

# Zhanyang Yu

## List of Publications by Year in descending order

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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	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
2	Recombinant Annexin A2 Administration Improves Neurological Outcomes After Traumatic Brain Injury in Mice. <i>Frontiers in Pharmacology</i> , 2021, 12, 708469.	1.6	6
3	Different Responses to Identical Trauma Between BALB/C and C57BL/6 Mice. <i>Medical Science Monitor</i> , 2021, 27, e928676.	0.5	0
4	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
5	A Preliminary Study of Cu Exposure Effects upon Alzheimer's Amyloid Pathology. <i>Biomolecules</i> , 2020, 10, 408.	1.8	5
6	FGF21 Protects against Aggravated Blood-Brain Barrier Disruption after Ischemic Focal Stroke in Diabetic db/db Male Mice via Cerebrovascular PPAR $\gamma$ Activation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 824.	1.8	36
7	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
8	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
9	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
10	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
11	HDAC3 inhibition prevents oxygen glucose deprivation/reoxygenation-induced transendothelial permeability by elevating PPAR $\gamma$ activity in vitro. <i>Journal of Neurochemistry</i> , 2019, 149, 298-310.	2.1	20
12	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
13	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
14	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
15	Neuroglobin promotes neurogenesis through Wnt signaling pathway. <i>Cell Death and Disease</i> , 2018, 9, 945.	2.7	37
16	Amyloid- $\beta$ 25-35 Upregulates Endogenous Neuroprotectant Neuroglobin via NF $\kappa$ B Activation in vitro. <i>Journal of Alzheimer's Disease</i> , 2018, 64, 1163-1174.	1.2	16
17	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
18	CD47 deficiency improves neurological outcomes of traumatic brain injury in mice. <i>Neuroscience Letters</i> , 2017, 643, 125-130.	1.0	18

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19	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
20	Intraventricular apolipoprotein ApoJ infusion acts protectively in Traumatic Brain Injury. <i>Journal of Neurochemistry</i> , 2016, 136, 1017-1025.	2.1	26
21	TNFAIP1 contributes to the neurotoxicity induced by A $\beta$ 25 in Neuro2a cells. <i>BMC Neuroscience</i> , 2016, 17, 51.	0.8	22
22	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
23	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
24	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
25	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
26	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
27	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
28	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
29	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
30	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
31	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
32	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
33	Mitochondrial Mechanisms of Neuroglobin's Neuroprotection. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-11.	1.9	43
34	Transcriptional regulation mechanisms of hypoxia-induced neuroglobin gene expression. <i>Biochemical Journal</i> , 2012, 443, 153-164.	1.7	41
35	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
36	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

#	ARTICLE	IF	CITATIONS
37	Neuroglobin-overexpression reduces traumatic brain lesion size in mice. BMC Neuroscience, 2012, 13, 67.	0.8	32
38	Neuroglobin, a Novel Target for Endogenous Neuroprotection against Stroke and Neurodegenerative Disorders. International Journal of Molecular Sciences, 2012, 13, 6995-7014.	1.8	64
39	Neuroglobin: A Novel Target for Endogenous Neuroprotection. , 2012, , 353-372.		1
40	Neuroglobin Is an Endogenous Neuroprotectant for Retinal Ganglion Cells against Glaucomatous Damage. American Journal of Pathology, 2011, 179, 2788-2797.	1.9	47
41	Visualization of Clot Lysis in a Rat Embolic Stroke Model. Stroke, 2011, 42, 1110-1115.	1.0	21
42	Annexin A2 Combined with Low-Dose tPA Improves Thrombolytic Therapy in a Rat Model of Focal Embolic Stroke. Journal of Cerebral Blood Flow and Metabolism, 2010, 30, 1137-1146.	2.4	75
43	Increased Nuclear Apoptosis-Inducing Factor after Transient Focal Ischemia: A 12/15-Lipoxygenase-dependent Organelle Damage Pathway. Journal of Cerebral Blood Flow and Metabolism, 2010, 30, 1157-1167.	2.4	67
44	Annexin A2. Stroke, 2010, 41, S54-8.	1.0	27
45	<i>Ustilago maydis</i> Rho1 and 14-3-3 Homologues Participate in Pathways Controlling Cell Separation and Cell Polarity. Eukaryotic Cell, 2009, 8, 977-989.	3.4	31
46	Neuroprotective roles and mechanisms of neuroglobin. Neurological Research, 2009, 31, 122-127.	0.6	47
47	Effects of neuroglobin overexpression on mitochondrial function and oxidative stress following hypoxia/reoxygenation in cultured neurons. Journal of Neuroscience Research, 2009, 87, 164-170.	1.3	114
48	An ste20 Homologue in <i>Ustilago maydis</i> Plays a Role in Mating and Pathogenicity. Eukaryotic Cell, 2004, 3, 180-189.	3.4	46