

Junquan Lin

List of Publications by Year in Descending Order

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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.

16
papers

308
citations

8
h-index

17
g-index

19
ext. papers

385
ext. citations

8.1
avg. IF

3.36
L-index

#	Paper	IF	Citations
16	Delivery of Wnt inhibitor WIF1 via engineered polymeric microspheres promotes nerve regeneration after sciatic nerve crush.. <i>Journal of Tissue Engineering</i> , 2022 , 13, 20417314221087417	7.5	0
15	Neural Cell Membrane-Coated Nanoparticles for Targeted and Enhanced Uptake by Central Nervous System Cells. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 55840-55850	9.5	2
14	Cell Membrane-Coated Electrospun Fibers Enhance Keratinocyte Growth through Cell-Type Specific Interactions.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 4079-4083	4.1	4
13	A 3D Fiber-Hydrogel Based Non-Viral Gene Delivery Platform Reveals that microRNAs Promote Axon Regeneration and Enhance Functional Recovery Following Spinal Cord Injury. <i>Advanced Science</i> , 2021 , 8, e2100805	13.6	7
12	Oriented and sustained protein expression on biomimicking electrospun fibers for evaluating functionality of cells. <i>Materials Science and Engineering C</i> , 2021 , 118, 111407	8.3	2
11	Modulating Macrophage Phenotype by Sustained MicroRNA Delivery Improves Host-Implant Integration. <i>Advanced Healthcare Materials</i> , 2020 , 9, e1901257	10.1	11
10	RNA interference in glial cells for nerve injury treatment. <i>Journal of Tissue Engineering</i> , 2020 , 11, 2041731420939224	7.5	3
9	Biomimicking Fiber Platform with Tunable Stiffness to Study Mechanotransduction Reveals Stiffness Enhances Oligodendrocyte Differentiation but Impedes Myelination through YAP-Dependent Regulation. <i>Small</i> , 2020 , 16, e2003656	11	11
8	Regenerative rehabilitation: exploring the synergistic effects of rehabilitation and implantation of a bio-functional scaffold in enhancing nerve regeneration. <i>Biomaterials Science</i> , 2019 , 7, 5150-5160	7.4	5
7	Scaffold-Mediated Sustained, Non-viral Delivery of miR-219/miR-338 Promotes CNS Remyelination. <i>Molecular Therapy</i> , 2019 , 27, 411-423	11.7	29
6	A Developmental Rehabilitation Robotic System for a Rat With Complete Thoracic Spinal Cord Injury in Quadruped Posture. <i>IEEE Robotics and Automation Letters</i> , 2018 , 3, 2109-2115	4.2	4
5	Microfiber drug/gene delivery platform for study of myelination. <i>Acta Biomaterialia</i> , 2018 , 75, 152-160	10.8	18
4	Sustained delivery of siRNA/mesoporous silica nanoparticle complexes from nanofiber scaffolds for long-term gene silencing. <i>Acta Biomaterialia</i> , 2018 , 76, 164-177	10.8	60
3	Scaffold mediated gene knockdown for neuronal differentiation of human neural progenitor cells. <i>Biomaterials Science</i> , 2018 , 6, 3019-3029	7.4	12
2	Three-dimensional aligned nanofibers-hydrogel scaffold for controlled non-viral drug/gene delivery to direct axon regeneration in spinal cord injury treatment. <i>Scientific Reports</i> , 2017 , 7, 42212	4.9	107
1	Three-Dimensional Nanofiber Hybrid Scaffold Directs and Enhances Axonal Regeneration after Spinal Cord Injury. <i>ACS Biomaterials Science and Engineering</i> , 2016 , 2, 1319-1329	5.5	32