Junquan Lin

List of Publications by Citations

16	308	8	17
papers	citations	h-index	g-index
19	385	8.1	3.36
ext. papers	ext. citations	avg, IF	L-index

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