Tongcheng Qian

List of Publications by Year
in descending order

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17	1,055	567281 15	888059 17
papers	citations	h-index	g-index

21	21	21	1600
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Time-domain single photon-excited autofluorescence lifetime for label-free detection of T cell activation. Optics Letters, 2021, 46, 2168.	3.3	10
2	Label-free imaging for quality control of cardiomyocyte differentiation. Nature Communications, 2021, 12, 4580.	12.8	27
3	Neuronal Activity Regulates Blood-Brain Barrier Efflux Transport through Endothelial Circadian Genes. Neuron, 2020, 108, 937-952.e7.	8.1	86
4	Adaptable pulsatile flow generated from stem cell-derived cardiomyocytes using quantitative imaging-based signal transduction. Lab on A Chip, 2020, 20, 3744-3756.	6.0	7
5	Directed Differentiation of Human Pluripotent Stem Cells to Podocytes under Defined Conditions. Scientific Reports, 2019, 9, 2765.	3.3	25
6	Modeling Psychomotor Retardation using iPSCs from MCT8-Deficient Patients Indicates a Prominent Role for the Blood-Brain Barrier. Cell Stem Cell, 2017, 20, 831-843.e5.	11.1	181
7	Human pluripotent stem cellâ€derived epicardial progenitors can differentiate to endocardialâ€like endothelial cells. Bioengineering and Translational Medicine, 2017, 2, 191-201.	7.1	43
8	Long-term self-renewing human epicardial cells generated from pluripotent stem cells under defined xeno-free conditions. Nature Biomedical Engineering, 2017, 1, .	22.5	86
9	Directed differentiation and long-term maintenance of epicardial cells derived from human pluripotent stem cells under fully defined conditions. Nature Protocols, 2017, 12, 1890-1900.	12.0	40
10	Directed differentiation of human pluripotent stem cells to blood-brain barrier endothelial cells. Science Advances, 2017, 3, e1701679.	10.3	177
11	Analysis of Cancer-Targeting Alkylphosphocholine Analogue Permeability Characteristics Using a Human Induced Pluripotent Stem Cell Bloodâ€“Brain Barrier Model. Molecular Pharmaceutics, 2016, 13, 3341-3349.	4.6	36
12	Differentiation and characterization of human pluripotent stem cell-derived brain microvascular endothelial cells. Methods, 2016, 101, 93-102.	3.8	123
13	Advances in microfluidic platforms for analyzing and regulating human pluripotent stem cells. Current Opinion in Genetics and Development, 2015, 34, 54-60.	3.3	18
14	Chemically-defined albumin-free differentiation of human pluripotent stem cells to endothelial progenitor cells. Stem Cell Research, 2015, 15, 122-129.	0.7	71
15	Micro/nano-fabrication technologies for cell biology. Medical and Biological Engineering and Computing, 2010, 48, 1023-1032.	2.8	57
16	Superhydrophobic Poly(dimethylsiloxane) via Surface-Initiated Polymerization with Ultralow Initiator Density. Macromolecules, 2008, 41, 6641-6645.	4.8	31
17	Study and Application of a Linear Frequencyâ^'Thickness Relation for Surface-Initiated Atom Transfer Radical Polymerization in a Quartz Crystal Microbalance. Macromolecules, 2007, 40, 3090-3096.	4.8	37