

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 | 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 |
| 2 | Phosphoinositide-mediated phototransduction in Drosophila photoreceptors: the role of Ca ²⁺ and trp. Cell Calcium, 1995, 18, 256-274. | 1.1 | 119 |
| 3 | Voltage-sensitive potassium channels in Drosophila photoreceptors. Journal of Neuroscience, 1991, 11, 3079-3095. | 1.7 | 117 |
| 4 | 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 |
| 5 | Molecular Basis of Amplification in Drosophila Phototransduction. Neuron, 2002, 36, 689-701. | 3.8 | 111 |
| 6 | 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 |
| 7 | 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 |
| 8 | Phototransduction in Microvillar Photoreceptors of Drosophila and Other Invertebrates. , 2008, , 77-130. | | 54 |
| 9 | Excitation of Drosophila photo-receptors by BAPTA and ionomycin: evidence for capacitative Ca ²⁺ entry?. Cell Calcium, 1996, 20, 315-327. | 1.1 | 45 |
| 10 | Chapter 9 Genetic dissection of Drosophila phototransduction. Handbook of Biological Physics, 2000, 3, 449-525. | 0.8 | 30 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |