Yao Yao

List of Publications by Year
in descending order

53 papers	2,089 citations	257357 24 h-index	243529 44 g-index
53 all docs	53 docs citations	53 times ranked	3127 citing authors

#	Article	IF	Citations
1	Astrocytic laminin regulates pericyte differentiation and maintains blood brain barrier integrity. Nature Communications, 2014, 5, 3413.	5.8	265
2	Basement membrane and bloodâ€“brain barrier. Stroke and Vascular Neurology, 2019, 4, 78-82.	1.5	182
3	Monocyte chemoattractant protein-1 and the bloodâ€“brain barrier. Cellular and Molecular Life Sciences, 2014, 71, 683-697.	2.4	143
4	Cell-Culture Models of the Bloodâ€“Brain Barrier. Stroke, 2014, 45, 2514-2526.	1.0	129
5	Ablation of astrocytic laminin impairs vascular smooth muscle cell function and leads to hemorrhagic stroke. Journal of Cell Biology, 2013, 202, 381-395.	2.3	99
6	The role of pericytic laminin in blood brain barrier integrity maintenance. Scientific Reports, 2016, 6, 36450.	1.6	87
7	Highly efficient electrochemical sensing platform for sensitive detection DNA methylation, and methyltransferase activity based on Ag NPs decorated carbon nanocubes. Biosensors and Bioelectronics, 2018, 99, 201-208.	5.3	77
8	Truncation of monocyte chemoattractant protein 1 by plasmin promotes bloodâ€“brain barrier disruption. Journal of Cell Science, 2011, 124, 1486-1495.	1.2	72
9	The CCL2â€CCR2 system affects the progression and clearance of intracerebral hemorrhage. Glia, 2012, 60, 908-918.	2.5	64
10	Blockade of YAP alleviates hepatic fibrosis through accelerating apoptosis and reversion of activated hepatic stellate cells. Molecular Immunology, 2019, 107, 29-40.	1.0	63
11	Laminin: loss-of-function studies. Cellular and Molecular Life Sciences, 2017, 74, 1095-1115.	2.4	59
12	Laminins and their receptors in the CNS. Biological Reviews, 2019, 94, 283-306.	4.7	54
13	Proximity hybridization triggered hemin/G-quadruplex formation for construction a label-free and signal-on electrochemical DNA sensor. Biosensors and Bioelectronics, 2017, 96, 62-67.	5.3	53
14	Behavioral tests in rodent models of stroke. Brain Hemorrhages, 2020, 1, 171-184.	0.4	53
15	Proximity hybridization-regulated catalytic DNA hairpin assembly for electrochemical immunoassay based on in situ DNA template-synthesized Pd nanoparticles. Analytica Chimica Acta, 2017, 969, 8-17.	2.6	47
16	Roles of Pericytes in Stroke Pathogenesis. Cell Transplantation, 2018, 27, 1798-1808.	1.2	46
17	Basement membrane and stroke. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 3-19.	2.4	46
18	Pericytic Laminin Maintains Blood-Brain Barrier Integrity in an Age-Dependent Manner. Translational Stroke Research, 2020, 11, 228-242.	2.3	37

