Kuihua Zhang

List of Publications by Year
in descending order

18	1,134	623574	839398
papers	citations	14 h-index	18 g-index

18	18	18	1874
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Aligned PLLA nanofibrous scaffolds coated with graphene oxide for promoting neural cell growth. Acta Biomaterialia, 2016, 37, 131-142.	4.1	223
2	The aligned coreâ€“sheath nanofibers with electrical conductivity for neural tissue engineering. Journal of Materials Chemistry B, 2014, 2, 7945-7954.	2.9	130
3	Vitamin E-loaded silk fibroin nanofibrous mats fabricated by green process for skin care application. International Journal of Biological Macromolecules, 2013, 56, 49-56.	3.6	117
4	Nanofiber arrangement regulates peripheral nerve regeneration through differential modulation of macrophage phenotypes. Acta Biomaterialia, 2019, 83, 291-301.	4.1	116
5	Genipinâ€crosslinked silk fibroin/hydroxybutyl chitosan nanofibrous scaffolds for tissueâ€engineering application. Journal of Biomedical Materials Research - Part A, 2010, 95A, 870-881.	2.1	106
6	Fabrication of silk fibroin blended P(LLAâ€CL) nanofibrous scaffolds for tissue engineering. Journal of Biomedical Materials Research - Part A, 2010, 93A, 984-993.	2.1	75
7	Vitamin C-reinforcing silk fibroin nanofibrous matrices for skin care application. RSC Advances, 2012, 2, 4110.	1.7	61
8	Silk fibroin enhances peripheral nerve regeneration by improving vascularization within nerve conduits. Journal of Biomedical Materials Research - Part A, 2018, 106, 2070-2077.	2.1	56
9	Heparin/collagen encapsulating nerve growth factor multilayers coated aligned PLLA nanofibrous scaffolds for nerve tissue engineering. Journal of Biomedical Materials Research - Part A, 2017, 105, 1900-1910.	2.1	44
10	Degradation of electrospun SF/P(LLA-CL) blended nanofibrous scaffolds inÂvitro. Polymer Degradation and Stability, 2011, 96, 2266-2275.	2.7	40
11	Electrospun scaffolds from silk fibroin and their cellular compatibility. Journal of Biomedical Materials Research - Part A, 2010, 93A, 976-983.	2.1	34
12	Graphene oxide coated shell-core structured chitosan/PLLA nanofibrous scaffolds for wound dressing. Journal of Biomaterials Science, Polymer Edition, 2020, 31, 622-641.	1.9	32
13	Electrospun Silk Fibroinâ€“Hydroxybutyl Chitosan Nanofibrous Scaffolds to Biomimic Extracellular Matrix. Journal of Biomaterials Science, Polymer Edition, 2011, 22, 1069-1082.	1.9	29
14	Fabrication of Silk Fibroin/P(LLAâ€CL) Aligned Nanofibrous Scaffolds for Nerve Tissue Engineering. Macromolecular Materials and Engineering, 2013, 298, 565-574.	1.7	29
15	In Situ Prevascularization Strategy with Three-Dimensional Porous Conduits for Neural Tissue Engineering. ACS Applied Materials & Interfaces, 2021, 13, 50785-50801.	4.0	15
16	In situ deposition of nano Cu2O on electrospun chitosan nanofibrous scaffolds and their antimicrobial properties. International Journal of Biological Macromolecules, 2021, 191, 600-607.	3.6	10
17	Fabrication of a fastâ€swelling superabsorbent resin by inverse suspension polymerization. Journal of Applied Polymer Science, 2018, 135, 46142.	1.3	9
18	Green electrospun nanocuprous oxideâ€“poly(ethylene oxide)â€“silk fibroin composite nanofibrous scaffolds for antibacterial dressings. Journal of Applied Polymer Science, 2019, 136, 47730.	1.3	8