

Jifu Mao

List of Publications by Year in Descending Order

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Version: 2024-04-27

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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.

27
papers

299
citations

11
h-index

16
g-index

31
ext. papers

437
ext. citations

7
avg, IF

3.58
L-index

#	Paper	IF	Citations
27	Turning industrial waste-flax noil into regenerated cellulose fiber electrodes for eco-friendly supercapacitors. <i>Industrial Crops and Products</i> , 2022 , 176, 114377	5.9	1
26	Conductive biomaterials for cardiac repair: A review. <i>Acta Biomaterialia</i> , 2021 , 139, 157-157	10.8	16
25	Flexible and free-standing pristine polypyrrole membranes with a nanotube structure for repeatable Cr(VI) ion removal. <i>Separation and Purification Technology</i> , 2021 , 258, 117981	8.3	12
24	A biocompatible polypyrrole membrane for biomedical applications.. <i>RSC Advances</i> , 2021 , 11, 16996-17006	9.6	5
23	Chitosan/gelatin-tannic acid decorated porous tape suture with multifunctionality for tendon healing. <i>Carbohydrate Polymers</i> , 2021 , 268, 118246	10.3	3
22	Ultra-low temperature flexible supercapacitor based on hierarchically structured pristine polypyrrole membranes. <i>Chemical Engineering Journal</i> , 2021 , 420, 129712	14.7	12
21	Electroactive and antibacterial surgical sutures based on chitosan-gelatin/tannic acid/polypyrrole composite coating. <i>Composites Part B: Engineering</i> , 2021 , 223, 109140	10	9
20	Construction and application of textile-based tissue engineering scaffolds: a review. <i>Biomaterials Science</i> , 2020 , 8, 3574-3600	7.4	28
19	Homogeneous organic/inorganic hybrid scaffolds with high osteoinductive activity for bone tissue engineering. <i>Polymer Testing</i> , 2020 , 91, 106798	4.5	4
18	Bamboo-inspired lightweight tape suture with hollow and porous structure for tendon repair. <i>Materials and Design</i> , 2020 , 193, 108843	8.1	6
17	Limb salvage after aneurysmal degeneration of a cryopreserved vein allograft: Searching the autologous veins of the arm is worth the effort. <i>Morphologie</i> , 2020 , 104, 202-213	0.9	0
16	Surface modification by assembling: a modular approach based on the match in nanostructures. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 755-762	7.3	3
15	Donkey pericardium compares favorably with commercial xenopericardia used in the manufacture of transcatheter heart valves. <i>Artificial Organs</i> , 2019 , 43, 976-987	2.6	5
14	Long-term anticoagulation and selective cells adhesion surface via combination of covalent grafting and layer by layer assembly. <i>Biomedical Materials (Bristol)</i> , 2019 , 14, 065012	3.5	3
13	Surface treatment with amino acids of porous collagen based scaffolds to improve cell adhesion and proliferation. <i>Canadian Journal of Chemical Engineering</i> , 2018 , 96, 2236-2242	2.3	1
12	Polypyrrole as Electrically Conductive Biomaterials: Synthesis, Biofunctionalization, Potential Applications and Challenges. <i>Advances in Experimental Medicine and Biology</i> , 2018 , 1078, 347-370	3.6	12
11	Transcatheter Heart Valve Crimping and Expansion: Commentary. <i>Journal of Medical & Surgical Pathology</i> , 2017 , 02,	0	2

10	Conductive Polymer Waving in Liquid Nitrogen. <i>ACS Nano</i> , 2017 , 11, 10409-10416	16.7	16
9	One-step reactivity-driven synthesis of core-shell structured electrically conducting particles for biomedical applications. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 5429-5436	7.3	5
8	Conductive poly(pyrrole-co-(1-(2-carboxyethyl)pyrrole)) core-shell particles: Synthesis, characterization, and optimization. <i>Polymer</i> , 2016 , 105, 113-123	3.9	3
7	Enhanced osteogenic differentiation of mesenchymal stem cells on poly(L-lactide) nanofibrous scaffolds containing carbon nanomaterials. <i>Journal of Biomedical Materials Research - Part A</i> , 2015 , 103, 1424-35	5.4	61
6	Chitosan-Coated Collagen Membranes Promote Chondrocyte Adhesion, Growth, and Interleukin-6 Secretion. <i>Materials</i> , 2015 , 8, 7673-7689	3.5	12
5	Macroporous and nanofibrous PLLA scaffolds reinforced with calcium phosphate-coated multiwalled carbon nanotubes. <i>Materials Letters</i> , 2014 , 128, 238-241	3.3	16
4	Osteocompatibility evaluation of poly(glycine ethyl ester-co-alanine ethyl ester)phosphazene with honeycomb-patterned surface topography. <i>Journal of Biomedical Materials Research - Part A</i> , 2013 , 101, 307-17	5.4	31
3	Macroporous and nanofibrous poly(lactide-co-glycolide)(50/50) scaffolds via phase separation combined with particle-leaching. <i>Materials Science and Engineering C</i> , 2012 , 32, 1407-14	8.3	27
2	PREPARATION OF POLYPHOSPHAZENE MICROPARTICLES VIA ELECTROSPRAY. <i>Acta Polymerica Sinica</i> , 2010 , 010, 125-130		1
1	Pistia-Inspired Photothermal Fabric based on Waste Carbon Fiber for Low-Cost Vapor Generation: An Industrialization Route. <i>Advanced Functional Materials</i> , 2201922	15.6	3