Daniel A Peterson

List of Publications by Year
in descending order

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40 papers	11,597 citations	201674 27 h-index	330143 37 g-index
41 all docs	41 docs citations	41 times ranked	12289 citing authors

#	Article	IF	Citations
1	Sustained Hippocampal Synaptic Pathophysiology Following Single and Repeated Closed-Head Concussive Impacts. Frontiers in Cellular Neuroscience, 2021, 15, 652721.	3.7	7
2	Induced Neurons for Disease Modeling and Repair: A Focus on Non-fibroblastic Cell Sources in Direct Reprogramming. Frontiers in Bioengineering and Biotechnology, 2021, 9, 658498.	4.1	3
3	Reduced presynaptic vesicle stores mediate cellular and network plasticity defects in an early-stage mouse model of Alzheimerâ€™s disease. Molecular Neurodegeneration, 2019, 14, 7.	10.8	52
4	Whole-brain 3D mapping of human neural transplant innervation. Nature Communications, 2017, 8, 14162.	12.8	46
5	A Clinically Relevant Closed-Head Model of Single and Repeat Concussive Injury in the Adult Rat Using a Controlled Cortical Impact Device. Journal of Neurotrauma, 2017, 34, 1351-1363.	3.4	23
6	Detection and Phenotypic Characterization of Adult Neurogenesis. Cold Spring Harbor Perspectives in Biology, 2016, 8, a025981.	5.5	59
7	Prospects for engineering neurons from local neocortical cell populations as cellâ€mediated therapy for neurological disorders. Journal of Comparative Neurology, 2014, 522, 2857-2876.	1.6	4
8	Spatial distribution and cellular composition of adult brain proliferative zones in the teleost, Gymnotus omarorum. Frontiers in Neuroanatomy, 2014, 8, 88.	1.7	14
9	Human Mesenchymal Stem Cell Grafts Enhance Normal and Impaired Wound Healing by Recruiting Existing Endogenous Tissue Stem/Progenitor Cells. Stem Cells Translational Medicine, 2013, 2, 33-42.	3.3	117
10	Impaired Therapeutic Capacity of Autologous Stem Cells in a Model of Type 2 Diabetes. Stem Cells Translational Medicine, 2012, 1, 125-135.	3.3	95
11	Modification of Pax6 and Olig2 Expression in Adult Hippocampal Neurogenesis Selectively Induces Stem Cell Fate and Alters Both Neuronal and Glial Populations. Stem Cells, 2012, 30, 500-509.	3.2	25
12	Division-Coupled Astrocytic Differentiation and Age-Related Depletion of Neural Stem Cells in the Adult Hippocampus. Cell Stem Cell, 2011, 8, 566-579.	11.1	768
13	Insights into neurogenesis and aging: potential therapy for degenerative disease?. Future Neurology, 2010, 5, 527-541.	0.5	24
14	When neurogenesis encounters aging and disease. Trends in Neurosciences, 2010, 33, 569-579.	8.6	337
15	Survival advantage of neonatal CNS gene transfer for late infantile neuronal ceroid lipofuscinosis. Experimental Neurology, 2008, 213, 18-27.	4.1	59
16	Even neural stem cells get the blues: evidence for a molecular link between modulation of adult neurogenesis and depression. Gene Expression, 2008, 14, 183-93.	1.2	24
17	Enhanced Survival of the LINCL Mouse Following CLN2 Gene Transfer Using the rh.10 Rhesus Macaque-derived Adeno-associated Virus Vector. Molecular Therapy, 2007, 15, 481-491.	8.2	153
18	Acute Psychosocial Stress Reduces Cell Survival in Adult Hippocampal Neurogenesis without Altering Proliferation. Journal of Neuroscience, 2007, 27, 2734-2743.	3.6	213

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19	Acute exposure to predator odor elicits a robust increase in corticosterone and a decrease in activity without altering proliferation in the adult rat hippocampus. Experimental Neurology, 2006, 201, 308-315.	4.1	76
20	Cytoarchitecture of fibroblast growth factor receptor 2 (FGFR-2) immunoreactivity in astrocytes of neurogenic and non-neurogenic regions of the young adult and aged rat brain. Journal of Comparative Neurology, 2006, 498, 1-15.	1.6	57
21	Expression of a Familial Alzheimer's Disease-Linked Presenilin-1 Variant Enhances Perforant Pathway Lesion-Induced Neuronal Loss in the Entorhinal Cortex. Journal of Neuroscience, 2006, 26, 429-434.	3.6	27
22	Stem cell proliferative history in tissue revealed by temporal halogenated thymidine analog discrimination. Nature Methods, 2005, 2, 167-169.	19.0	115
23	Neural stem cells as therapeutic agents for age-related brain repair. Aging Cell, 2004, 3, 345-351.	6.7	64
24	The use of fluorescent probes in cell-counting procedures. , 2004, , 85-114.		15
25	Umbilical cord blood cells and brain stroke injury: bringing in fresh blood to address an old problem. Journal of Clinical Investigation, 2004, 114, 312-314.	8.2	45
26	A Neurogenic Theory of Depression Gains Momentum. Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics, 2003, 3, 441-444.	3.4	18
27	Neurogenesis and brain injury: managing a renewable resource for repair. Journal of Clinical Investigation, 2003, 112, 1128-1133.	8.2	87
28	Neurogenesis and brain injury: managing a renewable resource for repair. Journal of Clinical Investigation, 2003, 112, 1128-1133.	8.2	56
29	Targeted Retrograde Gene Delivery for Neuronal Protection. Molecular Therapy, 2002, 5, 50-56.	8.2	144
30	Stem cells in brain plasticity and repair. Current Opinion in Pharmacology, 2002, 2, 34-42.	3.5	95
31	Evidence That Synaptically Released Î²-Amyloid Accumulates as Extracellular Deposits in the Hippocampus of Transgenic Mice. Journal of Neuroscience, 2002, 22, 9785-9793.	3.6	281
32	Future Prospects of Gene Therapy for Treating CNS Diseases. , 2000, , 485-508.		1
33	Central neuronal loss and behavioral impairment in mice lacking neurotrophin receptor p75. Journal of Comparative Neurology, 1999, 404, 1-20.	1.6	87
34	Quantitative Histology Using Confocal Microscopy: Implementation of Unbiased Stereology Procedures. Methods, 1999, 18, 493-507.	3.8	88
35	Trophic Factors in Experimental Models of Adult Central Nervous System Injury. Cerebral Cortex, 1999, , 129-173.	0.6	0
36	Neurogenesis in the adult human hippocampus. Nature Medicine, 1998, 4, 1313-1317.	30.7	5,606

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37	Multipotent progenitor cells in the adult dentate gyrus. Journal of Neurobiology, 1998, 36, 249-266.	3.6	635
38	Sustained expression of genes delivered directly into liver and muscle by lentiviral vectors. Nature Genetics, 1997, 17, 314-317.	21.4	620
39	Mechanism of Cellular 3â€(4,5â€Dimethylthiazolâ€2â€yl)â€2,5â€Diphenyltetrazolium Bromide (MTT) Reduction. Journal of Neurochemistry, 1997, 69, 581-593.	3.9	858
40	Differentiation of adult hippocampus-derived progenitors into olfactory neurons in vivo. Nature, 1996, 383, 624-627.	27.8	599