

Rc Hardie

List of Publications by Year in descending order

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15
papers

1,056
citations

759055

12
h-index

1125617

13
g-index

15
all docs

15
docs citations

15
times ranked

463
citing authors

#	ARTICLE	IF	CITATIONS
1	Phototransduction in Microvillar Photoreceptors of Drosophila and Other Invertebrates. , 2008, , 77-130.		54
2	Molecular Basis of Amplification in Drosophila Phototransduction. Neuron, 2002, 36, 689-701.	3.8	111
3	Chapter 9 Genetic dissection of Drosophila phototransduction. Handbook of Biological Physics, 2000, 3, 449-525.	0.8	30
4	Thapsigargin and receptor-mediated activation of Drosophila TRPL channels stably expressed in a Drosophila S2 cell line. Cell Calcium, 1998, 23, 219-228.	1.1	20
5	Functional equivalence of native light-sensitive channels in the Drosophila trp301 mutant and TRPL cation channels expressed in a stably transfected Drosophila cell line. Cell Calcium, 1997, 21, 431-440.	1.1	66
6	Excitation of Drosophila photo-receptors by BAPTA and ionomycin: evidence for capacitative Ca ²⁺ entry?. Cell Calcium, 1996, 20, 315-327.	1.1	45
7	A quantitative estimate of the maximum amount of light-induced Ca ²⁺ release in Drosophila photoreceptors. Journal of Photochemistry and Photobiology B: Biology, 1996, 35, 83-89.	1.7	10
8	Different photoreceptors within the same retina express unique combinations of potassium channels. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1996, 178, 513.	0.7	16
9	Effects of intracellular Ca ²⁺ chelation on the light response in Drosophila photoreceptors. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1995, 177, 707-21.	0.7	21
10	Properties of histamine-activated chloride channels in the large monopolar cells of the dipteran compound eye: a comparative study. Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology, 1995, 176, 611.	0.7	0
11	Phosphoinositide-mediated phototransduction in Drosophila photoreceptors: the role of Ca ²⁺ and trp. Cell Calcium, 1995, 18, 256-274.	1.1	119
12	Photolysis of caged Ca ²⁺ facilitates and inactivates but does not directly excite light-sensitive channels in Drosophila photoreceptors. Journal of Neuroscience, 1995, 15, 889-902.	1.7	114
13	TRP, a protein essential for inositide-mediated Ca ²⁺ influx is localized adjacent to the calcium stores in Drosophila photoreceptors. Journal of Neuroscience, 1995, 15, 3747-3760.	1.7	68
14	Novel Ca ²⁺ channels underlying transduction in Drosophila photoreceptors: implications for phosphoinositide-mediated Ca ²⁺ mobilization. Trends in Neurosciences, 1993, 16, 371-376.	4.2	265
15	Voltage-sensitive potassium channels in Drosophila photoreceptors. Journal of Neuroscience, 1991, 11, 3079-3095.	1.7	117