Liangliang Huang

List of Publications by Year
in descending order

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21	627	567281 15	713466 21
papers	citations	h-index	g-index

21	21	21	1131
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A compound scaffold with uniform longitudinally oriented guidance cues and a porous sheath promotes peripheral nerve regeneration in vivo. Acta Biomaterialia, 2018, 68, 223-236.	8.3	97
2	Noncovalent Bonding of RGD and YIGSR to an Electrospun Poly(Îµâ€Caprolactone) Conduit through Peptide Selfâ€Assembly to Synergistically Promote Sciatic Nerve Regeneration in Rats. Advanced Healthcare Materials, 2017, 6, 1600860.	7.6	66
3	c-Jun Gene-Modified Schwann Cells: Upregulating Multiple Neurotrophic Factors and Promoting Neurite Outgrowth. Tissue Engineering - Part A, 2015, 21, 1409-1421.	3.1	57
4	Mechanical stimulation of Schwann cells promote peripheral nerve regeneration via extracellular vesicle-mediated transfer of microRNA 23b-3p. Theranostics, 2020, 10, 8974-8995.	10.0	47
5	A magnetically responsive nanocomposite scaffold combined with Schwann cells promotes sciatic nerve regeneration upon exposure to magnetic field. International Journal of Nanomedicine, 2017, Volume 12, 7815-7832.	6.7	42
6	Adipose-Derived Stromal Cells Protect Intervertebral Disc Cells in Compression: Implications for Stem Cell Regenerative Disc Therapy. International Journal of Biological Sciences, 2015, 11, 133-143.	6.4	40
7	Effect of perfluorotributylamine-enriched alginate on nucleus pulposus cell: Implications for intervertebral disc regeneration. Biomaterials, 2016, 82, 34-47.	11.4	38
8	Activation of Schwann cells in vitro by magnetic nanocomposites via applied magnetic field. International Journal of Nanomedicine, 2015, 10, 43.	6.7	34
9	Extracellular Vesicles Derived From Olfactory Ensheathing Cells Promote Peripheral Nerve Regeneration in Rats. Frontiers in Cellular Neuroscience, 2019, 13, 548.	3.7	27
10	Timeâ€restricted release of multiple neurotrophic factors promotes axonal regeneration and functional recovery after peripheral nerve injury. FASEB Journal, 2019, 33, 8600-8613.	0.5	24
11	Fabrication of 3D Scaffolds Displaying Biochemical Gradients along Longitudinally Oriented Microchannels for Neural Tissue Engineering. ACS Applied Materials & Interfaces, 2020, 12, 48380-48394.	8.0	22
12	Superparamagnetic Iron Oxide Nanoparticle-Mediated Forces Enhance the Migration of Schwann Cells Across the Astrocyte-Schwann Cell Boundary In vitro. Frontiers in Cellular Neuroscience, 2017, 11, 83.	3.7	21
13	Manipulation of Schwann cell migration across the astrocyte boundary by polysialyltransferase-loaded superparamagnetic nanoparticles under magnetic field. International Journal of Nanomedicine, 2016, Volume 11, 6727-6741.	6.7	20
14	Adiponectin Downregulates TNF-Î± Expression in Degenerated Intervertebral Discs. Spine, 2018, 43, E381-E389.	2.0	20
15	Magnetic Field Promotes Migration of Schwann Cells with Chondroitinase ABC (ChABC)-Loaded Superparamagnetic Nanoparticles Across Astrocyte Boundary in vitro . International Journal of Nanomedicine, 2020, Volume 15, 315-332.	6.7	17
16	Enhancedin vivosurvival of Schwann cells by a synthetic oxygen carrier promotes sciatic nerve regeneration and functional recovery. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, e177-e189.	2.7	16
17	Potential Mechanism of Neurite Outgrowth Enhanced by Electrical Stimulation: Involvement of MicroRNA-363-5p Targeting DCLK1 Expression in Rat. Neurochemical Research, 2017, 42, 513-525.	3.3	14
18	Facilitated Neural Differentiation of Adipose Tissueâ€"Derived Stem Cells by Electrical Stimulation and Nurr-1 Gene Transduction. Cell Transplantation, 2016, 25, 1177-1191.	2.5	12

#	Article	IF	Citations
19	Circadian Rhythm Influences the Promoting Role of Pulsed Electromagnetic Fields on Sciatic Nerve Regeneration in Rats. Frontiers in Neurology, 2017, 8, 101.	2.4	8
20	Experimental immunological demyelination enhances regeneration in autograft-repaired long peripheral nerve gaps. Scientific Reports, 2016, 6, 39828.	3.3	3
21	Comparison of monoplanar and polyaxial screw fixation systems in percutaneous intermediate fixation for thoracolumbar fractures. BMC Musculoskeletal Disorders, 2022, 23, 172.	1.9	2