

Thomas E Fisher

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9043627/publications.pdf>

Version: 2024-02-01

26
papers

1,811
citations

623734

14
h-index

677142

22
g-index

26
all docs

26
docs citations

26
times ranked

1877
citing authors

#	ARTICLE	IF	CITATIONS
1	PLC β 1 Plays Central Roles in the Osmotic Activation of N^1 -TRPV1 Channels in Mouse Supraoptic Neurons and in Murine Osmoregulation. <i>Journal of Neuroscience</i> , 2021, 41, 3579-3587.	3.6	5
2	Osmotic activation of a Ca^{2+} -dependent phospholipase C pathway that regulates N^1 -TRPV1-mediated currents in rat supraoptic neurons. <i>Physiological Reports</i> , 2017, 5, e13259.	1.7	11
3	The Ca^{2+} channel β 2 subunit is selectively targeted to the axon terminals of supraoptic neurons. <i>Channels</i> , 2014, 8, 216-221.	2.8	0
4	Expression of Ca_v 2.2 and Splice Variants of Ca_v 2.1 in Oxytocin- and Vasopressin-Releasing Supraoptic Neurons. <i>Journal of Neuroendocrinology</i> , 2014, 26, 100-110.	2.6	8
5	Osmotic activation of phospholipase C triggers structural adaptation in osmosensitive rat supraoptic neurons. <i>Journal of Physiology</i> , 2014, 592, 4165-4175.	2.9	10
6	The Expression of Voltage-Gated Ca^{2+} Channels in Pituicytes and the Up-Regulation of L^1 -Type Ca^{2+} Channels During Water Deprivation. <i>Journal of Neuroendocrinology</i> , 2009, 21, 858-866.	2.6	27
7	An osmosensitive voltage-gated K^+ current in rat supraoptic neurons. <i>European Journal of Neuroscience</i> , 2009, 29, 2335-2346.	2.6	16
8	An osmosensitive voltage-gated K^+ current in rat supraoptic neurons. <i>European Journal of Neuroscience</i> , 2009, 30, 535-535.	2.6	0
9	Novel Splice Variants of Rat Ca_v 2.1 That Lack Much of the Synaptic Protein Interaction Site Are Expressed in Neuroendocrine Cells. <i>Journal of Biological Chemistry</i> , 2008, 283, 15997-16003.	3.4	22
10	Dehydration increases L^1 -type Ca^{2+} current in rat supraoptic neurons. <i>Journal of Physiology</i> , 2007, 580, 181-193.	2.9	20
11	Bursting with currents. , 2006, , 22-23.		0
12	Norepinephrine triggers release of glial ATP to increase postsynaptic efficacy. <i>Nature Neuroscience</i> , 2005, 8, 1078-1086.	14.8	304
13	A novel osmosensitive voltage gated cation current in rat supraoptic neurones. <i>Journal of Physiology</i> , 2005, 568, 61-68.	2.9	12
14	The function of Ca^{2+} channel subtypes in exocytotic secretion: new perspectives from synaptic and non-synaptic release. <i>Progress in Biophysics and Molecular Biology</i> , 2001, 77, 269-303.	2.9	72
15	Mechanical design of proteins studied by single-molecule force spectroscopy and protein engineering. , 2001, , 63-91.		4
16	Stretching single molecules into novel conformations using the atomic force microscope. <i>Nature Structural Biology</i> , 2000, 7, 719-724.	9.7	283
17	Mechanical design of proteins studied by single-molecule force spectroscopy and protein engineering. <i>Progress in Biophysics and Molecular Biology</i> , 2000, 74, 63-91.	2.9	400
18	Single Molecule Force Spectroscopy of Modular Proteins in the Nervous System. <i>Neuron</i> , 2000, 27, 435-446.	8.1	50

#	ARTICLE	IF	CITATIONS
19	Intracellular Ca ²⁺ -channel immunoreactivity in neuroendocrine axon terminals. FEBS Letters, 2000, 482, 131-138.	2.8	13
20	Pulsed Laser Imaging of Ca ²⁺ -Influx in a Neuroendocrine Terminal. Journal of Neuroscience, 1999, 19, 7450-7457.	3.6	8
21	The micro-mechanics of single molecules studied with atomic force microscopy. Journal of Physiology, 1999, 520, 5-14.	2.9	68
22	The study of protein mechanics with the atomic force microscope. Trends in Biochemical Sciences, 1999, 24, 379-384.	7.5	313
23	Density of transient K ⁺ -current influences excitability in acutely isolated vasopressin and oxytocin neurones of rat hypothalamus. Journal of Physiology, 1998, 511, 423-432.	2.9	38
24	Calcium-channel subtypes in the somata and axon terminals of magnocellular neurosecretory cells. Trends in Neurosciences, 1996, 19, 440-444.	8.6	51
25	Calcium-channel subtypes in the somata and axon terminals of magnocellular neurosecretory cells. Trends in Neurosciences, 1996, 19, 440-444.	8.6	70
26	Pharmacology of methyl- and propyl- β -carbolines in a hereditary model of epilepsy. Neuropharmacology, 1984, 23, 1015-1017.	4.1	6