

Shang Song

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

648
citations

759190

12
h-index

888047

17
g-index

20
all docs

20
docs citations

20
times ranked

1023
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrical modulation of transplanted stem cells improves functional recovery in a rodent model of stroke. <i>Nature Communications</i> , 2022, 13, 1366.	12.8	11
2	Elastin-like Proteins to Support Peripheral Nerve Regeneration in Guidance Conduits. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 4209-4220.	5.2	16
3	Electrical stimulation of human neural stem cells via conductive polymer nerve guides enhances peripheral nerve recovery. <i>Biomaterials</i> , 2021, 275, 120982.	11.4	39
4	Morphing electronics enable neuromodulation in growing tissue. <i>Nature Biotechnology</i> , 2020, 38, 1031-1036.	17.5	174
5	Controlling properties of human neural progenitor cells using 2D and 3D conductive polymer scaffolds. <i>Scientific Reports</i> , 2019, 9, 19565.	3.3	37
6	Electrically Conductive Scaffold to Modulate and Deliver Stem Cells. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	7
7	Glucose-Stimulated Insulin Response of Silicon Nanopore-Immunoprotected Islets under Convective Transport. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 1051-1061.	5.2	5
8	An intravascular bioartificial pancreas device (iBAP) with silicon nanopore membranes (SNM) for islet encapsulation under convective mass transport. <i>Lab on A Chip</i> , 2017, 17, 1778-1792.	6.0	42
9	Conductive polymer scaffolds to improve neural recovery. <i>Neural Regeneration Research</i> , 2017, 12, 1976.	3.0	35
10	Silicon nanopore membrane (SNM) for islet encapsulation and immunoisolation under convective transport. <i>Scientific Reports</i> , 2016, 6, 23679.	3.3	40
11	Progress and challenges in macroencapsulation approaches for type 1 diabetes (T1D) treatment: Cells, biomaterials, and devices. <i>Biotechnology and Bioengineering</i> , 2016, 113, 1381-1402.	3.3	74
12	The synergistic effect of micro-topography and biochemical culture environment to promote angiogenesis and osteogenic differentiation of human mesenchymal stem cells. <i>Acta Biomaterialia</i> , 2015, 18, 100-111.	8.3	35
13	Self-assembled rosette nanotubes for incorporating hydrophobic drugs in physiological environments. <i>International Journal of Nanomedicine</i> , 2011, 6, 101.	6.7	48
14	Self-assembled rosette nanotubes encapsulate and slowly release dexamethasone. <i>International Journal of Nanomedicine</i> , 2011, 6, 1035.	6.7	40
15	Controlled Release of Tetracycline-HCl from Halloysite-Polymer Composite Films. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 6641-6649.	0.9	40
16	A novel drug delivery device for orthopedic applications. , 2010, , .		0
17	Drug Deliverable, Self-assembled Rosette Nanotubes (RNTs) for Orthopedic Applications. <i>Materials Research Society Symposia Proceedings</i> , 2009, 1209, 1.	0.1	0
18	Studies of controlled release of drug from Helical Rosette Nanotubes (HRN). , 2009, , .		0