

Inger Lauritzen

List of Publications by Year in descending order

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papers

2,874
citations

257450

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docs citations

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times ranked

4217
citing authors

#	ARTICLE	IF	CITATIONS
1	A New Member of the Rho Family, Rnd1, Promotes Disassembly of Actin Filament Structures and Loss of Cell Adhesion. <i>Journal of Cell Biology</i> , 1998, 141, 187-197.	5.2	330
2	Polycystin-1 and -2 Dosage Regulates Pressure Sensing. <i>Cell</i> , 2009, 139, 587-596.	28.9	299
3	A phospholipid sensor controls mechanogating of the K ⁺ channel TREK-1. <i>EMBO Journal</i> , 2005, 24, 44-53.	7.8	215
4	Ryanodine Receptor Blockade Reduces Amyloid- β Load and Memory Impairments in Tg2576 Mouse Model of Alzheimer Disease. <i>Journal of Neuroscience</i> , 2012, 32, 11820-11834.	3.6	197
5	K ⁺ -dependent Cerebellar Granule Neuron Apoptosis. <i>Journal of Biological Chemistry</i> , 2003, 278, 32068-32076.	3.4	177
6	The β -Secretase-Derived C-Terminal Fragment of β APP, C99, But Not A β , Is a Key Contributor to Early Intraneuronal Lesions in Triple-Transgenic Mouse Hippocampus. <i>Journal of Neuroscience</i> , 2012, 32, 16243-16255.	3.6	168
7	Intraneuronal aggregation of the β -CTF fragment of APP (C99) induces A β -independent lysosomal-autophagic pathology. <i>Acta Neuropathologica</i> , 2016, 132, 257-276.	7.7	158
8	Post-translational remodeling of ryanodine receptor induces calcium leak leading to Alzheimer's disease-like pathologies and cognitive deficits. <i>Acta Neuropathologica</i> , 2017, 134, 749-767.	7.7	130
9	The KCNQ2 potassium channel: splice variants, functional and developmental expression. Brain localization and comparison with KCNQ3. <i>FEBS Letters</i> , 1998, 438, 171-176.	2.8	124
10	Crosstalk between the mechano-gated K ^{2P} channel TREK-1 and the actin cytoskeleton. <i>EMBO Reports</i> , 2005, 6, 642-648.	4.5	121
11	Accumulation of Amyloid precursor protein C-terminal fragments triggers mitochondrial structure, function, and mitophagy defects in Alzheimer's disease models and human brains. <i>Acta Neuropathologica</i> , 2021, 141, 39-65.	7.7	114
12	The structure, function and distribution of the mouse TWIK-1 K ⁺ channel. <i>FEBS Letters</i> , 1997, 402, 28-32.	2.8	109
13	A Potent Protective Role of Lysophospholipids against Global Cerebral Ischemia and Glutamate Excitotoxicity in Neuronal Cultures. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2002, 22, 821-834.	4.3	89
14	Nuclear p53-mediated repression of autophagy involves PINK1 transcriptional down-regulation. <i>Cell Death and Differentiation</i> , 2018, 25, 873-884.	11.2	87
15	The Potassium Channel Opener (4 ⁺)-Cromakalim Prevents Glutamate-Induced Cell Death in Hippocampal Neurons. <i>Journal of Neurochemistry</i> , 1997, 69, 1570-1579.	3.9	81
16	Evidence that the Amyloid- β Protein Precursor Intracellular Domain, AICD, Derives From β -Secretase-Generated C-Terminal Fragment. <i>Journal of Alzheimer's Disease</i> , 2012, 30, 145-153.	2.6	73
17	The TASK background K ^{2P} channels: chemo- and nutrient sensors. <i>Trends in Neurosciences</i> , 2007, 30, 573-580.	8.6	68
18	M-type KCNQ2-KCNQ3 potassium channels are modulated by the KCNE2 subunit. <i>FEBS Letters</i> , 2000, 480, 137-141.	2.8	67

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19	β -Amyloid Precursor Protein Intracellular Domain Controls Mitochondrial Function by Modulating Phosphatase and Tensin Homolog-Induced Kinase 1 Transcription in Cells and in Alzheimer Mice Models. <i>Biological Psychiatry</i> , 2018, 83, 416-427.	1.3	45
20	Intraneuronal accumulation of C99 contributes to synaptic alterations, apathy-like behavior, and spatial learning deficits in 3x-TgAD and 2x-TgAD mice. <i>Neurobiology of Aging</i> , 2018, 71, 21-31.	3.1	40
21	Is β -secretase a beneficial inactivating enzyme of the toxic APP C-terminal fragment C99?. <i>Journal of Biological Chemistry</i> , 2021, 296, 100489.	3.4	32
22	Membrane Potential-regulated Transcription of the Resting K ⁺ Conductance TASK-3 via the Calcineurin Pathway. <i>Journal of Biological Chemistry</i> , 2006, 281, 28910-28918.	3.4	30
23	Pkd1-inactivation in vascular smooth muscle cells and adaptation to hypertension. <i>Laboratory Investigation</i> , 2011, 91, 24-32.	3.7	30
24	Targeting β -secretase triggers the selective enrichment of oligomeric APP-CTFs in brain extracellular vesicles from Alzheimer cell and mouse models. <i>Translational Neurodegeneration</i> , 2019, 8, 35.	8.0	28
25	Transcription- and phosphorylation-dependent control of a functional interplay between XBP1s and PINK1 governs mitophagy and potentially impacts Parkinson disease pathophysiology. <i>Autophagy</i> , 2021, 17, 4363-4385.	9.1	26
26	Study on A β ²³⁴ biology and detection in transgenic mice brains. <i>Neurobiology of Aging</i> , 2014, 35, 1570-1581.	3.1	17
27	The Transcription Factor EB Reduces the Intraneuronal Accumulation of the Beta-Secretase-Derived APP Fragment C99 in Cellular and Mouse Alzheimer's Disease Models. <i>Cells</i> , 2020, 9, 1204.	4.1	10
28	The background K ⁺ channel TASK-3 is regulated at both the transcriptional and post-transcriptional levels. <i>Biochemical and Biophysical Research Communications</i> , 2006, 348, 1350-1357.	2.1	6
29	Leaky Ryanodine receptors increases Amyloid-beta load and induces memory impairments in Tg2576 mouse model of Alzheimer disease. <i>Molecular Neurodegeneration</i> , 2013, 8, P54.	10.8	3