

Sihao Chen

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

699
citations

687363

13
h-index

752698

20
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21
all docs

21
docs citations

21
times ranked

1196
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrospun collagen-chitosan-TPU nanofibrous scaffolds for tissue engineered tubular grafts. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011, 82, 307-315.	5.0	201
2	Synthesis of RGD-peptide modified poly(ester-urethane) urea electrospun nanofibers as a potential application for vascular tissue engineering. <i>Chemical Engineering Journal</i> , 2017, 315, 177-190.	12.7	77
3	Graphene's cousin: the present and future of graphane. <i>Nanoscale Research Letters</i> , 2014, 9, 26.	5.7	73
4	Mesoporous silica nanoparticles/gelatin porous composite scaffolds with localized and sustained release of vancomycin for treatment of infected bone defects. <i>Journal of Materials Chemistry B</i> , 2018, 6, 740-752.	5.8	62
5	Mechanical matching nanofibrous vascular scaffold with effective anticoagulation for vascular tissue engineering. <i>Composites Part B: Engineering</i> , 2020, 186, 107788.	12.0	43
6	A Method for Preparation of an Internal Layer of Artificial Vascular Graft Co-Modified with Salvianolic Acid B and Heparin. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 19365-19372.	8.0	42
7	Incorporation of amoxicillin-loaded organic montmorillonite into poly(ester-urethane) urea nanofibers as a functional tissue engineering scaffold. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 151, 314-323.	5.0	35
8	Facile preparation of a controlled-release tubular scaffold for blood vessel implantation. <i>Journal of Colloid and Interface Science</i> , 2019, 539, 351-360.	9.4	28
9	Crimped nanofiber scaffold mimicking tendon-to-bone interface for fatty-infiltrated massive rotator cuff repair. <i>Bioactive Materials</i> , 2022, 16, 149-161.	15.6	24
10	A bi-layered tubular scaffold for effective anti-coagulant in vascular tissue engineering. <i>Materials and Design</i> , 2020, 194, 108943.	7.0	20
11	A fabric reinforced small diameter tubular graft for rabbits' carotid artery defect. <i>Composites Part B: Engineering</i> , 2021, 225, 109274.	12.0	16
12	Microencapsulation of capsaicin by solvent evaporation method and thermal stability study of microcapsules. <i>Colloid Journal</i> , 2013, 75, 26-33.	1.3	15
13	Flurbiprofen axetil loaded coaxial electrospun poly(vinyl Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 267 Td (pyrrolidone) nanofiber characterization, and anti-adhesion activity. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	15
14	Synthesis and characterization of flurbiprofen axetil-loaded electrospun MgAl-LDHs/poly(lactic-co-glycolic acid) composite nanofibers. <i>RSC Advances</i> , 2015, 5, 69423-69429.	3.6	12
15	A facile approach for the fabrication of nano-attapulgite/poly(vinyl pyrrolidone)/biopolymers core-sheath ultrafine fibrous mats for drug controlled release. <i>RSC Advances</i> , 2016, 6, 49817-49823.	3.6	12
16	Magnolol Hybrid Nanofibrous Mat with Antibacterial, Anti-Inflammatory, and Microvascularized Properties for Wound Treatment. <i>Biomacromolecules</i> , 2022, 23, 1124-1137.	5.4	12
17	Preparation of Inorganic-Organic Framework Nanoscale Carriers as a Potential Platform for Drug Delivery. <i>Advanced Engineering Materials</i> , 2019, 21, 1800626.	3.5	4
18	A Nanofiber Mat With Dual Bioactive Components and a Biomimetic Matrix Structure for Improving Osteogenesis Effect. <i>Frontiers in Chemistry</i> , 2021, 9, 740191.	3.6	3

#	ARTICLE	IF	CITATIONS
19	Microporous Spongy Scaffolds Based on Biodegradable Elastic Polyurethanes for the Migration and Growth of Host Cells. ACS Applied Polymer Materials, 2022, 4, 3942-3951.	4.4	3
20	Hydrogel-assisted delivery of lipophilic molecules into aqueous medium for transdermal medication based on environment-specific, regioselective adsorption of graphene oxides. Journal of Materials Chemistry B, 2021, 9, 1804-1810.	5.8	2