Francis G Szele

List of Publications by Year
in descending order

62 papers	2,647 citations	185998 28 h-index	189595 50 g-index
63 all docs	63 docs citations	63 times ranked	3584 citing authors

#	Article	IF	Citations
1	Intravital imaging of the murine subventricular zone with three photon microscopy. Cerebral Cortex, 2022, 32, 3057-3067.	1.6	2
2	Immunohistochemical evidence for adult human neurogenesis in health and disease. WIREs Mechanisms of Disease, 2021, 13, e1526.	1.5	8
3	Grape skin extract modulates neuronal stem cell proliferation and improves spatial learning in senescence-accelerated prone 8 mice. Aging, 2021, 13, 18131-18149.	1.4	4
4	Elevated 2HG does not cause features of tumorigenesis. Neuro-Oncology, 2021, 23, iv1-iv1.	0.6	0
5	Novel Galectin-3 Roles in Neurogenesis, Inflammation and Neurological Diseases. Cells, 2021, 10, 3047.	1.8	24
6	Galectinâ€3 modulates postnatal subventricular zone gliogenesis. Glia, 2020, 68, 435-450.	2.5	24
7	Evidence for Decreased Density of Calretinin-Immunopositive Neurons in the Caudate Nucleus in Patients With Schizophrenia. Frontiers in Neuroanatomy, 2020, 14, 581685.	0.9	13
8	3D Bioprinting: Lipidâ€Bilayerâ€Supported 3D Printing of Human Cerebral Cortex Cells Reveals Developmental Interactions (Adv. Mater. 31/2020). Advanced Materials, 2020, 32, 2070235.	11.1	0
9	A Semi-automated and Scalable 3D Spheroid Assay to Study Neuroblast Migration. Stem Cell Reports, 2020, 15, 789-802.	2.3	8
10	Sugarcane (Saccharum officinarum L.) Top Extract Ameliorates Cognitive Decline in Senescence Model SAMP8 Mice: Modulation of Neural Development and Energy Metabolism. Frontiers in Cell and Developmental Biology, 2020, 8, 573487.	1.8	7
11	Lipidâ€Bilayerâ€Supported 3D Printing of Human Cerebral Cortex Cells Reveals Developmental Interactions. Advanced Materials, 2020, 32, e2002183.	11.1	40
12	Interpenetrating polymer networks of collagen, hyaluronic acid, and chondroitin sulfate as scaffolds for brain tissue engineering. Acta Biomaterialia, 2020, 112, 122-135.	4.1	33
13	Microalgae Aurantiochytrium Sp. Increases Neurogenesis and Improves Spatial Learning and Memory in Senescence-Accelerated Mouse-Prone 8 Mice. Frontiers in Cell and Developmental Biology, 2020, 8, 600575.	1.8	14
14	Galectin-3 diminishes Wnt signaling in the postnatal subventricular zone. Stem Cells, 2020, 38, 1149-1158.	1.4	7
15	Maternal transmission of an Igf2r domain 11: IGF2 binding mutant allele (Igf2rI1565A) results in partial lethality, overgrowth and intestinal adenoma progression. Scientific Reports, 2019, 9, 11388.	1.6	8
16	3,4,5-Tricaffeoylquinic acid induces adult neurogenesis and improves deficit of learning and memory in aging model senescence-accelerated prone 8 mice. Aging, 2019, 11, 401-422.	1.4	31
17	The A30P Î±-synuclein mutation decreases subventricular zone proliferation. Human Molecular Genetics, 2019, 28, 2283-2294.	1.4	18
18	The long nonâ€coding <scp>RNA</scp> <i>Paupar</i> promotes <scp>KAP</scp> 1â€dependent chromatin changes and regulatesÂolfactory bulb neurogenesis. EMBO Journal, 2018, 37, .	3.5	45

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19	The role of inflammation in subventricular zone cancer. Progress in Neurobiology, 2018, 170, 37-52.	2.8	15
20	Polycomb Protein Eed is Required for Neurogenesis and Cortical Injury Activation in the Subventricular Zone. Cerebral Cortex, 2018, 28, 1369-1382.	1.6	28
21	Schizophrenia-related dysbindin-1 gene is required for innate immune response and homeostasis in the developing subventricular zone. NPJ Schizophrenia, 2018, 4, 15.	2.0	10
22	Rapid and efficient differentiation of functional motor neurons from human iPSC for neural injury modelling. Stem Cell Research, 2018, 32, 126-134.	0.3	65
23	High-Resolution Patterned Cellular Constructs by Droplet-Based 3D Printing. Scientific Reports, 2017, 7, 7004.	1.6	154
24	Calretinin interneuron density in the caudate nucleus is lower in autism spectrum disorder. Brain, 2017, 140, 2028-2040.	3.7	40
25	Traumatic Brain Injury Activation of the Adult Subventricular Zone Neurogenic Niche. Frontiers in Neuroscience, 2016, 10, 332.	1.4	71
26	Gradient Index Microlens Implanted in Prefrontal Cortex of Mouse Does Not Affect Behavioral Test Performance over Time. PLoS ONE, 2016, 11, e0146533.	1.1	21
27	Cuprizone demyelination induces a unique inflammatory response in the subventricular zone. Journal of Neuroinflammation, 2016, 13, 190.	3.1	42
28	Expression of Idh1R132H in the Murine Subventricular Zone Stem Cell Niche Recapitulates Features of Early Gliomagenesis. Cancer Cell, 2016, 30, 578-594.	7.7	122
29	Loss of galectinâ€3 decreases the number of immune cells in the subventricular zone and restores proliferation in a viral model of multiple sclerosis. Glia, 2016, 64, 105-121.	2.5	29
30	Disruption of<i>Visc-2</i>, a Brain-Expressed Conserved Long Noncoding RNA, Does Not Elicit an Overt Anatomical or Behavioral Phenotype. Cerebral Cortex, 2015, 25, 3572-3585.	1.6	30
31	STAT1-induced ASPP2 transcription identifies a link between neuroinflammation, cell polarity, and tumor suppression. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 9834-9839.	3.3	29
32	Subventricular zone cytoarchitecture changes in Autism. Developmental Neurobiology, 2014, 74, 25-41.	1.5	27
33	Blocked angiogenesis in Galectin-3 null mice does not alter cellular and behavioral recovery after middle cerebral artery occlusion stroke. Neurobiology of Disease, 2014, 63, 155-164.	2.1	28
34	Ependymal Ciliary Dysfunction and Reactive Astrocytosis in a Reorganized Subventricular Zone after Stroke. Cerebral Cortex, 2013, 23, 647-659.	1.6	40
35	Regional Differences in Human Ependymal and Subventricular Zone Cytoarchitecture Are Unchanged in Neuropsychiatric Disease. Developmental Neuroscience, 2012, 34, 299-309.	1.0	21
36	Subventricular Zone Cell Migration: Lessons from Quantitative Two-Photon Microscopy. Frontiers in Neuroscience, 2011, 5, 30.	1.4	18

