

# Qiang Li

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/821223/publications.pdf>

Version: 2024-02-01

19  
papers

733  
citations

567281

15  
h-index

794594

19  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1135  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stretchable Mesh Nanoelectronics for 3D Single-Cell Chronic Electrophysiology from Developing Brain Organoids. <i>Advanced Materials</i> , 2022, 34, e2106829.	21.0	44
2	ClusterMap for multi-scale clustering analysis of spatial gene expression. <i>Nature Communications</i> , 2021, 12, 5909.	12.8	47
3	Cyborg Organoids: Implantation of Nanoelectronics via Organogenesis for Tissue-Wide Electrophysiology. <i>Nano Letters</i> , 2019, 19, 5781-5789.	9.1	121
4	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
5	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
6	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
7	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
8	Integrated generation of induced pluripotent stem cells in a low-cost device. <i>Biomaterials</i> , 2019, 189, 23-36.	11.4	28
9	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
10	Scalable and physiologically relevant microenvironments for human pluripotent stem cell expansion and differentiation. <i>Biofabrication</i> , 2018, 10, 025006.	7.1	28
11	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
12	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
13	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
14	Hydrogel-Based Bioprocess for Scalable Manufacturing of Human Pluripotent Stem Cell-Derived Neural Stem Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 29238-29250.	8.0	28
15	A simple and scalable hydrogel-based system for culturing protein-producing cells. <i>PLoS ONE</i> , 2018, 13, e0190364.	2.5	13
16	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
17	Three-dimensional tissues using human pluripotent stem cell spheroids as biofabrication building blocks. <i>Biofabrication</i> , 2017, 9, 025007.	7.1	34
18	Scalable Production of Glioblastoma Tumor-initiating Cells in 3 Dimension Thermoreversible Hydrogels. <i>Scientific Reports</i> , 2016, 6, 31915.	3.3	28

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19	Rapid and highly sensitive detection of mercury ion (Hg <sup>2+</sup> ) by magnetic beads-based electrochemiluminescence assay. <i>Biosensors and Bioelectronics</i> , 2010, 26, 859-862.	10.1	60