

Juan Wang

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

698
citations

623188

14
h-index

752256

20
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23
all docs

23
docs citations

23
times ranked

1042
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication of channeled scaffolds through polyelectrolyte complex (PEC) printed sacrificial templates for tissue formation. <i>Bioactive Materials</i> , 2022, 17, 261-275.	8.6	12
2	Photoredox catalyzed C-H trifluoroethylation of heteroarenes. <i>Chemical Communications</i> , 2022, 58, 1346-1349.	2.2	10
3	General Synthesis of <i>N</i> -Trifluoromethyl Compounds with <i>N</i> -Trifluoromethyl Hydroxylamine Reagents. <i>Journal of the American Chemical Society</i> , 2022, 144, 1962-1970.	6.6	34
4	Synthesis of ArCF ₂ X and [¹⁸ F]Ar-CF ₃ via Cleavage of the Trifluoromethylsulfonyl Group. <i>Organic Letters</i> , 2022, 24, 164-168.	2.4	13
5	Tenogenic adipose-derived stem cell sheets with nanoyarn scaffolds for tendon regeneration. <i>Materials Science and Engineering C</i> , 2021, 119, 111506.	3.8	25
6	Dynamic action of keratinase on wool fibre tracked by FITC-labelled enzyme. <i>Biocatalysis and Biotransformation</i> , 2021, 39, 214-220.	1.1	4
7	Biomimetic and hierarchical nerve conduits from multifunctional nanofibers for guided peripheral nerve regeneration. <i>Acta Biomaterialia</i> , 2020, 117, 180-191.	4.1	50
8	Reduced Graphene Oxide-Encapsulated Microfiber Patterns Enable Controllable Formation of Neuronal-Like Networks. <i>Advanced Materials</i> , 2020, 32, e2004555.	11.1	49
9	Silk fibroin/poly(L-lactic acid-co-ε-caprolactone) electrospun nanofibrous scaffolds exert a protective effect following myocardial infarction. <i>Experimental and Therapeutic Medicine</i> , 2019, 17, 3989-3998.	0.8	6
10	Enhancement of Schwann Cells Function Using Graphene-Oxide-Modified Nanofiber Scaffolds for Peripheral Nerve Regeneration. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 2444-2456.	2.6	54
11	In vitro and in vivo studies of electroactive reduced graphene oxide-modified nanofiber scaffolds for peripheral nerve regeneration. <i>Acta Biomaterialia</i> , 2019, 84, 98-113.	4.1	174
12	Fabrication and characterization of TGF-β1-loaded electrospun poly (lactic-co-glycolic acid) core-sheath sutures. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 161, 331-338.	2.5	28
13	Dual-layer aligned-random nanofibrous scaffolds for improving gradient microstructure of tendon-to-bone healing in a rabbit extra-articular model. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 3481-3492.	3.3	57
14	Fabrication and characterization of <i>Antheraea pernyi</i> silk fibroin-blended P(LLA-CL) nanofibrous scaffolds for peripheral nerve tissue engineering. <i>Frontiers of Materials Science</i> , 2017, 11, 22-32.	1.1	17
15	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.	2.5	35
16	Evaluation of the potential of kartogenin encapsulated poly(L-lactic acid-co-caprolactone)/collagen nanofibers for tracheal cartilage regeneration. <i>Journal of Biomaterials Applications</i> , 2017, 32, 331-341.	1.2	29
17	Natural Non-Mulberry Silk Nanoparticles for Potential-Controlled Drug Release. <i>International Journal of Molecular Sciences</i> , 2016, 17, 2012.	1.8	17
18	A facile approach for the fabrication of nano-attapulgitite/poly(vinyl pyrrolidone)/biopolymers core-sheath ultrafine fibrous mats for drug controlled release. <i>RSC Advances</i> , 2016, 6, 49817-49823.	1.7	12

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19	Fabrication of poly(ester-urethane)urea elastomer/gelatin electrospun nanofibrous membranes for potential applications in skin tissue engineering. RSC Advances, 2016, 6, 73636-73644.	1.7	23
20	lon-induced fabrication of silk fibroin nanoparticles from Chinese oak tasar <i>Antheraea pernyi</i> . International Journal of Biological Macromolecules, 2015, 79, 316-325.	3.6	33
21	<i>Antheraea pernyi</i>; Silk Fibroin Nanoparticles for Drug Delivery. Journal of Nano Research, 0, 27, 75-81.	0.8	12
22	<i>Antheraea pernyi</i>; Silk Fibroin Microspheres Carried Lysozyme. Advanced Materials Research, 0, 915-916, 875-878.	0.3	3
23	Improvement in dyeing and physical properties of wool fabrics through pretreatment based on the bacterial culture of <i>Stenotrophomonas maltophilia</i> DHHJ. Textile Reseach Journal, 0, , 004051752211062.	1.1	1