4.8	141
3	Reactive electrospinning of degradable poly(oligoethylene glycol methacrylate)-based nanofibrous hydrogel networks. <i>Chemical Communications</i> , 2016, 52, 1451-1454.	4.1	54
4	Synthesis and photopolymerization kinetics of benzophenone sesamol one-component photoinitiator. <i>Photochemical and Photobiological Sciences</i> , 2013, 12, 323-329.	2.9	41
5	A Highly Sensitive Immunosorbent Assay Based on Biotinylated Graphene Oxide and the Quartz Crystal Microbalance. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 1893-1902.	8.0	39
6	Nanostructured degradable macroporous hydrogel scaffolds with controllable internal morphologies via reactive electrospinning. <i>Acta Biomaterialia</i> , 2020, 104, 135-146.	8.3	35
7	An Injectable Hydrogel Prepared Using a PEG/Vitamin E Copolymer Facilitating Aqueous-Driven Gelation. <i>Biomacromolecules</i> , 2016, 17, 3648-3658.	5.4	29
8	High-Throughput Synthesis, Analysis, and Optimization of Injectable Hydrogels for Protein Delivery. <i>Biomacromolecules</i> , 2020, 21, 214-229.	5.4	29
9	Hydrogels for Tissue Engineering: Addressing Key Design Needs Toward Clinical Translation. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, .	4.1	25
10	Single-Step Reactive Electrospinning of Cell-Loaded Nanofibrous Scaffolds as Ready-to-Use Tissue Patches. <i>Biomacromolecules</i> , 2018, 19, 4182-4192.	5.4	22
11	Multi-scale structuring of cell-instructive cellulose nanocrystal composite hydrogel sheets via sequential electrospinning and thermal wrinkling. <i>Acta Biomaterialia</i> , 2021, 128, 250-261.	8.3	16
12	Influence of structure of benzodioxole derivatives on photoinitiation efficiency of benzophenone. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 1377.	2.9	15
13	Fast Thermo-responsive Poly(oligoethylene glycol methacrylate) (POEGMA)-Based Nanostructured Hydrogels for Reversible Tuning of Cell Interactions. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 4258-4268.	5.2	11
14	Fabricating Degradable Thermo-responsive Hydrogels on Multiple Length Scales via Reactive Extrusion, Microfluidics, Self-assembly, and Electrospinning. <i>Journal of Visualized Experiments</i> , 2018, .	0.3	7
15	Macroporous Hydrogels: Structured Macroporous Hydrogels: Progress, Challenges, and Opportunities (<i>Adv. Healthcare Mater.</i> 1/2018). <i>Advanced Healthcare Materials</i> , 2018, 7, 1870006.	7.6	6