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37	Cellular and Molecular Determinants of Stroke-Induced Changes in Subventricular Zone Cell Migration. Antioxidants and Redox Signaling, 2011, 14, 1877-1888.	2.5	44
38	Galectin-3 maintains cell motility from the subventricular zone to the olfactory bulb. Journal of Cell Science, 2011, 124, 2438-2447.	1.2	75
39	Rostral migratory stream neuroblasts turn and change directions in stereotypic patterns. Cell Adhesion and Migration, 2011, 5, 83-95.	1.1	17
40	Dopamine stimulation of postnatal murine subventricular zone neurogenesis via the D3 receptor. Journal of Neurochemistry, 2010, 114, 750-760.	2.1	71
41	Nestin Reporter Transgene Labels Multiple Central Nervous System Precursor Cells. Neural Plasticity, 2010, 2010, 1-14.	1.0	34
42	Proliferation but Not Migration Is Associated with Blood Vessels during Development of the Rostral Migratory Stream. Developmental Neuroscience, 2010, 32, 163-172.	1.0	31
43	Hypoxia-Ischemia Induces an Endogenous Reparative Response by Local Neural Progenitors in the Postnatal Mouse Telencephalon. Developmental Neuroscience, 2010, 32, 173-183.	1.0	24
44	Adult Mouse Subventricular Zone Stem and Progenitor Cells Are Sessile and Epidermal Growth Factor Receptor Negatively Regulates Neuroblast Migration. PLoS ONE, 2009, 4, e8122.	1.1	50
45	Activation of subventricular zone stem cells after neuronal injury. Cell and Tissue Research, 2008, 331, 337-345.	1.5	23
46	Hematopoietic cell activation in the subventricular zone after Theiler's virus infection. Journal of Neuroinflammation, 2008, 5, 44.	3.1	17
47	Techniques and Strategies to Analyze Neural Progenitor Cell Migration. Current Pharmaceutical Biotechnology, 2007, 8, 177-185.	0.9	3
48	Dynamic features of postnatal subventricular zone cell motility: A twoâ€photon timeâ€lapse study. Journal of Comparative Neurology, 2007, 505, 190-208.	0.9	98
49	Doublecortin is necessary for the migration of adult subventricular zone cells from neurospheres. Molecular and Cellular Neurosciences, 2006, 33, 126-135.	1.0	43
50	Differential activation of microglia in neurogenic versus non-neurogenic regions of the forebrain. Glia, 2006, 54, 329-342.	2.5	92
51	Subventricular Zone Neuroblasts Emigrate Toward Cortical Lesions. Journal of Neuropathology and Experimental Neurology, 2005, 64, 1089-1100.	0.9	129
52	Cellular proliferation and migration following a controlled cortical impact in the mouse. Brain Research, 2005, 1053, 38-53.	1.1	143
53	Migration patterns of subventricular zone cells in adult mice change after cerebral cortex injury. Brain Research, 2004, 996, 213-226.	1.1	195
54	Radial glia-like cells at the base of the lateral ventricles in adult mice. Journal of Neurocytology, 2004, 33, 153-164.	1.6	65

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55	Distribution of doublecortin expressing cells near the lateral ventricles in the adult mouse brain. Journal of Neuroscience Research, 2004, 76, 282-295.	1.3	116
56	NOVOcan: a molecular link among selected glial cells. Biophysical Chemistry, 2004, 108, 245-258.	1.5	0
57	Sox-9 and cDachsund-2 expression in the developing chick telencephalon. Mechanisms of Development, 2002, 112, 179-182.	1.7	18
58	Cerebral cortex lesions decrease the number of bromodeoxyuridine-positive subventricular zone cells in mice. Neuroscience Letters, 2002, 329, 161-164.	1.0	33
59	The Dispersion of Clonally Related Cells in the Developing Chick Telencephalon. Developmental Biology, 1998, 195, 100-113.	0.9	26
60	Cortical lesions induce an increase in cell number and PSA-NCAM expression in the subventricular zone of adult rats. Journal of Comparative Neurology, 1996, 368, 439-454.	0.9	148
61	A subset of clones in the chick telencephalon arranged in rostrocaudal arrays. Current Biology, 1996, 6, 1685-1690.	1.8	31
62	Effects of fenfluramine, M-chlorophenylpiperazine, and other serotonin-related agonists and antagonists on penile erections in nonhuman primates. Life Sciences, 1988, 43, 1297-1303.	2.0	45