

Yuanwei Yan

List of Publications by Year in descending order

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18
papers

527
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687363

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18
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788
citing authors

#	ARTICLE	IF	CITATIONS
1	The Use of Pluripotent Stem Cell-Derived Organoids to Study Extracellular Matrix Development during Neural Degeneration. <i>Cells</i> , 2019, 8, 242.	4.1	14
2	Studying Heterotypic Cell-Cell Interactions in the Human Brain Using Pluripotent Stem Cell Models for Neurodegeneration. <i>Cells</i> , 2019, 8, 299.	4.1	15
3	Cell population balance of cardiovascular spheroids derived from human induced pluripotent stem cells. <i>Scientific Reports</i> , 2019, 9, 1295.	3.3	23
4	Modeling Neurodegenerative Microenvironment Using Cortical Organoids Derived from Human Stem Cells. <i>Tissue Engineering - Part A</i> , 2018, 24, 1125-1137.	3.1	55
5	Derivation of Cortical Spheroids from Human Induced Pluripotent Stem Cells in a Suspension Bioreactor. <i>Tissue Engineering - Part A</i> , 2018, 24, 418-431.	3.1	35
6	Pluripotent stem cell expansion and neural differentiation in 3-D scaffolds of tunable Poisson's ratio. <i>Acta Biomaterialia</i> , 2017, 49, 192-203.	8.3	49
7	Catalase-Laden Microdevices for Cell-Mediated Enzyme Delivery. <i>Langmuir</i> , 2016, 32, 13386-13393.	3.5	14
8	Neural patterning of human induced pluripotent stem cells in 3-D cultures for studying biomolecule-directed differential cellular responses. <i>Acta Biomaterialia</i> , 2016, 42, 114-126.	8.3	43
9	Crosslinking of extracellular matrix scaffolds derived from pluripotent stem cell aggregates modulates neural differentiation. <i>Acta Biomaterialia</i> , 2016, 30, 222-232.	8.3	52
10	Cryopreservation of embryonic stem cell-derived multicellular neural aggregates labeled with micron-sized particles of iron oxide for magnetic resonance imaging. <i>Biotechnology Progress</i> , 2015, 31, 510-521.	2.6	15
11	Generation of Neural Progenitor Spheres from Human Pluripotent Stem Cells in a Suspension Bioreactor. <i>Methods in Molecular Biology</i> , 2015, 1502, 119-128.	0.9	7
12	The Microenvironment of Embryoid Bodies Modulated the Commitment to Neural Lineage Postcryopreservation. <i>Tissue Engineering - Part C: Methods</i> , 2015, 21, 356-366.	2.1	8
13	Asymmetric Biodegradable Microdevices for Cell-Borne Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 6293-6299.	8.0	28
14	Differential effects of acellular embryonic matrices on pluripotent stem cell expansion and neural differentiation. <i>Biomaterials</i> , 2015, 73, 231-242.	11.4	69
15	Intracellular labeling of mouse embryonic stem cell-derived neural progenitor aggregates with micron-sized particles of iron oxide. <i>Cytotherapy</i> , 2015, 17, 98-111.	0.7	22
16	Facile functionalization and assembly of live cells with microcontact-printed polymeric biomaterials. <i>Acta Biomaterialia</i> , 2015, 11, 80-87.	8.3	21
17	Labeling Pluripotent Stem Cell-Derived Neural Progenitors with Iron Oxide Particles for Magnetic Resonance Imaging. <i>Methods in Molecular Biology</i> , 2014, 1283, 43-52.	0.9	1
18	Neural differentiation from pluripotent stem cells: The role of natural and synthetic extracellular matrix. <i>World Journal of Stem Cells</i> , 2014, 6, 11.	2.8	56