Junjun Li

List of Publications by Year in descending order

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Version: 2024-02-01

35	795	567281	526287
papers	citations	15 h-index	27 g-index

37	37	37	1316
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Modeling reduced contractility and impaired desmosome assembly due to plakophilin-2 deficiency using isogenic iPS cell-derived cardiomyocytes. Stem Cell Reports, 2022, 17, 337-351.	4.8	18
2	Nanocasting of fibrous morphology on a substrate for long-term propagation of human induced pluripotent stem cells. Biomedical Materials (Bristol), 2022, 17, 025014.	3.3	1
3	Engineered three-dimensional cardiac tissues maturing in a rotating wall vessel bioreactor remodel diseased hearts in rats with myocardial infarction. Stem Cell Reports, 2022, 17, 1170-1182.	4.8	7
4	Development and evaluation of a novel xeno-free culture medium for human-induced pluripotent stem cells. Stem Cell Research and Therapy, 2022, 13, .	5.5	9
5	Human-Induced Pluripotent Stem Cellâ€“Derived Cardiomyocyte Model for TNNT2 Î”160E-Induced Cardiomyopathy. Circulation Genomic and Precision Medicine, 2022, 15, .	3.6	5
6	Phenotypic recapitulation and correction of desmoglein-2-deficient cardiomyopathy using human-induced pluripotent stem cell-derived cardiomyocytes. Human Molecular Genetics, 2021, 30, 1384-1397.	2.9	19
7	Therapeutic efficacy of large aligned cardiac tissue derived from induced pluripotent stem cell in a porcine ischemic cardiomyopathy model. Journal of Heart and Lung Transplantation, 2021, 40, 767-777.	0.6	17
8	Fabrication of Thick and Anisotropic on Nanofibrous Substrate for Repairing Infarcted Myocardium. Methods in Molecular Biology, 2021, 2320, 65-73.	0.9	1
9	hiPSC-Derived Cardiac Tissue for Disease Modeling and Drug Discovery. International Journal of Molecular Sciences, 2020, 21, 8893.	4.1	27
10	Circulating re-entrant waves promote maturation of hiPSC-derived cardiomyocytes in self-organized tissue ring. Communications Biology, 2020, 3, 122.	4.4	32
11	Analysis of Circulating Waves in Tissue Rings derived from Human Induced Pluripotent Stem Cells. Scientific Reports, 2020, 10, 2984.	3.3	4
12	Clonal Isolation of Human Pluripotent Stem Cells on Nanofibrous Substrates Reveals an Advanced Subclone for Cardiomyocyte Differentiation. Advanced Healthcare Materials, 2019, 8, 1900165.	7.6	3
13	Isolation and characterization of ventricular-like cells derived from NKX2-5 and MLC2v double knock-in human pluripotent stem cells. Biochemical and Biophysical Research Communications, 2018, 495, 1278-1284.	2.1	9
14	Low Cell-Matrix Adhesion Reveals Two Subtypes of Human Pluripotent Stem Cells. Stem Cell Reports, 2018, 11, 142-156.	4.8	37
15	Nano-on-micro fibrous extracellular matrices for scalable expansion of human ES/iPS cells. Biomaterials, 2017, 124, 47-54.	11.4	40
16	Human Pluripotent Stem Cell-Derived Cardiac Tissue-like Constructs for Repairing the Infarcted Myocardium. Stem Cell Reports, 2017, 9, 1546-1559.	4.8	107
17	Culture substrates made of elastomeric micro-tripod arrays for long-term expansion of human pluripotent stem cells. Journal of Materials Chemistry B, 2017, 5, 236-244.	5.8	10
18	Extracellular Recordings of Patterned Human Pluripotent Stem Cell-Derived Cardiomyocytes on Aligned Fibers. Stem Cells International, 2016, 2016, 1-9.	2.5	12

#	Article	IF	Citations
19	Effective motor neuron differentiation of hiPSCs on a patch made of crosslinked monolayer gelatin nanofibers. Journal of Materials Chemistry B, 2016, 4, 3305-3312.	5.8	33
20	On chip purification of hiPSC-derived cardiomyocytes using a fishnet-like microstructure. Biofabrication, 2016, 8, 035017.	7.1	5
21	Induction and differentiation of human induced pluripotent stem cells into functional cardiomyocytes on a compartmented monolayer of gelatin nanofibers. Nanoscale, 2016, 8, 14530-14540.	5.6	52
22	3D printing of soft lithography mold for rapid production of polydimethylsiloxane-based microfluidic devices for cell stimulation with concentration gradients. Biomedical Microdevices, 2015, 17, 36.	2.8	159
23	Facile synthesis of ZnO nanowires on FTO glass for dye-sensitized solar cells. Journal of Semiconductors, 2013, 34, 074002.	3.7	6
24	Upside and downside views of adherent cells on patterned substrates: Three-dimensional image reconstruction. Microelectronic Engineering, 2013, 110, 365-368.	2.4	4
25	Fabrication of gelatin nanopatterns for cell culture studies. Microelectronic Engineering, 2013, 110, 70-74.	2.4	14
26	Microfluidic capture of endothelial progenitor cells in human blood samples. Microelectronic Engineering, 2013, 111, 262-266.	2.4	4
27	A microfluidic device with integrated ZnO nanowires for photodegradation studies of methylene blue under different conditions. Microelectronic Engineering, 2013, 111, 199-203.	2.4	37
28	Improved Sensing Membrane Immobilization for Enhanced Long-Term Stability of Iodide Ion-Selective Microelectrode. Nanoscience and Nanotechnology Letters, 2013, 5, 699-703.	0.4	0
29	Improved Enzyme Immobilization for Enhanced Bioelectrocatalytic Activity of Choline Sensor. Nanoscience and Nanotechnology Letters, 2013, 5, 660-665.	0.4	0
30	Patterning of Two-Level Topographic Cues for Observation of Competitive Guidance of Cell Alignment. ACS Applied Materials & Interfaces, 2012, 4, 3888-3892.	8.0	20
31	Preparation of water soluble CdSe and CdSe/CdS quantum dots and their uses in imaging of cell and blood capillary. Optical Materials, 2012, 34, 1588-1592.	3.6	31
32	Anisotropic Wet Etched Silicon Substrates for Reoriented and Selective Growth of ZnO Nanowires and Enhanced Hydrophobicity. Langmuir, 2011, 27, 6549-6553.	3.5	10
33	Probing cytotoxicity of CdSe and CdSe/CdS quantum dots. Chinese Chemical Letters, 2011, 22, 843-846.	9.0	19
34	A novel L-Lactate sensor based on enzyme electrode modified with ZnO nanoparticles and multiwall carbon nanotubes. , 2010, , .		2
35	A Compact Disk-Like Centrifugal Microfluidic System for High-Throughput Nanoliter-Scale Protein Crystallization Screening. Analytical Chemistry, 2010, 82, 4362-4369.	6.5	33