Yu-Yo Sun

List of Publications by Year
in descending order

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43 papers	1,355 citations	331259 21 h-index	360668 35 g-index
45 all docs	45 docs citations	45 times ranked	2258 citing authors

#	Article	IF	Citations
1	Capillary-associated microglia regulate vascular structure and function through PANX1-P2RY12 coupling in mice. Nature Communications, 2021, 12, 5289.	5.8	131
2	Astrocytic GAP43 Induced by the TLR4/NF-Î²B/STAT3 Axis Attenuates Astrogliosis-Mediated Microglial Activation and Neurotoxicity. Journal of Neuroscience, 2016, 36, 2027-2043.	1.7	93
3	Gsx2 controls region-specific activation of neural stem cells and injury-induced neurogenesis in the adult subventricular zone. Genes and Development, 2013, 27, 1272-1287.	2.7	84
4	Microglial-mediated PDGF-CC activation increases cerebrovascular permeability during ischemic stroke. Acta Neuropathologica, 2017, 134, 585-604.	3.9	82
5	Blocking Lymphocyte Trafficking with FTY720 Prevents Inflammation-Sensitized Hypoxicâ€“Ischemic Brain Injury in Newborns. Journal of Neuroscience, 2014, 34, 16467-16481.	1.7	69
6	Aryl hydrocarbon receptor mediates both proinflammatory and antiâ€inflammatory effects in lipopolysaccharideâ€activated microglia. Glia, 2015, 63, 1138-1154.	2.5	68
7	Fate mapping via CCR2-CreER mice reveals monocyte-to-microglia transition in development and neonatal stroke. Science Advances, 2020, 6, eabb2119.	4.7	66
8	Neuronal activity enhances aryl hydrocarbon receptor-mediated gene expression and dioxin neurotoxicity in cortical neurons. Journal of Neurochemistry, 2008, 104, 1415-1429.	2.1	61
9	Curcumin Attenuates the Expression and Secretion of RANTES after Spinal Cord InjuryIn Vivoand Lipopolysaccharide-Induced Astrocyte ReactivationIn Vitro. Journal of Neurotrauma, 2011, 28, 1259-1269.	1.7	54
10	Intranasal delivery of cell-penetrating anti-NF-Î²B peptides (Tat-NBD) alleviates infection-sensitized hypoxicâ€“ischemic brain injury. Experimental Neurology, 2013, 247, 447-455.	2.0	53
11	Methylprednisolone inhibits the expression of glial fibrillary acidic protein and chondroitin sulfate proteoglycans in reactivated astrocytes. Glia, 2008, 56, 1390-1400.	2.5	43
12	Prophylactic Edaravone Prevents Transient Hypoxic-Ischemic Brain Injury. Stroke, 2015, 46, 1947-1955.	1.0	43
13	Curcumin enhances neuronal survival in N-methyl-d-aspartic acid toxicity by inducing RANTES expression in astrocytes via PI-3K and MAPK signaling pathways. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2011, 35, 931-938.	2.5	41
14	Overexpression of Vascular Endothelial Growth Factor in the Germinal Matrix Induces Neurovascular Proteases and Intraventricular Hemorrhage. Science Translational Medicine, 2013, 5, 193ra90.	5.8	38
15	Plasminogen Activator Inhibitor-1 Mitigates Brain Injury in a Rat Model of Infection-Sensitized Neonatal Hypoxia-Ischemia. Cerebral Cortex, 2013, 23, 1218-1229.	1.6	36
16	CISD2 serves a novel role as a suppressor of nitric oxide signalling and curcumin increases CISD2 expression in spinal cord injuries. Injury, 2015, 46, 2341-2350.	0.7	30
17	Glucocorticoid Protection of Oligodendrocytes against Excitotoxin Involving Hypoxia-Inducible Factor-1Â in a Cell-Type-Specific Manner. Journal of Neuroscience, 2010, 30, 9621-9630.	1.7	29
18	Synergy of Combined tPA-Edaravone Therapy in Experimental Thrombotic Stroke. PLoS ONE, 2014, 9, e98807.	1.1	29

