

James L Olds

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8719796/james-l-olds-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

54
papers

1,360
citations

18
h-index

36
g-index

75
ext. papers

1,490
ext. citations

6.2
avg, IF

4.83
L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 54 | Imaging of memory-specific changes in the distribution of protein kinase C in the hippocampus. <i>Science</i> , 1989 , 245, 866-9 | 33.3 | 252 |
| 53 | Learning and memory. FESN Study Group. <i>Brain Research Reviews</i> , 1991 , 16, 193-220 | | 127 |
| 52 | Lithium decreases membrane-associated protein kinase C in hippocampus: selectivity for the alpha isozyme. <i>Journal of Neurochemistry</i> , 1993 , 61, 2303-10 | 6 | 117 |
| 51 | Discrimination learning alters the distribution of protein kinase C in the hippocampus of rats. <i>Journal of Neuroscience</i> , 1990 , 10, 3707-13 | 6.6 | 105 |
| 50 | Protein kinase injection reduces voltage-dependent potassium currents. <i>Science</i> , 1983 , 219, 303-6 | 33.3 | 86 |
| 49 | Does COVID19 Infect the Brain? If So, Smokers Might Be at a Higher Risk. <i>Molecular Pharmacology</i> , 2020 , 97, 351-353 | 4.3 | 72 |
| 48 | Is nicotine exposure linked to cardiopulmonary vulnerability to COVID-19 in the general population?. <i>FEBS Journal</i> , 2020 , 287, 3651-3655 | 5.7 | 61 |
| 47 | Calexitin: a signaling protein that binds calcium and GTP, inhibits potassium channels, and enhances membrane excitability. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 13808-13 | 11.5 | 49 |
| 46 | Contraction of neuronal branching volume: an anatomic correlate of Pavlovian conditioning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1990 , 87, 1611-4 | 11.5 | 49 |
| 45 | Microbial resolution of whole genome shotgun and 16S amplicon metagenomic sequencing using publicly available NEON data. <i>PLoS ONE</i> , 2020 , 15, e0228899 | 3.7 | 43 |
| 44 | Cell specificity of molecular changes during memory storage. <i>Journal of Neurochemistry</i> , 1993 , 60, 646-51 | | 42 |
| 43 | Dendritic transport. I. Colchicine stimulates the transport of lysosomal enzymes from cell bodies to dendrites. <i>Journal of Neuroscience</i> , 1985 , 5, 2009-17 | 6.6 | 36 |
| 42 | Protein kinase C redistribution within CA3 stratum oriens during acquisition of nictitating membrane conditioning in the rabbit. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991 , 88, 6637-41 | 11.5 | 29 |
| 41 | Secondary structure and Ca ²⁺ -induced conformational change of calexitin, a learning-associated protein. <i>Journal of Biological Chemistry</i> , 1997 , 272, 24771-9 | 5.4 | 27 |
| 40 | Imaging protein kinase C activation in living sea urchin eggs after fertilization. <i>Developmental Biology</i> , 1995 , 172, 675-82 | 3.1 | 25 |
| 39 | Alzheimer and beta-amyloid-treated fibroblasts demonstrate a decrease in a memory-associated GTP-binding protein, Cp20. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995 , 92, 3060-4 | 11.5 | 24 |
| 38 | Protein kinase C in the hippocampus is altered by spatial but not cued discriminations: a component task analysis. <i>Brain Research</i> , 1995 , 676, 53-62 | 3.7 | 23 |

