# Daniel A Peterson

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10520494/publications.pdf

Version: 2024-02-01

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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 | Neurogenesis in the adult human hippocampus. Nature Medicine, 1998, 4, 1313-1317. | 30.7 | 5,606 |
| 2 | 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 |
| 3 | 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 |
| 4 | Multipotent progenitor cells in the adult dentate gyrus. Journal of Neurobiology, 1998, 36, 249-266. | 3.6 | 635 |
| 5 | Sustained expression of genes delivered directly into liver and muscle by lentiviral vectors. Nature Genetics, 1997, 17, 314-317. | 21.4 | 620 |
| 6 | Differentiation of adult hippocampus-derived progenitors into olfactory neurons in vivo. Nature, 1996, 383, 624-627. | 27.8 | 599 |
| 7 | When neurogenesis encounters aging and disease. Trends in Neurosciences, 2010, 33, 569-579. | 8.6 | 337 |
| 8 | 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 |
| 9 | Acute Psychosocial Stress Reduces Cell Survival in Adult Hippocampal Neurogenesis without Altering Proliferation. Journal of Neuroscience, 2007, 27, 2734-2743. | 3.6 | 213 |
| 10 | 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 |
| 11 | Targeted Retrograde Gene Delivery for Neuronal Protection. Molecular Therapy, 2002, 5, 50-56. | 8.2 | 144 |
| 12 | 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 |
| 13 | Stem cell proliferative history in tissue revealed by temporal halogenated thymidine analog discrimination. Nature Methods, 2005, 2, 167-169. | 19.0 | 115 |
| 14 | Stem cells in brain plasticity and repair. Current Opinion in Pharmacology, 2002, 2, 34-42. | 3.5 | 95 |
| 15 | 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 |
| 16 | Quantitative Histology Using Confocal Microscopy: Implementation of Unbiased Stereology Procedures. Methods, 1999, 18, 493-507. | 3.8 | 88 |
| 17 | Central neuronal loss and behavioral impairment in mice lacking neurotrophin receptor p75. Journal of Comparative Neurology, 1999, 404, 1-20. | 1.6 | 87 |
| 18 | Neurogenesis and brain injury: managing a renewable resource for repair. Journal of Clinical Investigation, 2003, 112, 1128-1133. | 8.2 | 87 |

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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 | Neural stem cells as therapeutic agents for age-related brain repair. Aging Cell, 2004, 3, 345-351. | 6.7 | 64 |
| 21 | Survival advantage of neonatal CNS gene transfer for late infantile neuronal ceroid lipofuscinosis. Experimental Neurology, 2008, 213, 18-27. | 4.1 | 59 |
| 22 | Detection and Phenotypic Characterization of Adult Neurogenesis. Cold Spring Harbor Perspectives in Biology, 2016, 8, a025981. | 5.5 | 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. Journal of Comparative Neurology, 2006, 498, 1-15. | 1.6 | 57 |
| 24 | Neurogenesis and brain injury: managing a renewable resource for repair. Journal of Clinical Investigation, 2003, 112, 1128-1133. | 8.2 | 56 |
| 25 | 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 |
| 26 | Whole-brain 3D mapping of human neural transplant innervation. Nature Communications, 2017, 8, 14162. | 12.8 | 46 |
| 27 | 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 |
| 28 | 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 |
| 29 | 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 |
| 30 | Insights into neurogenesis and aging: potential therapy for degenerative disease?. Future Neurology, 2010, 5, 527-541. | 0.5 | 24 |
| 31 | 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 |
| 32 | 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 |
| 33 | A Neurogenic Theory of Depression Gains Momentum. Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics, 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, Gymnotus omarorum. Frontiers in Neuroanatomy, 2014, 8, 88. | 1.7 | 14 |
| 36 | Sustained Hippocampal Synaptic Pathophysiology Following Single and Repeated Closed-Head Concussive Impacts. Frontiers in Cellular Neuroscience, 2021, 15, 652721. | 3.7 | 7 |

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|---|---|---|---|
| 37 | 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 |
| 38 | 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 |
| 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. Cerebral Cortex, 1999, , 129-173. | 0.6 | 0 |