Jifu Mao

List of Publications by Citations

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	Enhanced osteogenic differentiation of mesenchymal stem cells on poly(L-lactide) nanofibrous scaffolds containing carbon nanomaterials. *Journal of Biomedical Materials Research - Part A*, **2015**, 103, 1424-35	5.4	61
26	Osteocompatibility evaluation of poly(glycine ethyl ester-co-alanine ethyl ester)phosphazene with honeycomb-patterned surface topography. *Journal of Biomedical Materials Research - Part A*, **2013**, 101, 307-17	5.4	31
25	Construction and application of textile-based tissue engineering scaffolds: a review. *Biomaterials Science*, **2020**, 8, 3574-3600	7.4	28
24	Macroporous and nanofibrous poly(lactide-co-glycolide)(50/50) scaffolds via phase separation combined with particle-leaching. *Materials Science and Engineering C*, **2012**, 32, 1407-14	8.3	27
23	Macroporous and nanofibrous PLLA scaffolds reinforced with calcium phosphate-coated multiwalled carbon nanotubes. *Materials Letters*, **2014**, 128, 238-241	3.3	16
22	Conductive Polymer Waving in Liquid Nitrogen. *ACS Nano*, **2017**, 11, 10409-10416	16.7	16
21	Conductive biomaterials for cardiac repair: A review. *Acta Biomaterialia*, **2021**, 139, 157-157	10.8	16
20	Chitosan-Coated Collagen Membranes Promote Chondrocyte Adhesion, Growth, and Interleukin-6 Secretion. *Materials*, **2015**, 8, 7673-7689	3.5	12
19	Flexible and free-standing pristine polypyrrole membranes with a nanotube structure for repeatable Cr(VI) ion removal. *Separation and Purification Technology*, **2021**, 258, 117981	8.3	12
18	Polypyrrole as Electrically Conductive Biomaterials: Synthesis, Biofunctionalization, Potential Applications and Challenges. *Advances in Experimental Medicine and Biology*, **2018**, 1078, 347-370	3.6	12
17	Ultra-low temperature flexible supercapacitor based on hierarchically structured pristine polypyrrole membranes. *Chemical Engineering Journal*, **2021**, 420, 129712	14.7	12
16	Electroactive and antibacterial surgical sutures based on chitosan-gelatin/tannic acid/polypyrrole composite coating. *Composites Part B: Engineering*, **2021**, 223, 109140	10	9
15	Bamboo-inspired lightweight tape suture with hollow and porous structure for tendon repair. *Materials and Design*, **2020**, 193, 108843	8.1	6
14	Donkey pericardium compares favorably with commercial xenopericardia used in the manufacture of transcatheter heart valves. *Artificial Organs*, **2019**, 43, 976-987	2.6	5
13	One-step reactivity-driven synthesis of core-shell structured electrically conducting particles for biomedical applications. *Journal of Materials Chemistry B*, **2016**, 4, 5429-5436	7.3	5
12	A biocompatible polypyrrole membrane for biomedical applications.. *RSC Advances*, **2021**, 11, 16996-17006	3.9	5
11	Homogeneous organic/inorganic hybrid scaffolds with high osteoinductive activity for bone tissue engineering. *Polymer Testing*, **2020**, 91, 106798	4.5	4

10	Surface modification by assembling: a modular approach based on the match in nanostructures. *Journal of Materials Chemistry B*, **2019**, 7, 755-762	7.3	3
9	Conductive poly(pyrrole-co-(1-(2-carboxyethyl)pyrrole)) core-shell particles: Synthesis, characterization, and optimization. *Polymer*, **2016**, 105, 113-123	3.9	3
8	Long-term anticoagulation and selective cells adhesion surface via combination of covalent grafting and layer by layer assembly. *Biomedical Materials (Bristol)*, **2019**, 14, 065012	3.5	3
7	Chitosan/gelatin-tannic acid decorated porous tape suture with multifunctionality for tendon healing. *Carbohydrate Polymers*, **2021**, 268, 118246	10.3	3
6	Pistia-Inspired Photothermal Fabric based on Waste Carbon Fiber for Low-Cost Vapor Generation: An Industrialization Route. *Advanced Functional Materials*,2201922	15.6	3
5	Transcatheter Heart Valve Crimping and Expansion: Commentary. *Journal of Medical & Surgical Pathology*, **2017**, 02,	0	2
4	Surface treatment with amino acids of porous collagen based scaffolds to improve cell adhesion and proliferation. *Canadian Journal of Chemical Engineering*, **2018**, 96, 2236-2242	2.3	1
3	Turning industrial waste-flax noil into regenerated cellulose fiber electrodes for eco-friendly supercapacitors. *Industrial Crops and Products*, **2022**, 176, 114377	5.9	1
2	PREPARATION OF POLYPHOSPHAZENE MICROPARTICLES VIA ELECTROSPRAY. *Acta Polymerica Sinica*, **2010**, 010, 125-130		1
1	Limb salvage after aneurysmal degeneration of a cryopreserved vein allograft: Searching the autologous veins of the arm is worth the effort. *Morphologie*, **2020**, 104, 202-213	0.9	0