

James L Olds

List of Publications by Year in Descending Order

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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	Categorizing Professionals Perspectives on Environmental Communication with Implications for Graduate Education. <i>Environmental Communication</i> , 2021 , 15, 447-464	2.6	1
53	Nicotinic receptor targeting in physiological and environmental vulnerability: A whole of biosphere perspective. <i>Science of the Total Environment</i> , 2021 , 780, 146642	10.2	
52	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
51	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
50	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
49	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
48	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
47	Making BREAD: Biomimetic Strategies for Artificial Intelligence Now and in the Future. <i>Frontiers in Neuroscience</i> , 2019 , 13, 666	5.1	5
46	Cognitive Technology 2016 , 227-238		3
45	Cognitive Technology 2014 , 1-9		
44	Implications: Human Cognition and Communication and the Emergence of the Cognitive Society. <i>Science Policy Reports</i> , 2013 , 223-253		2
43	Models and mechanisms of regenerative biology across phylogeny: introduction to a virtual symposium in The Biological Bulletin. <i>Biological Bulletin</i> , 2011 , 221, 3-5	1.5	1
42	For an international decade of the mind. <i>The Malaysian Journal of Medical Sciences</i> , 2011 , 18, 1-2	1.3	1
41	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
40	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
39	Synchronized changes to relative neuron populations in postnatal human neocortical development. <i>Cognitive Neurodynamics</i> , 2010 , 4, 151-63	4.2	0
38	Statistical Outliers in Neuron Population and Myelinated Fiber Development in Human Neocortex 2008 , 203-206		

37	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
36	Intellectual property conundrum for the biological sciences. <i>The Anatomical Record</i> , 2004 , 277, 5-9		2
35	Election 2004: the implications for biomedical research. <i>The Anatomical Record</i> , 2004 , 280, 6-7		
34	Election 2002 update: the fallout for NIH appropriations. <i>The Anatomical Record</i> , 2003 , 270, 2-3		
33	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
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	How brains make up their mind. <i>Complexity</i> , 2001 , 6, 23-26	1.6	2
30	Capitol hill update fall 2000. <i>The Anatomical Record</i> , 2000 , 261, 168-9		
29	Capitol Hill update. <i>The Anatomical Record</i> , 1999 , 257, 4-5		
28	Redefining rats, mice, and birds. AAA (American Association of Anatomists) Public Affairs Committee. <i>Science</i> , 1999 , 284, 49-50	33.3	
27	Capitol Hill update. <i>The Anatomical Record</i> , 1998 , 253, 3-4		
26	Reorganization of NIH's neuroscience study sections: part of a larger integration plan. <i>The Anatomical Record</i> , 1998 , 253, 36		
25	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		
24	Classical conditioning increases membrane-bound protein kinase C in rabbit cerebellum. <i>NeuroReport</i> , 1998 , 9, 2669-73	1.7	16
23	Secondary structure and Ca ²⁺ -induced conformational change of calyculin, a learning-associated protein. <i>Journal of Biological Chemistry</i> , 1997 , 272, 24771-9	5.4	27
22	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
21	Calyculin: 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
20	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

19	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
18	Imaging protein kinase C activation in living sea urchin eggs after fertilization. <i>Developmental Biology</i> , 1995 , 172, 675-82	3.1	25
17	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
16	Incorporation of fluorescent lipids into living rabbit hippocampal and cerebellar slices. <i>NeuroImage</i> , 1994 , 1, 264-75	7.9	7
15	Gated informational transfer within the mammalian hippocampus: a new hypothesis. <i>Behavioural Brain Research</i> , 1993 , 54, 111-6	3.4	8
14	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
13	Cell specificity of molecular changes during memory storage. <i>Journal of Neurochemistry</i> , 1993 , 60, 646-51		42
12	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
11	Protein kinase C: a nexus in the biochemical events that underlie associative learning. <i>Acta Neurobiologiae Experimentalis</i> , 1993 , 53, 197-207	1	9
10	Heterogenous Distribution of Fluorescent Phorbol Ester Signal in Living Sea Urchin Embryos. <i>Biological Bulletin</i> , 1992 , 183, 365-366	1.5	1
9	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
8	Learning and memory. FESN Study Group. <i>Brain Research Reviews</i> , 1991 , 16, 193-220		127
7	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
6	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
5	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
4	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
3	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
2	Protein kinase injection reduces voltage-dependent potassium currents. <i>Science</i> , 1983 , 219, 303-6	33.3	86

1 The Delta Variant Had Negligible Impact on COVID-19 Vaccine Effectiveness in the USA