

Zhanyang Yu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8994448/publications.pdf>

Version: 2024-02-01

48
papers

1,549
citations

279487

23
h-index

315357

38
g-index

50
all docs

50
docs citations

50
times ranked

1918
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of neuroglobin overexpression on mitochondrial function and oxidative stress following hypoxia/reoxygenation in cultured neurons. <i>Journal of Neuroscience Research</i> , 2009, 87, 164-170.	1.3	114
2	FGF21 Attenuates High-Fat Diet-Induced Cognitive Impairment via Metabolic Regulation and Anti-inflammation of Obese Mice. <i>Molecular Neurobiology</i> , 2018, 55, 4702-4717.	1.9	109
3	Annexin A2 Combined with Low-Dose tPA Improves Thrombolytic Therapy in a Rat Model of Focal Embolic Stroke. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2010, 30, 1137-1146.	2.4	75
4	Neuroglobin overexpression inhibits oxygen-glucose deprivation-induced mitochondrial permeability transition pore opening in primary cultured mouse cortical neurons. <i>Neurobiology of Disease</i> , 2013, 56, 95-103.	2.1	70
5	Increased Nuclear Apoptosis-Inducing Factor after Transient Focal Ischemia: A 12/15-Lipoxygenase-dependent Organelle Damage Pathway. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2010, 30, 1157-1167.	2.4	67
6	A Rat Model of Studying Tissue-Type Plasminogen Activator Thrombolysis in Ischemic Stroke With Diabetes. <i>Stroke</i> , 2012, 43, 567-570.	1.0	64
7	Neuroglobin, a Novel Target for Endogenous Neuroprotection against Stroke and Neurodegenerative Disorders. <i>International Journal of Molecular Sciences</i> , 2012, 13, 6995-7014.	1.8	64
8	HDAC3 inhibition prevents blood-brain barrier permeability through Nrf2 activation in type 2 diabetes male mice. <i>Journal of Neuroinflammation</i> , 2019, 16, 103.	3.1	50
9	Neuroprotective roles and mechanisms of neuroglobin. <i>Neurological Research</i> , 2009, 31, 122-127.	0.6	47
10	Neuroglobin Is an Endogenous Neuroprotectant for Retinal Ganglion Cells against Glaucomatous Damage. <i>American Journal of Pathology</i> , 2011, 179, 2788-2797.	1.9	47
11	An ste20 Homologue in <i>Ustilago maydis</i> Plays a Role in Mating and Pathogenicity. <i>Eukaryotic Cell</i> , 2004, 3, 180-189.	3.4	46
12	Mitochondrial Mechanisms of Neuroglobin's Neuroprotection. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-11.	1.9	43
13	Transcriptional regulation mechanisms of hypoxia-induced neuroglobin gene expression. <i>Biochemical Journal</i> , 2012, 443, 153-164.	1.7	41
14	Recombinant FGF21 Protects Against Blood-Brain Barrier Leakage Through Nrf2 Upregulation in Type 2 Diabetes Mice. <i>Molecular Neurobiology</i> , 2019, 56, 2314-2327.	1.9	38
15	Neuroglobin promotes neurogenesis through Wnt signaling pathway. <i>Cell Death and Disease</i> , 2018, 9, 945.	2.7	37
16	Endocrine Regulator rFGF21 (Recombinant Human Fibroblast Growth Factor 21) Improves Neurological Outcomes Following Focal Ischemic Stroke of Type 2 Diabetes Mellitus Male Mice. <i>Stroke</i> , 2018, 49, 3039-3049.	1.0	36
17	FGF21 Protects against Aggravated Blood-Brain Barrier Disruption after Ischemic Focal Stroke in Diabetic db/db Male Mice via Cerebrovascular PPAR γ Activation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 824.	1.8	36
18	Roles of Neuroglobin Binding to Mitochondrial Complex III Subunit Cytochrome c1 in Oxygen-Glucose Deprivation-Induced Neurotoxicity in Primary Neurons. <i>Molecular Neurobiology</i> , 2016, 53, 3249-3257.	1.9	34

