Lisa A Flanagan

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2931769/publications.pdf

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17 papers	1,240 citations	623734 14 h-index	888059 17 g-index
17 all docs	17 docs citations	17 times ranked	1953 citing authors

#	Article	IF	Citations
1	Label-free enrichment of fate-biased human neural stem and progenitor cells. Biosensors and Bioelectronics, 2020, 152, 111982.	10.1	19
2	Language disparity is not a significant barrier for time-sensitive care of acute ischemic stroke. BMC Neurology, 2020, 20, 363.	1.8	8
3	Growth and Spatial Control of Murine Neural Stem Cells on Reflectin Films. ACS Biomaterials Science and Engineering, 2020, 6, 1311-1320.	5.2	4
4	High-throughput continuous dielectrophoretic separation of neural stem cells. Biomicrofluidics, 2019, 13, 064111.	2.4	38
5	Recombinant collagen scaffolds as substrates for human neural stem/progenitor cells. Journal of Biomedical Materials Research - Part A, 2018, 106, 1363-1372.	4.0	31
6	It's Electric: When Technology Gives a Boost to Stem Cell Science. Current Stem Cell Reports, 2018, 4, 116-126.	1.6	13
7	Separation of neural stem cells by whole cell membrane capacitance using dielectrophoresis. Methods, 2018, 133, 91-103.	3.8	47
8	Phagocytic response of astrocytes to damaged neighboring cells. PLoS ONE, 2018, 13, e0196153.	2.5	49
9	Cell Surface N-Glycans Influence Electrophysiological Properties and Fate Potential of Neural Stem Cells. Stem Cell Reports, 2018, 11, 869-882.	4.8	35
10	Combination scaffolds of salmon fibrin, hyaluronic acid, and laminin for human neural stem cell and vascular tissue engineering. Acta Biomaterialia, 2016, 43, 122-138.	8.3	125
11	Reflectin as a Material for Neural Stem Cell Growth. ACS Applied Materials & Interfaces, 2016, 8, 278-284.	8.0	24
12	Static stretch affects neural stem cell differentiation in an extracellular matrix-dependent manner. Scientific Reports, 2015, 5, 8499.	3.3	78
13	Increasing label-free stem cell sorting capacity to reach transplantation-scale throughput. Biomicrofluidics, 2014, 8, 064106.	2.4	26
14	Stretch-activated ion channel Piezo1 directs lineage choice in human neural stem cells. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 16148-16153.	7.1	446
15	Advancing practical usage of microtechnology: a study of the functional consequences of dielectrophoresis on neural stem cells. Integrative Biology (United Kingdom), 2012, 4, 1223-1236.	1.3	43
16	Biophysical Characteristics Reveal Neural Stem Cell Differentiation Potential. PLoS ONE, 2011, 6, e25458.	2.5	69
17	Unique Dielectric Properties Distinguish Stem Cells and Their Differentiated Progeny. Stem Cells, 2008, 26, 656-665.	3.2	185