

Qiang Li

List of Publications by Year in descending order

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19
papers

733
citations

567281

15
h-index

794594

19
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22
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22
docs citations

22
times ranked

1135
citing authors

#	ARTICLE	IF	CITATIONS
1	Deeply Nesting Zinc Sulfide Dendrites in Tertiary Hierarchical Structure for Potassium Ion Batteries: Enhanced Conductivity from Interior to Exterior. <i>ACS Nano</i> , 2019, 13, 6906-6916.	14.6	139
2	Cyborg Organoids: Implantation of Nanoelectronics via Organogenesis for Tissue-Wide Electrophysiology. <i>Nano Letters</i> , 2019, 19, 5781-5789.	9.1	121
3	Rapid and highly sensitive detection of mercury ion (Hg ²⁺) by magnetic beads-based electrochemiluminescence assay. <i>Biosensors and Bioelectronics</i> , 2010, 26, 859-862.	10.1	60
4	ClusterMap for multi-scale clustering analysis of spatial gene expression. <i>Nature Communications</i> , 2021, 12, 5909.	12.8	47
5	Stretchable Mesh Nanoelectronics for 3D Single-Cell Chronic Electrophysiology from Developing Brain Organoids. <i>Advanced Materials</i> , 2022, 34, e2106829.	21.0	44
6	Three-dimensional tissues using human pluripotent stem cell spheroids as biofabrication building blocks. <i>Biofabrication</i> , 2017, 9, 025007.	7.1	34
7	Scalable Production of Glioblastoma Tumor-initiating Cells in 3 Dimension Thermoreversible Hydrogels. <i>Scientific Reports</i> , 2016, 6, 31915.	3.3	28
8	An Integrated Miniature Bioprocessing for Personalized Human Induced Pluripotent Stem Cell Expansion and Differentiation into Neural Stem Cells. <i>Scientific Reports</i> , 2017, 7, 40191.	3.3	28
9	Scalable and physiologically relevant microenvironments for human pluripotent stem cell expansion and differentiation. <i>Biofabrication</i> , 2018, 10, 025006.	7.1	28
10	Hydrogel-Based Bioprocess for Scalable Manufacturing of Human Pluripotent Stem Cell-Derived Neural Stem Cells. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 29238-29250.	8.0	28
11	Integrated generation of induced pluripotent stem cells in a low-cost device. <i>Biomaterials</i> , 2019, 189, 23-36.	11.4	28
12	Scalable Culturing of Primary Human Glioblastoma Tumor-Initiating Cells with a Cell-Friendly Culture System. <i>Scientific Reports</i> , 2018, 8, 3531.	3.3	27
13	Engineered Microenvironment for Manufacturing Human Pluripotent Stem Cell-Derived Vascular Smooth Muscle Cells. <i>Stem Cell Reports</i> , 2019, 12, 84-97.	4.8	25
14	A Scalable and Efficient Bioprocess for Manufacturing Human Pluripotent Stem Cell-Derived Endothelial Cells. <i>Stem Cell Reports</i> , 2018, 11, 454-469.	4.8	22
15	Automated Expansion of Primary Human T Cells in Scalable and Cell-Friendly Hydrogel Microtubes for Adoptive Immunotherapy. <i>Advanced Healthcare Materials</i> , 2018, 7, e1701297.	7.6	19
16	A simple and scalable hydrogel-based system for culturing protein-producing cells. <i>PLoS ONE</i> , 2018, 13, e0190364.	2.5	13
17	Manufacturing human pluripotent stem cell derived endothelial cells in scalable and cell-friendly microenvironments. <i>Biomaterials Science</i> , 2019, 7, 373-388.	5.4	12
18	A totally recombinant fibrin matrix for mesenchymal stem cell culture and delivery. <i>Journal of Biomedical Materials Research - Part A</i> , 2018, 106, 3135-3142.	4.0	9

#	ARTICLE	IF	CITATIONS
19	Differentiating human pluripotent stem cells into vascular smooth muscle cells in three dimensional thermoreversible hydrogels. <i>Biomaterials Science</i> , 2019, 7, 347-361.	5.4	7