

Vsevolod Telezhkin

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

587
citations

687363

13
h-index

794594

19
g-index

23
all docs

23
docs citations

23
times ranked

939
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanism of inhibition by hydrogen sulfide of native and recombinant BKCa channels. <i>Respiratory Physiology and Neurobiology</i> , 2010, 172, 169-178.	1.6	92
2	Histamine, histamine receptors, and neuropathic pain relief. <i>British Journal of Pharmacology</i> , 2020, 177, 580-599.	5.4	92
3	Forced cell cycle exit and modulation of GABA _A , CREB, and GSK3 ^β signaling promote functional maturation of induced pluripotent stem cell-derived neurons. <i>American Journal of Physiology - Cell Physiology</i> , 2016, 310, C520-C541.	4.6	66
4	Improving and accelerating the differentiation and functional maturation of human stem cell-derived neurons: role of extracellular calcium and GABA. <i>Journal of Physiology</i> , 2016, 594, 6583-6594.	2.9	50
5	A structural motif in the C-terminal tail of slo1 confers carbon monoxide sensitivity to human BKCa channels. <i>Pflügers Archiv European Journal of Physiology</i> , 2008, 456, 561-572.	2.8	48
6	Cysteine residue 911 in C-terminal tail of human BKCa _α channel subunit is crucial for its activation by carbon monoxide. <i>Pflügers Archiv European Journal of Physiology</i> , 2011, 461, 665-675.	2.8	41
7	Structural Requirements of Membrane Phospholipids for M-type Potassium Channel Activation and Binding. <i>Journal of Biological Chemistry</i> , 2012, 287, 10001-10012.	3.4	34
8	Distinct subunit contributions to the activation of M-type potassium channels by PI(4,5)P ₂ . <i>Journal of General Physiology</i> , 2012, 140, 41-53.	1.9	32
9	Clonal Heterogeneity in the Neuronal and Glial Differentiation of Dental Pulp Stem/Progenitor Cells. <i>Stem Cells International</i> , 2016, 2016, 1-10.	2.5	29
10	A basic residue in the proximal C-terminus is necessary for efficient activation of the M-channel subunit Kv7.2 by PI(4,5)P ₂ . <i>Pflügers Archiv European Journal of Physiology</i> , 2013, 465, 945-953.	2.8	23
11	Oxygen Sensing by the Carotid Body: Is It All Just Rotten Eggs?. <i>Antioxidants and Redox Signaling</i> , 2014, 20, 794-804.	5.4	22
12	Enzyme-Linked Oxygen Sensing by Potassium Channels. <i>Annals of the New York Academy of Sciences</i> , 2009, 1177, 112-118.	3.8	14
13	Characterization of Negative Allosteric Modulators of the Calcium-Sensing Receptor for Repurposing as a Treatment of Asthma. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2021, 376, 51-63.	2.5	14
14	Kv7 channels are upregulated during striatal neuron development and promote maturation of human iPSC-derived neurons. <i>Pflügers Archiv European Journal of Physiology</i> , 2018, 470, 1359-1376.	2.8	13
15	The Role of Kv1.2 Channel in Electrotaxis Cell Migration. <i>Journal of Cellular Physiology</i> , 2016, 231, 1375-1384.	4.1	9
16	Exploring the roles of neuropeptides in trigeminal neuropathic pain: A systematic review and narrative synthesis of animal studies. <i>Archives of Oral Biology</i> , 2021, 130, 105247.	1.8	4
17	Title is missing!. <i>Neurophysiology</i> , 2001, 33, 281-288.	0.3	2
18	Kv7.2/7.3 Channels are Enhanced During Striatal Development and Promote Neuronal Functional Maturation of iPSC Cell-Derived Neurons. <i>Biophysical Journal</i> , 2014, 106, 142a.	0.5	1

#	ARTICLE	IF	CITATIONS
19	Functional Interactions between BKCa [±] -Subunit and Annexin A5: Implications in Apoptosis. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-9.	4.0	1
20	Title is missing!. Neurophysiology, 2003, 35, 1-6.	0.3	0
21	Title is missing!. Neurophysiology, 2003, 35, 67-74.	0.3	0
22	Activation of M-Type Potassium Channels by Different Membrane Phospholipids and Analogs. Biophysical Journal, 2012, 102, 411a.	0.5	0
23	Downâ€regulation of BK channels contributes to pregnancyâ€induced nitrate tolerance in rat maternal uteroplacental circulation. FASEB Journal, 2006, 20, A1177.	0.5	0