#	ARTICLE	IF	CITATIONS
19	Neuroglobin-overexpression reduces traumatic brain lesion size in mice. <i>BMC Neuroscience</i> , 2012, 13, 67.	0.8	32
20	<i>Ustilago maydis</i> Rho1 and 14-3-3 Homologues Participate in Pathways Controlling Cell Separation and Cell Polarity. <i>Eukaryotic Cell</i> , 2009, 8, 977-989.	3.4	31
21	Effects of Tissue Plasminogen Activator and Annexin A2 Combination Therapy on Long-Term Neurological Outcomes of Rat Focal Embolic Stroke. <i>Stroke</i> , 2014, 45, 619-622.	1.0	29
22	bFGF Protects Against Oxygen Glucose Deprivation/Reoxygenation-Induced Endothelial Monolayer Permeability via S1PR1-Dependent Mechanisms. <i>Molecular Neurobiology</i> , 2018, 55, 3131-3142.	1.9	28
23	Annexin A2. <i>Stroke</i> , 2010, 41, S54-8.	1.0	27
24	Intraventricular apolipoprotein ApoJ infusion acts protectively in Traumatic Brain Injury. <i>Journal of Neurochemistry</i> , 2016, 136, 1017-1025.	2.1	26
25	Annexin A2 is a Robo4 ligand that modulates ARF6 activation-associated cerebral trans-endothelial permeability. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019, 39, 2048-2060.	2.4	26
26	Transcriptional regulation of mouse neuroglobin gene by cyclic AMP responsive element binding protein (CREB) in N2a cells. <i>Neuroscience Letters</i> , 2013, 534, 333-337.	1.0	23
27	Annexin A2 Plus Low-Dose Tissue Plasminogen Activator Combination Attenuates Cerebrovascular Dysfunction After Focal Embolic Stroke of Rats. <i>Translational Stroke Research</i> , 2017, 8, 549-559.	2.3	23
28	Annexin A2 Deficiency Exacerbates Neuroinflammation and Long-Term Neurological Deficits after Traumatic Brain Injury in Mice. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6125.	1.8	23
29	Near infrared radiation rescues mitochondrial dysfunction in cortical neurons after oxygen-glucose deprivation. <i>Metabolic Brain Disease</i> , 2015, 30, 491-496.	1.4	22
30	TNFAIP1 contributes to the neurotoxicity induced by A β 25-35 in Neuro2a cells. <i>BMC Neuroscience</i> , 2016, 17, 51.	0.8	22
31	Thrombospondin-1 Gene Deficiency Worsens the Neurological Outcomes of Traumatic Brain Injury in Mice. <i>International Journal of Medical Sciences</i> , 2017, 14, 927-936.	1.1	22
32	Visualization of Clot Lysis in a Rat Embolic Stroke Model. <i>Stroke</i> , 2011, 42, 1110-1115.	1.0	21
33	Combination Approaches to Attenuate Hemorrhagic Transformation After tPA Thrombolytic Therapy in Patients with Poststroke Hyperglycemia/Diabetes. <i>Advances in Pharmacology</i> , 2014, 71, 391-410.	1.2	21
34	Establishment of Cell-Based Neuroglobin Promoter Reporter Assay for Neuroprotective Compounds Screening. <i>CNS and Neurological Disorders - Drug Targets</i> , 2016, 15, 629-639.	0.8	21
35	HDAC3 inhibition prevents oxygen glucose deprivation/reoxygenation-induced transendothelial permeability by elevating PPAR γ activity <i>in vitro</i> . <i>Journal of Neurochemistry</i> , 2019, 149, 298-310.	2.1	20
36	Dysfunction of annexin A2 contributes to hyperglycaemia-induced loss of human endothelial cell surface fibrinolytic activity. <i>Thrombosis and Haemostasis</i> , 2013, 109, 1070-1078.	1.8	19

#	ARTICLE	IF	CITATIONS
37	CD47 deficiency improves neurological outcomes of traumatic brain injury in mice. <i>Neuroscience Letters</i> , 2017, 643, 125-130.	1.0	18
38	Amyloid- β 25 β 35 Upregulates Endogenous Neuroprotectant Neuroglobin via NF κ B Activation in vitro. <i>Journal of Alzheimer's Disease</i> , 2018, 64, 1163-1174.	1.2	16
39	Near infrared radiation protects against oxygen-glucose deprivation-induced neurotoxicity by down-regulating neuronal nitric oxide synthase (nNOS) activity in vitro. <i>Metabolic Brain Disease</i> , 2015, 30, 829-837.	1.4	13
40	Combination Low-Dose Tissue-Type Plasminogen Activator Plus Annexin A2 for Improving Thrombolytic Stroke Therapy. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 397.	1.8	10
41	Low dose tPA plus annexin A2 combination attenuates tPA delayed treatment- associated hemorrhage and improves recovery in rat embolic focal stroke. <i>Neuroscience Letters</i> , 2015, 602, 73-78.	1.0	10
42	Endothelial Regulation by Exogenous Annexin A1 in Inflammatory Response and BBB Integrity Following Traumatic Brain Injury. <i>Frontiers in Neuroscience</i> , 2021, 15, 627110.	1.4	8
43	Recombinant Annexin A2 Administration Improves Neurological Outcomes After Traumatic Brain Injury in Mice. <i>Frontiers in Pharmacology</i> , 2021, 12, 708469.	1.6	6
44	A Preliminary Study of Cu Exposure Effects upon Alzheimer's Amyloid Pathology. <i>Biomolecules</i> , 2020, 10, 408.	1.8	5
45	Haplo-insufficiency for different genes differentially reduces pathogenicity and virulence in a fungal phytopathogen. <i>Fungal Genetics and Biology</i> , 2012, 49, 21-29.	0.9	4
46	EphrinB2-EphB2 signaling for dendrite protection after neuronal ischemia in vivo and oxygen-glucose deprivation in vitro. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 41, 0271678X2097311.	2.4	2
47	Neuroglobin: A Novel Target for Endogenous Neuroprotection. , 2012, , 353-372.		1
48	Different Responses to Identical Trauma Between BALB/C and C57BL/6 Mice. <i>Medical Science Monitor</i> , 2021, 27, e928676.	0.5	0