

# Lisa A Flanagan

## List of Publications by Year in descending order

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

Version: 2024-02-01

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	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
2	Unique Dielectric Properties Distinguish Stem Cells and Their Differentiated Progeny. Stem Cells, 2008, 26, 656-665.	3.2	185
3	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
4	Static stretch affects neural stem cell differentiation in an extracellular matrix-dependent manner. Scientific Reports, 2015, 5, 8499.	3.3	78
5	Biophysical Characteristics Reveal Neural Stem Cell Differentiation Potential. PLoS ONE, 2011, 6, e25458.	2.5	69
6	Phagocytic response of astrocytes to damaged neighboring cells. PLoS ONE, 2018, 13, e0196153.	2.5	49
7	Separation of neural stem cells by whole cell membrane capacitance using dielectrophoresis. Methods, 2018, 133, 91-103.	3.8	47
8	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
9	High-throughput continuous dielectrophoretic separation of neural stem cells. Biomicrofluidics, 2019, 13, 064111.	2.4	38
10	Cell Surface N-Glycans Influence Electrophysiological Properties and Fate Potential of Neural Stem Cells. Stem Cell Reports, 2018, 11, 869-882.	4.8	35
11	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
12	Increasing label-free stem cell sorting capacity to reach transplantation-scale throughput. Biomicrofluidics, 2014, 8, 064106.	2.4	26
13	Reflectin as a Material for Neural Stem Cell Growth. ACS Applied Materials & Interfaces, 2016, 8, 278-284.	8.0	24
14	Label-free enrichment of fate-biased human neural stem and progenitor cells. Biosensors and Bioelectronics, 2020, 152, 111982.	10.1	19
15	It's Electric: When Technology Gives a Boost to Stem Cell Science. Current Stem Cell Reports, 2018, 4, 116-126.	1.6	13
16	Language disparity is not a significant barrier for time-sensitive care of acute ischemic stroke. BMC Neurology, 2020, 20, 363.	1.8	8
17	Growth and Spatial Control of Murine Neural Stem Cells on Reflectin Films. ACS Biomaterials Science and Engineering, 2020, 6, 1311-1320.	5.2	4