

Kenneth T Wann

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

749
citations

567281

15
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

958
citing authors

#	ARTICLE	IF	CITATIONS
1	Lactose causes heart arrhythmia in the water flea <i>Daphnia pulex</i> . <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2004, 139, 225-234.	1.6	79
2	Selectivity mechanism of the mechanosensitive channel MscS revealed by probing channel subconducting states. <i>Nature Communications</i> , 2013, 4, 2137.	12.8	78
3	Bacterial metabolic α -toxins TM : A new mechanism for lactose and food intolerance, and irritable bowel syndrome. <i>Toxicology</i> , 2010, 278, 268-276.	4.2	75
4	ATP Regulates Calcium Efflux and Growth in <i>E. coli</i> . <i>Journal of Molecular Biology</i> , 2009, 391, 42-56.	4.2	61
5	Downregulation of the HERG (KCNH2) K ⁺ channel by ceramide: evidence for ubiquitin-mediated lysosomal degradation. <i>Journal of Cell Science</i> , 2005, 118, 5325-5334.	2.0	60
6	Homozygosity for a HERG potassium channel mutation causes a severe form of long QT syndrome: identification of an apparent founder mutation in the Finns. <i>Journal of the American College of Cardiology</i> , 2000, 35, 1919-1925.	2.8	56
7	Methylglyoxal and other carbohydrate metabolites induce lanthanum-sensitive Ca ²⁺ transients and inhibit growth in <i>E. coli</i> . <i>Archives of Biochemistry and Biophysics</i> , 2007, 468, 107-113.	3.0	51
8	pH and monovalent cations regulate cytosolic free Ca ²⁺ in <i>E. coli</i> . <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2008, 1778, 1415-1422.	2.6	42
9	A large-conductance (BK) potassium channel subtype affects both growth and mineralization of human osteoblasts. <i>American Journal of Physiology - Cell Physiology</i> , 2009, 297, C1397-C1408.	4.6	41
10	Enzymatic activity of albumin shown by coelenterazine chemiluminescence. <i>Luminescence</i> , 2012, 27, 234-241.	2.9	41
11	Fermentation product butane 2,3-diol induces Ca ²⁺ transients in <i>E. coli</i> through activation of lanthanum-sensitive Ca ²⁺ channels. <i>Cell Calcium</i> , 2007, 41, 97-106.	2.4	36
12	Effects of High Helium Pressure on Intracellular and Field Potential Responses in the CA1 Region of the In Vitro Rat Hippocampus. <i>European Journal of Neuroscience</i> , 1996, 8, 2571-2581.	2.6	19
13	Cytosolic Ca ²⁺ regulates protein expression in <i>E. coli</i> through release from inclusion bodies. <i>Biochemical and Biophysical Research Communications</i> , 2007, 360, 33-39.	2.1	19
14	Natriuretic peptides modulate ATP-sensitive K ⁺ channels in rat ventricular cardiomyocytes. <i>Basic Research in Cardiology</i> , 2014, 109, 402.	5.9	18
15	The effects of non-competitive NMDA receptor antagonists on rats exposed to hyperbaric pressure. <i>European Journal of Pharmacology</i> , 1989, 165, 107-112.	3.5	15
16	Selectivity mechanisms in MscS-like channels. <i>Channels</i> , 2014, 8, 5-12.	2.8	11
17	The cellular actions of the avermectins. <i>Phytotherapy Research</i> , 1987, 1, 143-150.	5.8	9
18	The action of anaesthetics and high pressure on neuronal discharge patterns. <i>General Pharmacology</i> , 1992, 23, 993-1004.	0.7	9

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19	Characterisation of large-conductance calcium-activated potassium channels (BKCa) in human NT2-N cells. <i>Brain Research</i> , 2007, 1129, 15-25.	2.2	8
20	Potassium channels in hippocampal neurones are absent in a transgenic but not in a chemical model of Alzheimer's disease. <i>Brain Research</i> , 2008, 1190, 1-14.	2.2	8
21	Knockdown of the small conductance Ca ²⁺ -activated K ⁺ channels is potently cytotoxic in breast cancer cell lines. <i>British Journal of Pharmacology</i> , 2016, 173, 177-190.	5.4	8
22	In vitro patch-clamp studies in skin fibroblasts. <i>Journal of Pharmacological and Toxicological Methods</i> , 1998, 39, 229-233.	0.7	5
23	High activity K ⁺ channels in rat hippocampal neurones maintained in culture. <i>Experimental Physiology</i> , 1999, 84, 501-514.	2.0	0