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19	Osteopontin Is a Blood Biomarker for Microglial Activation and Brain Injury in Experimental Hypoxic-Ischemic Encephalopathy. ENeuro, 2017, 4, ENEURO.0253-16.2016.	0.9	28
20	Mannitol-facilitated perfusion staining with 2,3,5-triphenyltetrazolium chloride (TTC) for detection of experimental cerebral infarction and biochemical analysis. Journal of Neuroscience Methods, 2012, 203, 122-129.	1.3	26
21	Protective Effects of CISD2 and Influence of Curcumin on CISD2 Expression in Aged Animals and Inflammatory Cell Model. Nutrients, 2019, 11, 700.	1.7	24
22	Monocytes promote acute neuroinflammation and become pathological microglia in neonatal hypoxic-ischemic brain injury. Theranostics, 2022, 12, 512-529.	4.6	24
23	Polymerase delta-interacting protein 2 deficiency protects against blood-brain barrier permeability in the ischemic brain. Journal of Neuroinflammation, 2018, 15, 45.	3.1	23
24	Monocytic Infiltrates Contribute to Autistic-like Behaviors in a Two-Hit Model of Neurodevelopmental Defects. Journal of Neuroscience, 2020, 40, 9386-9400.	1.7	23
25	A murine photothrombotic stroke model with an increased fibrin content and improved responses to tPA-lytic treatment. Blood Advances, 2020, 4, 1222-1231.	2.5	23
26	Taming Neonatal Hypoxicâ€“Ischemic Brain Injury by Intranasal Delivery of Plasminogen Activator Inhibitor-1. Stroke, 2013, 44, 2623-2627.	1.0	17
27	Cell Type-Specific Dependency on the PI3K/Akt Signaling Pathway for the Endogenous Epo and VEGF Induction by Baicalein in Neurons versus Astrocytes. PLoS ONE, 2013, 8, e69019.	1.1	17
28	Neurovascular protection by adropin in experimental ischemic stroke through an endothelial nitric oxide synthase-dependent mechanism. Redox Biology, 2021, 48, 102197.	3.9	17
29	Sickle Mice Are Sensitive to Hypoxia/Ischemia-Induced Stroke but Respond to Tissue-Type Plasminogen Activator Treatment. Stroke, 2017, 48, 3347-3355.	1.0	13
30	Bcl-2 Gene Family Expression in the Brain of Rat Offspring after Gestational and Lactational Dioxin Exposure. Annals of the New York Academy of Sciences, 2005, 1042, 471-480.	1.8	12
31	Alteration of <scp>SLP</scp>2â€like immunolabeling in mitochondria signifies early cellular damage in developing and adult mouse brain. European Journal of Neuroscience, 2016, 43, 245-257.	1.2	12
32	Poldip2 controls leukocyte infiltration into the ischemic brain by regulating focal adhesion kinase-mediated VCAM-1 induction. Scientific Reports, 2021, 11, 5533.	1.6	10
33	Creatine transporter deficiency impairs stress adaptation and brain energetics homeostasis. JCI Insight, 2021, 6, .	2.3	10
34	Brain-targeted hypoxia-inducible factor stabilization reduces neonatal hypoxic-ischemic brain injury. Neurobiology of Disease, 2021, 148, 105200.	2.1	8
35	A Thrombotic Stroke Model Based On Transient Cerebral Hypoxia-ischemia. Journal of Visualized Experiments, 2015, , e52978.	0.2	5
36	A Fibrin-Enriched and tPA-Sensitive Photothrombotic Stroke Model. Journal of Visualized Experiments, 2021, , .	0.2	5

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37	A novel naphthalimide derivative reduces platelet activation and thrombus formation via suppressing GPVI. Journal of Cellular and Molecular Medicine, 2021, 25, 9434-9446.	1.6	5
38	Towards reperfusion-centric preclinical stroke research: outside the box of "reperfusion injury". Neural Regeneration Research, 2015, 10, 534.	1.6	1
39	Anti-Inflammatory CDGSH Iron-Sulfur Domain 2: A Biomarker of Central Nervous System Insult in Cellular, Animal Models and Patients. Biomedicines, 2022, 10, 777.	1.4	1
40	Stroke propensity in the Th3+/ mouse model of Î²-thalassemia intermedia. Neurobiology of Disease, 2022, , 105802.	2.1	1
41	Abstract TMP106: Humanized Sickle Mice Are Sensitive to Hypoxia-Ischemia-Induced Stroke, but Respond to Tissue Plasminogen Activator Treatment. Stroke, 2018, 49, .	1.0	0
42	Abstract WMP75: A Modified, Recombinant Tissue Plasminogen Activator-Responding Photothrombotic Stroke Model. Stroke, 2019, 50, .	1.0	0
43	Applications of Theranostics for Detecting and Targeting CNS Injuries and Diseases. Behavioural Neurology, 2022, 2022, 1-2.	1.1	0