

Alexander W Lohman

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,096
citations

759233

12
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

1554
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms of ATP release and signalling in the blood vessel wall. <i>Cardiovascular Research</i> , 2012, 95, 269-280.	3.8	244
2	Metabotropic NMDA receptor signaling couples Src family kinases to pannexin-1 during excitotoxicity. <i>Nature Neuroscience</i> , 2016, 19, 432-442.	14.8	204
3	Pannexin 1 channels regulate leukocyte emigration through the venous endothelium during acute inflammation. <i>Nature Communications</i> , 2015, 6, 7965.	12.8	159
4	A molecular signature in the pannexin1 intracellular loop confers channel activation by the $\hat{1}\pm 1$ adrenoreceptor in smooth muscle cells. <i>Science Signaling</i> , 2015, 8, ra17.	3.6	109
5	Expression of Pannexin Isoforms in the Systemic Murine Arterial Network. <i>Journal of Vascular Research</i> , 2012, 49, 405-416.	1.4	91
6	Pannexin 1 Channels as an Unexpected New Target of the Anti-Hypertensive Drug Spironolactone. <i>Circulation Research</i> , 2018, 122, 606-615.	4.5	76
7	Constitutive SRC-mediated phosphorylation of pannexin 1 at tyrosine 198 occurs at the plasma membrane. <i>Journal of Biological Chemistry</i> , 2019, 294, 6940-6956.	3.4	43
8	Microglia dynamics in adolescent traumatic brain injury. <i>Journal of Neuroinflammation</i> , 2020, 17, 326.	7.2	30
9	A venous-specific purinergic signaling cascade initiated by Pannexin 1 regulates TNF $\hat{1}\pm$ -induced increases in endothelial permeability. <i>Science Signaling</i> , 2021, 14, .	3.6	30
10	Subcellular specificity of cannabinoid effects in striatonigral circuits. <i>Neuron</i> , 2021, 109, 1513-1526.e11.	8.1	29
11	Consideration of Pannexin 1 channels in COVID-19 pathology and treatment. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020, 319, L121-L125.	2.9	24
12	Pannexin 1 as a driver of inflammation and ischemiaâ€“reperfusion injury. <i>Purinergic Signalling</i> , 2021, 17, 521-531.	2.2	22
13	Regulation of pannexin channels in the central nervous system by Src family kinases. <i>Neuroscience Letters</i> , 2019, 695, 65-70.	2.1	15
14	The ketogenic diet raises brain oxygen levels, attenuates postictal hypoxia, and protects against learning impairments. <i>Neurobiology of Disease</i> , 2021, 154, 105335.	4.4	7
15	Examining the Progressive Behavior and Neuropathological Outcomes Associated with Chronic Repetitive Mild Traumatic Brain Injury in Rats. <i>Cerebral Cortex Communications</i> , 2020, 1, tgaa002.	1.6	6
16	Repeated mild traumatic brain injuries in mice cause age- and sex-specific alterations in dendritic spine density. <i>Experimental Neurology</i> , 2022, 357, 114172.	4.1	5
17	Identification of Connexin43 Phosphorylation and S-Nitrosylation in Cultured Primary Vascular Cells. <i>Methods in Molecular Biology</i> , 2016, 1437, 97-111.	0.9	2
18	Pannexin 1 and a Venousâ€“specific Purinergic Cascade Induces Endothelial Leak in Response to TNF $\hat{1}\pm$. <i>FASEB Journal</i> , 2018, 32, 746.9.	0.5	0