| | | | |
|----|---|------|----|
| 37 | A sequential double-label autoradiographic method that quantifies altered rates of regional glucose metabolism. <i>Brain Research</i> , 1985 , 361, 217-24 | 3.7 | 21 |
| 36 | Partial reinforcement across trials impairs escape performance but spares place learning in the water maze. <i>Behavioural Brain Research</i> , 2003 , 141, 91-104 | 3.4 | 18 |
| 35 | Classical conditioning increases membrane-bound protein kinase C in rabbit cerebellum. <i>NeuroReport</i> , 1998 , 9, 2669-73 | 1.7 | 16 |
| 34 | Lateralization of membrane-associated protein kinase C in rat piriform cortex: specific to operant training cues in the olfactory modality. <i>Behavioural Brain Research</i> , 1994 , 61, 37-46 | 3.4 | 16 |
| 33 | Time-resolved imaging of protein kinase C activation during sea urchin egg fertilization. <i>Experimental Cell Research</i> , 1997 , 234, 115-24 | 4.2 | 15 |
| 32 | A room with a view and a polarizing cue: individual differences in the stimulus control of place navigation and passive latent learning in the water maze. <i>Neurobiology of Learning and Memory</i> , 2002 , 78, 79-99 | 3.1 | 15 |
| 31 | Theta phase precession emerges from a hybrid computational model of a CA3 place cell. <i>Cognitive Neurodynamics</i> , 2007 , 1, 237-48 | 4.2 | 14 |
| 30 | Protein kinase C: a nexus in the biochemical events that underlie associative learning. <i>Acta Neurobiologiae Experimentalis</i> , 1993 , 53, 197-207 | 1 | 9 |
| 29 | Gated informational transfer within the mammalian hippocampus: a new hypothesis. <i>Behavioural Brain Research</i> , 1993 , 54, 111-6 | 3.4 | 8 |
| 28 | Incorporation of fluorescent lipids into living rabbit hippocampal and cerebellar slices. <i>NeuroImage</i> , 1994 , 1, 264-75 | 7.9 | 7 |
| 27 | Neuroscience, Neurotechnology, and National Security: The Need for Preparedness and an Ethics of Responsible Action. <i>AJOB Neuroscience</i> , 2010 , 1, 35-36 | 0.8 | 6 |
| 26 | Making BREAD: Biomimetic Strategies for Artificial Intelligence Now and in the Future. <i>Frontiers in Neuroscience</i> , 2019 , 13, 666 | 5.1 | 5 |
| 25 | Quantitative distribution of protein kinase C alpha, beta, gamma, and epsilon mRNAs in the hippocampus of control and nictitating membrane conditioned rabbits. <i>Molecular Brain Research</i> , 1993 , 19, 269-76 | | 5 |
| 24 | Biofixation of atmospheric nitrogen in the context of world staple crop production: Policy perspectives. <i>Science of the Total Environment</i> , 2020 , 701, 134945 | 10.2 | 4 |
| 23 | The Interfluence of Neuroscience, Neuroethics, and Legal and Social Issues: The Need for (N)ELSI. <i>AJOB Neuroscience</i> , 2010 , 1, 12-14 | 0.8 | 3 |
| 22 | Cognitive Technology 2016 , 227-238 | | 3 |
| 21 | The Delta Variant Had Negligible Impact on COVID-19 Vaccine Effectiveness in the USA | | 3 |
| 20 | Intellectual property conundrum for the biological sciences. <i>The Anatomical Record</i> , 2004 , 277, 5-9 | | 2 |

| | | | |
|----|--|------|---|
| 19 | How brains make up their mind. <i>Complexity</i> , 2001 , 6, 23-26 | 1.6 | 2 |
| 18 | Implications: Human Cognition and Communication and the Emergence of the Cognitive Society. <i>Science Policy Reports</i> , 2013 , 223-253 | | 2 |
| 17 | Response to Comments on "Does COVID19 Infect the Brain? If So, Smokers Might Be at a Higher Risk". <i>Molecular Pharmacology</i> , 2020 , 98, 384-385 | 4.3 | 2 |
| 16 | Models and mechanisms of regenerative biology across phylogeny: introduction to a virtual symposium in <i>The Biological Bulletin</i> . <i>Biological Bulletin</i> , 2011 , 221, 3-5 | 1.5 | 1 |
| 15 | Heterogenous Distribution of Fluorescent Phorbol Ester Signal in Living Sea Urchin Embryos. <i>Biological Bulletin</i> , 1992 , 183, 365-366 | 1.5 | 1 |
| 14 | For an international decade of the mind. <i>The Malaysian Journal of Medical Sciences</i> , 2011 , 18, 1-2 | 1.3 | 1 |
| 13 | Categorizing Professionals Perspectives on Environmental Communication with Implications for Graduate Education. <i>Environmental Communication</i> , 2021 , 15, 447-464 | 2.6 | 1 |
| 12 | Synchronized changes to relative neuron populations in postnatal human neocortical development. <i>Cognitive Neurodynamics</i> , 2010 , 4, 151-63 | 4.2 | 0 |
| 11 | Capitol Hill update. <i>The Anatomical Record</i> , 1998 , 253, 3-4 | | |
| 10 | Reorganization of NIH's neuroscience study sections: part of a larger integration plan. <i>The Anatomical Record</i> , 1998 , 253, 36 | | |
| 9 | Administering a national historic landmark for medicine. A conversation with Dr. Adrienne Noe, director of the National Museum of Health and Medicine, Washington, DC. Interview by James L. Olds. <i>The Anatomical Record</i> , 1998 , 253, 135-8 | | |
| 8 | Election 2004: the implications for biomedical research. <i>The Anatomical Record</i> , 2004 , 280, 6-7 | | |
| 7 | Election 2002 update: the fallout for NIH appropriations. <i>The Anatomical Record</i> , 2003 , 270, 2-3 | | |
| 6 | Capitol hill update fall 2000. <i>The Anatomical Record</i> , 2000 , 261, 168-9 | | |
| 5 | Capitol Hill update. <i>The Anatomical Record</i> , 1999 , 257, 4-5 | | |
| 4 | Statistical Outliers in Neuron Population and Myelinated Fiber Development in Human Neocortex 2008 , 203-206 | | |
| 3 | Redefining rats, mice, and birds. AAA (American Association of Anatomists) Public Affairs Committee. <i>Science</i> , 1999 , 284, 49-50 | 33.3 | |
| 2 | Cognitive Technology 2014 , 1-9 | | |

- 1 Nicotinic receptor targeting in physiological and environmental vulnerability: A whole of biosphere perspective. *Science of the Total Environment*, **2021**, 780, 146642 10.2