

Tongcheng Qian

List of Publications by Year in descending order

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17
papers

1,055
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567281

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#	ARTICLE	IF	CITATIONS
1	Modeling Psychomotor Retardation using iPSCs from MCT8-Deficient Patients Indicates a Prominent Role for the Blood-Brain Barrier. <i>Cell Stem Cell</i> , 2017, 20, 831-843.e5.	11.1	181
2	Directed differentiation of human pluripotent stem cells to blood-brain barrier endothelial cells. <i>Science Advances</i> , 2017, 3, e1701679.	10.3	177
3	Differentiation and characterization of human pluripotent stem cell-derived brain microvascular endothelial cells. <i>Methods</i> , 2016, 101, 93-102.	3.8	123
4	Long-term self-renewing human epicardial cells generated from pluripotent stem cells under defined xeno-free conditions. <i>Nature Biomedical Engineering</i> , 2017, 1, .	22.5	86
5	Neuronal Activity Regulates Blood-Brain Barrier Efflux Transport through Endothelial Circadian Genes. <i>Neuron</i> , 2020, 108, 937-952.e7.	8.1	86
6	Chemically-defined albumin-free differentiation of human pluripotent stem cells to endothelial progenitor cells. <i>Stem Cell Research</i> , 2015, 15, 122-129.	0.7	71
7	Micro/nano-fabrication technologies for cell biology. <i>Medical and Biological Engineering and Computing</i> , 2010, 48, 1023-1032.	2.8	57
8	Human pluripotent stem cell-derived epicardial progenitors can differentiate to endocardial-like endothelial cells. <i>Bioengineering and Translational Medicine</i> , 2017, 2, 191-201.	7.1	43
9	Directed differentiation and long-term maintenance of epicardial cells derived from human pluripotent stem cells under fully defined conditions. <i>Nature Protocols</i> , 2017, 12, 1890-1900.	12.0	40
10	Study and Application of a Linear Frequency~Thickness Relation for Surface-Initiated Atom Transfer Radical Polymerization in a Quartz Crystal Microbalance. <i>Macromolecules</i> , 2007, 40, 3090-3096.	4.8	37
11	Analysis of Cancer-Targeting Alkylphosphocholine Analogue Permeability Characteristics Using a Human Induced Pluripotent Stem Cell Blood~Brain Barrier Model. <i>Molecular Pharmaceutics</i> , 2016, 13, 3341-3349.	4.6	36
12	Superhydrophobic Poly(dimethylsiloxane) via Surface-Initiated Polymerization with Ultralow Initiator Density. <i>Macromolecules</i> , 2008, 41, 6641-6645.	4.8	31
13	Label-free imaging for quality control of cardiomyocyte differentiation. <i>Nature Communications</i> , 2021, 12, 4580.	12.8	27
14	Directed Differentiation of Human Pluripotent Stem Cells to Podocytes under Defined Conditions. <i>Scientific Reports</i> , 2019, 9, 2765.	3.3	25
15	Advances in microfluidic platforms for analyzing and regulating human pluripotent stem cells. <i>Current Opinion in Genetics and Development</i> , 2015, 34, 54-60.	3.3	18
16	Time-domain single photon-excited autofluorescence lifetime for label-free detection of T cell activation. <i>Optics Letters</i> , 2021, 46, 2168.	3.3	10
17	Adaptable pulsatile flow generated from stem cell-derived cardiomyocytes using quantitative imaging-based signal transduction. <i>Lab on A Chip</i> , 2020, 20, 3744-3756.	6.0	7