Liqing Song

List of Publications by Year
in descending order

22 papers	814 citations	706676 14 h-index	759306 22 g-index
22 all docs	22 docs citations	22 times ranked	1407 citing authors

#	Article	IF	Citations
1	Heparan Sulfate Proteoglycans (HSPGs) Serve as the Mediator Between Monomeric Tau and Its Subsequent Intracellular ERK1/2 Pathway Activation. Journal of Molecular Neuroscience, 2022, 72, 772-791.	1.1	12
2	Cerebellar Differentiation from Human Stem Cells Through Retinoid, Wnt, and Sonic Hedgehog Pathways. Tissue Engineering - Part A, 2021, 27, 881-893.	1.6	15
3	Critical Molecular and Cellular Contributors to Tau Pathology. Biomedicines, 2021, 9, 190.	1.4	26
4	Human Stem Cell-derived Aggregates of Forebrain Astroglia Respond to Amyloid Beta Oligomers. Tissue Engineering - Part A, 2020, 26, 527-542.	1.6	6
5	Media supplementation for targeted manipulation of monoclonal antibody galactosylation and fucosylation. Biotechnology and Bioengineering, 2020, 117, 3310-3321.	1.7	7
6	Nuclear translocation of the unliganded glucocorticoid receptor is influenced by membrane fluidity, but not A2AR agonism. Steroids, 2020, 160, 108641.	0.8	2
7	Functionalization of Brain Region-specific Spheroids with Isogenic Microglia-like Cells. Scientific Reports, 2019, 9, 11055.	1.6	119
8	Assembly of Human Stem Cell-Derived Cortical Spheroids and Vascular Spheroids to Model 3-D Brain-like Tissues. Scientific Reports, 2019, 9, 5977.	1.6	104
9	Studying Heterotypic Cellâ€“Cell Interactions in the Human Brain Using Pluripotent Stem Cell Models for Neurodegeneration. Cells, 2019, 8, 299.	1.8	15
10	Genomics Analysis of Metabolic Pathways of Human Stem Cell-Derived Microglia-Like Cells and the Integrated Cortical Spheroids. Stem Cells International, 2019, 2019, 1-21.	1.2	24
11	Modeling Neurodegenerative Microenvironment Using Cortical Organoids Derived from Human Stem Cells. Tissue Engineering - Part A, 2018, 24, 1125-1137.	1.6	55
12	Wnt/Yes-Associated Protein Interactions During Neural Tissue Patterning of Human Induced Pluripotent Stem Cells. Tissue Engineering - Part A, 2018, 24, 546-558.	1.6	25
13	Derivation of Cortical Spheroids from Human Induced Pluripotent Stem Cells in a Suspension Bioreactor. Tissue Engineering - Part A, 2018, 24, 418-431.	1.6	35
14	Neural Differentiation of Spheroids Derived from Human Induced Pluripotent Stem Cellsâ€“Mesenchymal Stem Cells Coculture. Tissue Engineering - Part A, 2018, 24, 915-929.	1.6	19
15	Neuroprotective Activities of Heparin, Heparinase III, and Hyaluronic Acid on the Aî²42-Treated Forebrain Spheroids Derived from Human Stem Cells. ACS Biomaterials Science and Engineering, 2018, 4, 2922-2933.	2.6	25
16	Vascular differentiation from pluripotent stem cells in 3â€Đ auxetic scaffolds. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, 1679-1689.	1.3	21
17	PCL-PDMS-PCL Copolymer-Based Microspheres Mediate Cardiovascular Differentiation from Embryonic Stem Cells. Tissue Engineering - Part C: Methods, 2017, 23, 627-640.	1.1	16
18	Pluripotent stem cell expansion and neural differentiation in 3-D scaffolds of tunable Poissonâ€™s ratio. Acta Biomaterialia, 2017, 49, 192-203.	4.1	49

#	Article	IF	Citations
19	Nanotopography promoted neuronal differentiation of human induced pluripotent stem cells. Colloids and Surfaces B: Biointerfaces, 2016, 148, 49-58.	2.5	111
20	Wnt-YAP interactions in the neural fate of human pluripotent stem cells and the implications for neural organoid formation. Organogenesis, 2016, 12, 1-15.	0.4	13
21	Controlling Redox Status for Stem Cell Survival, Expansion, and Differentiation. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-14.	1.9	108
22	Generation of Neural Progenitor Spheres from Human Pluripotent Stem Cells in a Suspension Bioreactor. Methods in Molecular Biology, 2015, 1502, 119-128.	0.4	7