

Daniel A Peterson

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

11,597
citations

236612

25
h-index

360668

35
g-index

41
all docs

41
docs citations

41
times ranked

12289
citing authors

#	ARTICLE	IF	CITATIONS
1	Neurogenesis in the adult human hippocampus. <i>Nature Medicine</i> , 1998, 4, 1313-1317.	15.2	5,606
2	Mechanism of Cellular 3-(4,5-Dimethylthiazol-2-yl)-2,5-Diphenyltetrazolium Bromide (MTT) Reduction. <i>Journal of Neurochemistry</i> , 1997, 69, 581-593.	2.1	858
3	Division-Coupled Astrocytic Differentiation and Age-Related Depletion of Neural Stem Cells in the Adult Hippocampus. <i>Cell Stem Cell</i> , 2011, 8, 566-579.	5.2	768
4	Multipotent progenitor cells in the adult dentate gyrus. , 1998, 36, 249-266.		635
5	Sustained expression of genes delivered directly into liver and muscle by lentiviral vectors. <i>Nature Genetics</i> , 1997, 17, 314-317.	9.4	620
6	Differentiation of adult hippocampus-derived progenitors into olfactory neurons in vivo. <i>Nature</i> , 1996, 383, 624-627.	13.7	599
7	When neurogenesis encounters aging and disease. <i>Trends in Neurosciences</i> , 2010, 33, 569-579.	4.2	337
8	Evidence That Synaptically Released β -Amyloid Accumulates as Extracellular Deposits in the Hippocampus of Transgenic Mice. <i>Journal of Neuroscience</i> , 2002, 22, 9785-9793.	1.7	281
9	Acute Psychosocial Stress Reduces Cell Survival in Adult Hippocampal Neurogenesis without Altering Proliferation. <i>Journal of Neuroscience</i> , 2007, 27, 2734-2743.	1.7	213
10	Enhanced Survival of the LINCL Mouse Following CLN2 Gene Transfer Using the rh.10 Rhesus Macaque-derived Adeno-associated Virus Vector. <i>Molecular Therapy</i> , 2007, 15, 481-491.	3.7	153
11	Targeted Retrograde Gene Delivery for Neuronal Protection. <i>Molecular Therapy</i> , 2002, 5, 50-56.	3.7	144
12	Human Mesenchymal Stem Cell Grafts Enhance Normal and Impaired Wound Healing by Recruiting Existing Endogenous Tissue Stem/Progenitor Cells. <i>Stem Cells Translational Medicine</i> , 2013, 2, 33-42.	1.6	117
13	Stem cell proliferative history in tissue revealed by temporal halogenated thymidine analog discrimination. <i>Nature Methods</i> , 2005, 2, 167-169.	9.0	115
14	Stem cells in brain plasticity and repair. <i>Current Opinion in Pharmacology</i> , 2002, 2, 34-42.	1.7	95
15	Impaired Therapeutic Capacity of Autologous Stem Cells in a Model of Type 2 Diabetes. <i>Stem Cells Translational Medicine</i> , 2012, 1, 125-135.	1.6	95
16	Quantitative Histology Using Confocal Microscopy: Implementation of Unbiased Stereology Procedures. <i>Methods</i> , 1999, 18, 493-507.	1.9	88
17	Central neuronal loss and behavioral impairment in mice lacking neurotrophin receptor p75. , 1999, 404, 1-20.		87
18	Neurogenesis and brain injury: managing a renewable resource for repair. <i>Journal of Clinical Investigation</i> , 2003, 112, 1128-1133.	3.9	87

#	ARTICLE	IF	CITATIONS
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. <i>Experimental Neurology</i> , 2006, 201, 308-315.	2.0	76
20	Neural stem cells as therapeutic agents for age-related brain repair. <i>Aging Cell</i> , 2004, 3, 345-351.	3.0	64
21	Survival advantage of neonatal CNS gene transfer for late infantile neuronal ceroid lipofuscinosis. <i>Experimental Neurology</i> , 2008, 213, 18-27.	2.0	59
22	Detection and Phenotypic Characterization of Adult Neurogenesis. <i>Cold Spring Harbor Perspectives in Biology</i> , 2016, 8, a025981.	2.3	59
23	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. <i>Journal of Comparative Neurology</i> , 2006, 498, 1-15.	0.9	57
24	Neurogenesis and brain injury: managing a renewable resource for repair. <i>Journal of Clinical Investigation</i> , 2003, 112, 1128-1133.	3.9	56
25	Reduced presynaptic vesicle stores mediate cellular and network plasticity defects in an early-stage mouse model of Alzheimer's disease. <i>Molecular Neurodegeneration</i> , 2019, 14, 7.	4.4	52
26	Whole-brain 3D mapping of human neural transplant innervation. <i>Nature Communications</i> , 2017, 8, 14162.	5.8	46
27	Umbilical cord blood cells and brain stroke injury: bringing in fresh blood to address an old problem. <i>Journal of Clinical Investigation</i> , 2004, 114, 312-314.	3.9	45
28	Expression of a Familial Alzheimer's Disease-Linked Presenilin-1 Variant Enhances Perforant Pathway Lesion-Induced Neuronal Loss in the Entorhinal Cortex. <i>Journal of Neuroscience</i> , 2006, 26, 429-434.	1.7	27
29	Modification of Pax6 and Olig2 Expression in Adult Hippocampal Neurogenesis Selectively Induces Stem Cell Fate and Alters Both Neuronal and Glial Populations. <i>Stem Cells</i> , 2012, 30, 500-509.	1.4	25
30	Insights into neurogenesis and aging: potential therapy for degenerative disease?. <i>Future Neurology</i> , 2010, 5, 527-541.	0.9	24
31	Even neural stem cells get the blues: evidence for a molecular link between modulation of adult neurogenesis and depression. <i>Gene Expression</i> , 2008, 14, 183-93.	0.5	24
32	A Clinically Relevant Closed-Head Model of Single and Repeat Concussive Injury in the Adult Rat Using a Controlled Cortical Impact Device. <i>Journal of Neurotrauma</i> , 2017, 34, 1351-1363.	1.7	23
33	A Neurogenic Theory of Depression Gains Momentum. <i>Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics</i> , 2003, 3, 441-444.	3.4	18
34	The use of fluorescent probes in cell-counting procedures. , 2004, , 85-114.		15
35	Spatial distribution and cellular composition of adult brain proliferative zones in the teleost, <i>Gymnotus omarorum</i> . <i>Frontiers in Neuroanatomy</i> , 2014, 8, 88.	0.9	14
36	Sustained Hippocampal Synaptic Pathophysiology Following Single and Repeated Closed-Head Concussive Impacts. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 652721.	1.8	7

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37	Prospects for engineering neurons from local neocortical cell populations as cell-mediated therapy for neurological disorders. <i>Journal of Comparative Neurology</i> , 2014, 522, 2857-2876.	0.9	4
38	Induced Neurons for Disease Modeling and Repair: A Focus on Non-fibroblastic Cell Sources in Direct Reprogramming. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 658498.	2.0	3
39	Future Prospects of Gene Therapy for Treating CNS Diseases. , 2000, , 485-508.		1
40	Trophic Factors in Experimental Models of Adult Central Nervous System Injury. <i>Cerebral Cortex</i> , 1999, , 129-173.	0.6	0