## Shang Song

List of Publications by Year in descending order

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SHANC SONG

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

18 Studies of controlled release of drug from Helical Rosette Nanotubes (HRN). , 2009, , .