

Alexander Slowik

List of Publications by Year in descending order

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29
papers

1,051
citations

394286

19
h-index

477173

29
g-index

30
all docs

30
docs citations

30
times ranked

1615
citing authors

#	ARTICLE	IF	CITATIONS
1	Erythropoietin Abrogates Post-Ischemic Activation of the NLRP3, NLRC4, and AIM2 Inflammasomes in Microglia/Macrophages in a TAK1-Dependent Manner. <i>Translational Stroke Research</i> , 2022, 13, 462-482.	2.3	17
2	Transient Focal Cerebral Ischemia Leads to miRNA Alterations in Different Brain Regions, Blood Serum, Liver, and Spleen. <i>International Journal of Molecular Sciences</i> , 2022, 23, 161.	1.8	7
3	Alteration of miRNA Biogenesis Regulating Proteins in the Human Microglial Cell Line HMC-3 After Ischemic Stress. <i>Molecular Neurobiology</i> , 2021, 58, 1535-1549.	1.9	6
4	Inflammatory Responses of Astrocytes Are Independent from Lipocalin 2. <i>Journal of Molecular Neuroscience</i> , 2021, 71, 933-942.	1.1	7
5	Aggregated Tau-PHF6 (VQIVYK) Potentiates NLRP3 Inflammasome Expression and Autophagy in Human Microglial Cells. <i>Cells</i> , 2021, 10, 1652.	1.8	26
6	Nrf2 deficiency increases oligodendrocyte loss, demyelination, neuroinflammation and axonal damage in an MS animal model. <i>Metabolic Brain Disease</i> , 2020, 35, 353-362.	1.4	33
7	Gonadal Hormones E2 and P Mitigate Cerebral Ischemia-Induced Upregulation of the AIM2 and NLRC4 Inflammasomes in Rats. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4795.	1.8	29
8	Microglial-specific depletion of TAK1 is neuroprotective in the acute phase after ischemic stroke. <i>Journal of Molecular Medicine</i> , 2020, 98, 833-847.	1.7	30
9	NLRP3 Depletion Fails to Mitigate Inflammation but Restores Diminished Phagocytosis in BV-2 Cells After In Vitro Hypoxia. <i>Molecular Neurobiology</i> , 2020, 57, 2588-2599.	1.9	13
10	Impact of Uniaxial Stretching on Both Gliding and Traction Areas of Tendon Explants in a Novel Bioreactor. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2925.	1.8	9
11	Effects of Strontium-Doped β -Tricalcium Scaffold on Longitudinal Nuclear Factor-Kappa Beta and Vascular Endothelial Growth Factor Receptor-2 Promoter Activities during Healing in a Murine Critical-Size Bone Defect Model. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3208.	1.8	9
12	EPO and TMBIM3/GRINA Promote the Activation of the Adaptive Arm and Counteract the Terminal Arm of the Unfolded Protein Response after Murine Transient Cerebral Ischemia. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5421.	1.8	14
13	EPO regulates neuroprotective Transmembrane BAX Inhibitor-1 Motif-containing (TMBIM) family members GRINA and FAIM2 after cerebral ischemia-reperfusion injury. <i>Experimental Neurology</i> , 2019, 320, 112978.	2.0	22
14	Estrogen serum concentration affects blood immune cell composition and polarization in human females under controlled ovarian stimulation. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 178, 340-347.	1.2	28
15	Estrogen Attenuates Local Inflammasome Expression and Activation after Spinal Cord Injury. <i>Molecular Neurobiology</i> , 2018, 55, 1364-1375.	1.9	98
16	β -1-antitrypsin mitigates NLRP3-inflammasome activation in amyloid β 42-stimulated murine astrocytes. <i>Journal of Neuroinflammation</i> , 2018, 15, 282.	3.1	53
17	Impact of steroid hormones E2 and P on the NLRP3/ASC/Casp1 axis in primary mouse astroglia and BV-2 cells after in vitro hypoxia. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 183, 18-26.	1.2	39
18	Upregulation and phosphorylation of HspB1/Hsp25 and HspB5/ β -crystallin after transient middle cerebral artery occlusion in rats. <i>Cell Stress and Chaperones</i> , 2017, 22, 653-663.	1.2	15

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19	Impact of 17beta-estradiol and progesterone on inflammatory and apoptotic microRNA expression after ischemia in a rat model. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 167, 126-134.	1.2	36
20	Poststroke Inflammasome Expression and Regulation in the Peri-Infarct Area by Gonadal Steroids after Transient Focal Ischemia in the Rat Brain. <i>Neuroendocrinology</i> , 2016, 103, 460-475.	1.2	96
21	Omega-3 polyunsaturated fatty acids ameliorate neuroinflammation and mitigate ischemic stroke damage through interactions with astrocytes and microglia. <i>Journal of Neuroimmunology</i> , 2015, 278, 200-211.	1.1	76
22	Inflammasomes are neuroprotective targets for sex steroids. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 153, 135-143.	1.2	31
23	Hypoxia-Induced Gene Expression of Aquaporin-4, Cyclooxygenase-2 and Hypoxia-Inducible Factor 1 α in Rat Cortical Astroglia Is Inhibited by 17 β -Estradiol and Progesterone. <i>Neuroendocrinology</i> , 2014, 99, 156-167.	1.2	36
24	Role of platelet-released growth factors in detoxification of reactive oxygen species in osteoblasts. <i>Bone</i> , 2014, 65, 9-17.	1.4	68
25	Regulation of Hypoxia-Induced Inflammatory Responses and M1-M2 Phenotype Switch of Primary Rat Microglia by Sex Steroids. <i>Journal of Molecular Neuroscience</i> , 2014, 52, 277-285.	1.1	80
26	Platelets display potent antimicrobial activity and release human beta-defensin 2. <i>Platelets</i> , 2012, 23, 217-223.	1.1	53
27	Involvement of formyl peptide receptors in receptor for advanced glycation end products (RAGE) - and amyloid beta 1-42-induced signal transduction in glial cells. <i>Molecular Neurodegeneration</i> , 2012, 7, 55.	4.4	74
28	The formyl peptide receptor like-1 and scavenger receptor MARCO are involved in glial cell activation in bacterial meningitis. <i>Journal of Neuroinflammation</i> , 2011, 8, 11.	3.1	42
29	Erythropoietin Enhances Post-ischemic Migration and Phagocytosis and Alleviates the Activation of Inflammasomes in Human Microglial Cells. <i>Frontiers in Cellular Neuroscience</i> , 0, 16, .	1.8	2