Yuanwei Yan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11006217/publications.pdf

Version: 2024-02-01

18	527	687363 13	839539 18
papers	citations	h-index	g-index

18	18	18	788
all docs	docs citations	times ranked	citing authors

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