

Chao-Yu Miao

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

10,597
citations

186265
28
h-index

182427
51
g-index

53
all docs

53
docs citations

53
times ranked

22703
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
3	Autophagy in ischemic stroke. <i>Progress in Neurobiology</i> , 2018, 163-164, 98-117.	5.7	295
4	Nicotinamide phosphoribosyltransferase protects against ischemic stroke through SIRT1-dependent adenosine monophosphate-activated kinase pathway. <i>Annals of Neurology</i> , 2011, 69, 360-374.	5.3	255
5	Hepatic NAD ⁺ deficiency as a therapeutic target for non-alcoholic fatty liver disease in ageing. <i>British Journal of Pharmacology</i> , 2016, 173, 2352-2368.	5.4	150
6	The role of perivascular adipose tissue in vascular smooth muscle cell growth. <i>British Journal of Pharmacology</i> , 2012, 165, 643-658.	5.4	131
7	ARRB1/ β 2-arrestin-1 mediates neuroprotection through coordination of BECN1-dependent autophagy in cerebral ischemia. <i>Autophagy</i> , 2014, 10, 1535-1548.	9.1	130
8	Adipocyte Metrn1 Antagonizes Insulin Resistance Through PPAR γ Signaling. <i>Diabetes</i> , 2015, 64, 4011-4022.	0.6	126
9	Blood pressure variability is more important than blood pressure level in determination of end-organ damage in rats. <i>Journal of Hypertension</i> , 2006, 24, 1125-1135.	0.5	117
10	Metrn1: a secreted protein with new emerging functions. <i>Acta Pharmacologica Sinica</i> , 2016, 37, 571-579.	6.1	112
11	Influence of Microbiota on Intestinal Immune System in Ulcerative Colitis and Its Intervention. <i>Frontiers in Immunology</i> , 2017, 8, 1674.	4.8	105
12	Blood Pressure Variability And Organ Damage. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2001, 28, 709-715.	1.9	103
13	Nicotinamide mononucleotide attenuates brain injury after intracerebral hemorrhage by activating Nrf2/HO-1 signaling pathway. <i>Scientific Reports</i> , 2017, 7, 717.	3.3	99
14	The importance of blood pressure variability in rat aortic and left ventricular hypertrophy produced by sinoaortic denervation. <i>Journal of Hypertension</i> , 2002, 20, 1865-1872.	0.5	82
15	Regenerative Neurogenesis After Ischemic Stroke Promoted by Nicotinamide Phosphoribosyltransferase-Nicotinamide Adenine Dinucleotide Cascade. <i>Stroke</i> , 2015, 46, 1966-1974.	2.0	74
16	Cerebral Organoids Repair Ischemic Stroke Brain Injury. <i>Translational Stroke Research</i> , 2020, 11, 983-1000.	4.2	70
17	NAMPT as a Therapeutic Target against Stroke. <i>Trends in Pharmacological Sciences</i> , 2015, 36, 891-905.	8.7	69
18	Intracellular NAMPT-NAD ⁺ -SIRT1 cascade improves post-ischaemic vascular repair by modulating Notch signalling in endothelial progenitors. <i>Cardiovascular Research</i> , 2014, 104, 477-488.	3.8	64