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19	BMP9 inhibits the proliferation and migration of fibroblast-like synoviocytes in rheumatoid arthritis via the PI3K/AKT signaling pathway. International Immunopharmacology, 2019, 74, 105685.	1.7	36
20	Loss of Endothelial Laminin Î±5 Exacerbates Hemorrhagic Brain Injury. Translational Stroke Research, 2019, 10, 705-718.	2.3	35
21	Laminin regulates PDGFRÎ²+ cell stemness and muscle development. Nature Communications, 2016, 7, 11415.	5.8	32
22	Oligodendrocytes in intracerebral hemorrhage. CNS Neuroscience and Therapeutics, 2019, 25, 1075-1084.	1.9	31
23	Basement Membrane Changes in Ischemic Stroke. Stroke, 2020, 51, 1344-1352.	1.0	30
24	The C Terminus of Mouse Monocyte Chemoattractant Protein 1 (MCP1) Mediates MCP1 Dimerization while Blocking Its Chemotactic Potency. Journal of Biological Chemistry, 2010, 285, 31509-31516.	1.6	28
25	Loss of mural cell-derived laminin aggravates hemorrhagic brain injury. Journal of Neuroinflammation, 2020, 17, 103.	3.1	28
26	Basal lamina changes in neurodegenerative disorders. Molecular Neurodegeneration, 2021, 16, 81.	4.4	28
27	NLRC5 promotes cell proliferation via regulating the NF-Î°B signaling pathway in Rheumatoid arthritis. Molecular Immunology, 2017, 91, 24-34.	1.0	24
28	Chemokines and Their Receptors in Intracerebral Hemorrhage. Translational Stroke Research, 2012, 3, 70-79.	2.3	22
29	Mural cell-derived laminin-Î±5 plays a detrimental role in ischemic stroke. Acta Neuropathologica Communications, 2019, 7, 23.	2.4	21
30	Proximity hybridization triggered strand displacement and DNAzyme assisted strand recycling for ATP fluorescence detection in vitro and imaging in living cells. RSC Advances, 2018, 8, 28161-28171.	1.7	19
31	Expression and functions of adenylyl cyclases in the CNS. Fluids and Barriers of the CNS, 2022, 19, 23.	2.4	19
32	Central Nervous System Fibroblast-Like Cells in Stroke and Other Neurological Disorders. Stroke, 2021, 52, 2456-2464.	1.0	17
33	PSTPIP2 Inhibits the Inflammatory Response and Proliferation of Fibroblast-Like Synoviocytes in vitro. Frontiers in Pharmacology, 2018, 9, 1432.	1.6	16
34	PSTPIP2 attenuates joint damage and suppresses inflammation in adjuvant-induced arthritis. European Journal of Pharmacology, 2019, 859, 172558.	1.7	14
35	Laminin regulates oligodendrocyte development and myelination. Glia, 2022, 70, 414-429.	2.5	14
36	Laminin differentially regulates the stemness of type I and type II pericytes. Stem Cell Research and Therapy, 2017, 8, 28.	2.4	12

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37	SMAlow/undetectable pericytes differentiate into microglia- and macrophage-like cells in ischemic brain. Cellular and Molecular Life Sciences, 2022, 79, 264.	2.4	12
38	The cellular origin of laminin determines its role in blood pressure regulation. Cellular and Molecular Life Sciences, 2015, 72, 999-1008.	2.4	11
39	MAST3 modulates the inflammatory response and proliferation of fibroblast-like synoviocytes in rheumatoid arthritis. International Immunopharmacology, 2019, 77, 105900.	1.7	10
40	Mouse MCP1 Câ€terminus inhibits human MCP1â€induced chemotaxis and BBB compromise. Journal of Neurochemistry, 2011, 118, 215-223.	2.1	9
41	Isolation of Type I and Type II Pericytes from Mouse Skeletal Muscles. Journal of Visualized Experiments, 2017, , .	0.2	9
42	No Evidence for Widespread Positive Selection Signatures in Common Risk Alleles Associated with Schizophrenia. Schizophrenia Bulletin, 2020, 46, 603-611.	2.3	9
43	Cell-specific expression and function of laminin at the neurovascular unit. Journal of Cerebral Blood Flow and Metabolism, 2022, 42, 1979-1999.	2.4	6
44	Mouse monocyte chemoattractant protein 1 (MCP1) functions as a monomer. International Journal of Biochemistry and Cell Biology, 2014, 55, 51-59.	1.2	5
45	Pericytes in Skeletal Muscle. Advances in Experimental Medicine and Biology, 2019, 1122, 59-72.	0.8	5
46	Brain vascular biology. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2021, 176, 49-69.	1.0	4
47	Synergistic protection of tetramethylpyrazine phosphate and borneol on brain microvascular endothelium cells injured by hypoxia. American Journal of Translational Research (discontinued), 2019, 11, 2168-2180.	0.0	4
48	Extracellular Matrix in Stroke. Springer Series in Translational Stroke Research, 2018, , 121-144.	0.1	2
49	Functional annotation of genetic associations by transcriptome-wide association analysis provides insights into neutrophil development regulation. Communications Biology, 2020, 3, 790.	2.0	1
50	Recovery from ICH â€“ Potential Targets. , 0, , .		0
51	Editorial: Pluripotent Cells for Stroke: From Mechanism to Therapeutic Strategies. Frontiers in Cellular Neuroscience, 2021, 15, 738240.	1.8	0
52	Abstract 218: Pericytic Laminin Regulates Blood-Brain Barrier Integrity in an Age-Dependent Manner. Stroke, 2017, 48, .	1.0	0
53	Challenges in Pericyte Research: Pericyte-Specific and Subtype-Specific Markers. Translational Stroke Research, 2022, , 1.	2.3	0