John A Pollock

List of Publications by Year
in descending order

38	1,117	430874 18	395702 33
papers	citations	h-index	g-index

38	38	38	855
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Molecular characterization and expression of sevenless, a gene involved in neuronal pattern formation in the Drosophila eye. Cell, 1987, 49, 281-291.	28.9	166
2	Transcript localization of four opsin genes in the three visual organs of Drosophila; RH2 is ocellus specific. Nature, 1988, 333, 779-782.	27.8	158
3	Twenty Drosophila visual system cDNA clones: one is a homolog of human arrestin.. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 1008-1012.	7.1	112
4	Coexpression of Drosophila TRP and TRP-like proteins in Xenopus oocytes reconstitutes capacitative Ca2+ entry. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 14146-14151.	7.1	102
5	Region-specific expression of a K+ channel gene in brain.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 4603-4607.	7.1	53
6	Cyclooxgenase-2 Inhibiting Perfluoropoly (Ethylene Glycol) Ether Theranostic Nanoemulsionsâ€"In Vitro Study. PLoS ONE, 2013, 8, e55802.	2.5	44
7	Mutants ofPhycomyces with enhanced tropisms. Experimental Mycology, 1983, 7, 241-252.	1.6	39
8	Low-dose NSAIDs reduce pain via macrophage targeted nanoemulsion delivery to neuroinflammation of the sciatic nerve in rat. Journal of Neuroimmunology, 2018, 318, 72-79.	2.3	36
9	Imaging Neuroinflammation In Vivo in a Neuropathic Pain Rat Model with Near-Infrared Fluorescence and 19F Magnetic Resonance. PLoS ONE, 2014, 9, e90589.	2.5	36
10	Subcellular localization of transcripts in Drosophila photoreceptor neurons: chaoptic mutants have an aberrant distribution.. Genes and Development, 1990, 4, 806-821.	5.9	35
11	Two-color fluorescent (near-infrared and visible) triphasic perfluorocarbon nanoemulsions. Journal of Biomedical Optics, 2013, 18, 101312.	2.6	30
12	In vivo and systems biology studies implicate IL-18 as a central mediator in chronic pain. Journal of Neuroimmunology, 2015, 283, 43-49.	2.3	27
13	Expression of ion Channel Genes inDrosophila. Journal of Neurogenetics, 1991, 7, 229-239.	1.4	24
14	Nanomedicine-driven neuropathic pain relief in a rat model is associated with macrophage polarity and mast cell activation. Acta Neuropathologica Communications, 2019, 7, 108.	5.2	22
15	Genetic Analysis of theLozengeGene Complex inDrosophila Melanogaster: Adult Visual System Phenotypes. Journal of Neurogenetics, 1996, 10, 193-220.	1.4	21
16	Analysis of microsomal flavoproteins from Phycomyces sporangiophores: Candidates for the blue-light photoreceptor. Planta, 1985, 163, 506-516.	3.2	20
17	Câ€terminal domains within human MT₁ and MT₂ melatonin receptors are involved in internalization processes. Journal of Pineal Research, 2008, 45, 212-218.	7.4	20
18	Differential Expression of Neuroinflammatory mRNAs in the Rat Sciatic Nerve Following Chronic Constriction Injury and Pain-Relieving Nanoemulsion NSAID Delivery to Infiltrating Macrophages. International Journal of Molecular Sciences, 2019, 20, 5269.	4.1	20

#	Article	IF	Citations
19	Mutations in lozenge and D-Pax2 invoke ectopic patterned cell death in the developing Drosophila eye using distinct mechanisms. Development Genes and Evolution, 2003, 213, 107-119.	0.9	19
20	Alternative splicing removes an Ets interaction domain from Lozenge during Drosophila eye development. Development Genes and Evolution, 2005, 215, 423-435.	0.9	17
21	Yan regulates Lozenge during Drosophila eye development. Development Genes and Evolution, 2002, 212, 267-276.	0.9	16
22	Ttk69-dependent repression of lozenge prevents the ectopic development of R7 cells in the Drosophila larval eye disc. BMC Developmental Biology, 2009, 9, 64.	2.1	14
23	Automated Light Microscopy for the Study of the Brain: Cellular and Molecular Dynamics, Development, and Tumorigenesis. Annals of the New York Academy of Sciences, 1997, 820, 208-228.	3.8	13
24	Summer undergraduate research: A new pipeline for pain clinical practice and research. BMC Medical Education, 2016, 16, 135.	2.4	10
25	A FLAVOPROTEIN IN Phycomyces blakesleeanus WITH SHORT FLUORESCENCE LIFETIME. Photochemistry and Photobiology, 1985, 41, 351-354.	2.5	9
26	Behavioral and inflammatory sex differences revealed by celecoxib nanotherapeutic treatment of peripheral neuroinflammation. Scientific Reports, 2022, 12, .	3.3	7
27	Electrophoretic analysis of proteins from night-blind mutants of Phycomyces. Biochemical Genetics, 1985, 23, 379-390.	1.7	6
28	Examination of Phycomyces blakesleeanus for nitrate reductase as a possible blue light photoreceptor. Plant Science, 1985, 40, 173-177.	3.6	5
29	Suppressing inflammation from inside out with novel NIR visible perfluorocarbon nanotheranostics. Proceedings of SPIE, 2013, , .	0.8	5
30	A New Best Practice for Validating Tail Vein Injections in Rat with Near-infrared-Labeled Agents. Journal of Visualized Experiments, 2019, , .	0.3	5
31	Backward design as a mobile application development strategy. Educational Technology Research and Development, 2019, 67, 711-731.	2.8	5
32	Targeted cyclooxygenase-2 inhibiting nanomedicine results in pain-relief and differential expression of the RNA transcriptome in the dorsal root ganglia of injured male rats. Molecular Pain, 2020, 16, 174480692094330.	2.1	5
33	A Family-Centered Educational Program to Promote Independence in Pediatric Heart Transplant Recipients. Progress in Transplantation, 2011, 21, 61-66.	0.7	4
34	A family-centered educational program to promote independence in pediatric heart transplant recipients. Progress in Transplantation, 2011, 21, 61-66.	0.7	4
35	The Tree, the Spiral and the Web of Life: A Visual Exploration of Biological Evolution for Public Murals. Leonardo, 2012, 45, 18-25.	0.3	3
36	HelmsmanIs Expressed in Both Trachea and Photoreceptor Development: Partial Inactivation Alters Tracheal Morphology and Visually Guided Behavior. Journal of Neurogenetics, 2008, 22, 117-137.	1.4	2

#	Article	IF	Citations
37	The Use of a Mobile Application to Teach Concussion-Related Health Knowledge. Journal of STEM Outreach, 2020, 3, .	0.5	2
38	Evaluating Learning and Attitudes on Tissue Engineering: A Study of Children Viewing Animated Digital Dome Shows Detailing the Biomedicine of Tissue Engineering. Tissue Engineering - Part A, 2012, 18, 576-586.	3.1	1