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19	NAD replenishment with nicotinamide mononucleotide protects bloodâ€‘brain barrier integrity and attenuates delayed tissue plasminogen activatorâ€‘induced haemorrhagic transformation after cerebral ischaemia. <i>British Journal of Pharmacology</i> , 2017, 174, 3823-3836.	5.4	62
20	Vascular smooth muscle cell apoptosis is an early trigger for hypothyroid atherosclerosis. <i>Cardiovascular Research</i> , 2014, 102, 448-459.	3.8	57
21	Intestinal autophagy links psychosocial stress with gut microbiota to promote inflammatory bowel disease. <i>Cell Death and Disease</i> , 2019, 10, 391.	6.3	55
22	Extracellular Visfatin has Nicotinamide Phosphoribosyltransferase Enzymatic Activity and is Neuroprotective Against Ischemic Injury. <i>CNS Neuroscience and Therapeutics</i> , 2014, 20, 539-547.	3.9	53
23	A fluorometric assay for high-throughput screening targeting nicotinamide phosphoribosyltransferase. <i>Analytical Biochemistry</i> , 2011, 412, 18-25.	2.4	52
24	Organoid technology for brain and therapeutics research. <i>CNS Neuroscience and Therapeutics</i> , 2017, 23, 771-778.	3.9	49
25	Discovery and characterization of novel small-molecule inhibitors targeting nicotinamide phosphoribosyltransferase. <i>Scientific Reports</i> , 2015, 5, 10043.	3.3	44
26	Cerebral organoids transplantation improves neurological motor function in rat brain injury. <i>CNS Neuroscience and Therapeutics</i> , 2020, 26, 682-697.	3.9	42
27	Neuroprotective Efficacy of an Aminopropyl Carbazole Derivative P7C3â€‘A20 in Ischemic Stroke. <i>CNS Neuroscience and Therapeutics</i> , 2016, 22, 782-788.	3.9	34
28	Comparative study of sinoaortic denervated rats and spontaneously hypertensive rats. <i>American Journal of Hypertension</i> , 2003, 16, 585-591.	2.0	31
29	Intestinal Metrnl released into the gut lumen acts as a local regulator for gut antimicrobial peptides. <i>Acta Pharmacologica Sinica</i> , 2016, 37, 1458-1466.	6.1	29
30	Targeting Nicotinamide Phosphoribosyltransferase as a Potential Therapeutic Strategy to Restore Adult Neurogenesis. <i>CNS Neuroscience and Therapeutics</i> , 2016, 22, 431-439.	3.9	28
31	P7C3â€‘A20 alleviates fatty liver by shaping gut microbiota and inducing FGF21/FGF1, via the AMPâ€‘activated protein kinase/CREB regulated transcription coactivator 2 pathway. <i>British Journal of Pharmacology</i> , 2021, 178, 2111-2130.	5.4	27
32	Depletion of NAD pool contributes to impairment of endothelial progenitor cell mobilization in diabetes. <i>Metabolism: Clinical and Experimental</i> , 2016, 65, 852-862.	3.4	26
33	Targeting NAMPT as a therapeutic strategy against stroke. <i>Stroke and Vascular Neurology</i> , 2019, 4, 83-89.	3.3	21
34	Discovery of Novel Inhibitors and Fluorescent Probe Targeting NAMPT. <i>Scientific Reports</i> , 2015, 5, 12657.	3.3	19
35	Ketanserin stabilizes blood pressure in conscious spontaneously hypertensive rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2003, 30, 189-193.	1.9	18
36	Nicotinamide phosphoribosyltransferase aggravates inflammation and promotes atherosclerosis in ApoE knockout mice. <i>Acta Pharmacologica Sinica</i> , 2019, 40, 1184-1192.	6.1	17

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37	Nicotinamide Phosphoribosyltransferase Facilitates Post-Stroke Angiogenesis. <i>CNS Neuroscience and Therapeutics</i> , 2015, 21, 475-477.	3.9	16
38	Evaluation of Two Commercial Enzyme-Linked Immunosorbent Assay Kits for the Detection of Human Circulating Metrnl. <i>Chemical and Pharmaceutical Bulletin</i> , 2018, 66, 391-398.	1.3	14
39	Crystal structure-based comparison of two NAMPT inhibitors. <i>Acta Pharmacologica Sinica</i> , 2018, 39, 294-301.	6.1	14
40	Candesartan inhibits sinoaortic denervation-induced cardiovascular hypertrophy in rats. <i>Acta Pharmacologica Sinica</i> , 2002, 23, 713-20.	6.1	14
41	Introduction. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2011, 38, 860-863.	1.9	13
42	Angiotensin II and AT1 receptor in hypertrophied ventricles and aortas of sinoaortic-denervated rats. <i>Acta Pharmacologica Sinica</i> , 2003, 24, 812-8.	6.1	12
43	Acute pressure-natriuresis function shows early impairment in Lyon hypertensive rats. <i>Journal of Hypertension</i> , 2005, 23, 1225-1231.	0.5	10
44	Chronic nicotine treatment enhances vascular smooth muscle relaxation in rats. <i>Acta Pharmacologica Sinica</i> , 2015, 36, 429-439.	6.1	10
45	GREATER HYPERTROPHY IN RIGHT THAN LEFT VENTRICLES IS ASSOCIATED WITH PULMONARY VASCULOPATHY IN SINOARTIC-DENERVATED WISTAR-KYOTO RATS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2004, 31, 450-455.	1.9	9
46	Distribution of Nicotinamide Mononucleotide after Intravenous Injection in Normal and Ischemic Stroke Mice. <i>Current Pharmaceutical Biotechnology</i> , 2023, 24, 299-309.	1.6	5
47	Arterial baroreflex function and left ventricular hypertrophy. <i>Drug Development Research</i> , 2003, 58, 61-64.	2.9	4
48	Frequent ventricular premature beats increase blood pressure variability in rats. <i>Acta Pharmacologica Sinica</i> , 2004, 25, 545-53.	6.1	3
49	Effects of six antihypertensive drugs on blood pressure and hypothalamic GABA content in spontaneously hypertensive rats. <i>Fundamental and Clinical Pharmacology</i> , 2001, 15, 221-226.	1.9	2
50	Reply to Moon and Minhas: Teasing apart NAD ⁺ metabolism in inflammation: commentary on Zhou <i>et al</i> . (2016). <i>Br J Pharmacol</i> 173: 2352-2368. <i>British Journal of Pharmacology</i> , 2017, 174, 2962-2963.	5.4	1
51	iTRAQ- and LC-MS/MS-based quantitative proteomics reveals Pqlc2 as a potential regulator of hepatic glucose metabolism and insulin signalling pathway during fasting. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2021, 48, 238-249.	1.9	1
52	Metrnl: a novel secreted protein against insulin resistance. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO1-2-70.	0.0	0