

Xuesong Chen

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,295
citations

331670

21
h-index

361022

35
g-index

48
all docs

48
docs citations

48
times ranked

1828
citing authors

#	ARTICLE	IF	CITATIONS
1	Caffeine protects against MPTP-induced blood-brain barrier dysfunction in mouse striatum. <i>Journal of Neurochemistry</i> , 2008, 107, 1147-1157.	3.9	155
2	Caffeine blocks disruption of blood brain barrier in a rabbit model of Alzheimer's disease. <i>Journal of Neuroinflammation</i> , 2008, 5, 12.	7.2	117
3	Caffeine Protects Against Disruptions of the Blood-Brain Barrier in Animal Models of Alzheimer's and Parkinson's Diseases. <i>Journal of Alzheimer's Disease</i> , 2010, 20, S127-S141.	2.6	106
4	Role of Endolysosomes in HIV-1 Tat-Induced Neurotoxicity. <i>ASN Neuro</i> , 2012, 4, AN20120017.	2.7	85
5	Endolysosome involvement in HIV-1 transactivator protein-induced neuronal amyloid beta production. <i>Neurobiology of Aging</i> , 2013, 34, 2370-2378.	3.1	60
6	Endolysosome involvement in LDL cholesterol-induced Alzheimer's disease-like pathology in primary cultured neurons. <i>Life Sciences</i> , 2012, 91, 1159-1168.	4.3	46
7	Role of Endolysosomes in Severe Acute Respiratory Syndrome Coronavirus-2 Infection and Coronavirus Disease 2019 Pathogenesis: Implications for Potential Treatments. <i>Frontiers in Pharmacology</i> , 2020, 11, 595888.	3.5	44
8	Cholesterol-enriched diet disrupts the blood-testis barrier in rabbits. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 307, E1125-E1130.	3.5	40
9	Endolysosome Mechanisms Associated with Alzheimer's Disease-like Pathology in Rabbits Ingesting Cholesterol-Enriched Diet. <i>Journal of Alzheimer's Disease</i> , 2011, 22, 1289-1303.	2.6	35
10	Overcoming Chemoresistance: Altering pH of Cellular Compartments by Chloroquine and Hydroxychloroquine. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 627639.	3.7	35
11	Two-pore channels regulate Tat endolysosome escape and Tat-mediated HIV-1 LTR transactivation. <i>FASEB Journal</i> , 2020, 34, 4147-4162.	0.5	33
12	BK channels regulate extracellular Tat-mediated HIV-1 LTR transactivation. <i>Scientific Reports</i> , 2019, 9, 12285.	3.3	31
13	Lysosomal Stress Response (LSR): Physiological Importance and Pathological Relevance. <i>Journal of Neurolmmune Pharmacology</i> , 2021, 16, 219-237.	4.1	31
14	Release of calcium from endolysosomes increases calcium influx through N-type calcium channels: Evidence for acidic store-operated calcium entry in neurons. <i>Cell Calcium</i> , 2015, 58, 617-627.	2.4	30
15	Ketone bodies protection against HIV-1 Tat-induced neurotoxicity. <i>Journal of Neurochemistry</i> , 2012, 122, 382-391.	3.9	28
16	Caffeine, Through Adenosine A3 Receptor-Mediated Actions, Suppresses Amyloid- β^2 Protein Precursor Internalization and Amyloid- β^2 Generation. <i>Journal of Alzheimer's Disease</i> , 2015, 47, 73-83.	2.6	27
17	HIV-1 gp120 Promotes Lysosomal Exocytosis in Human Schwann Cells. <i>Frontiers in Cellular Neuroscience</i> , 2019, 13, 329.	3.7	27
18	Janus sword actions of chloroquine and hydroxychloroquine against COVID-19. <i>Cellular Signalling</i> , 2020, 73, 109706.	3.6	27

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19	Effects of chronic portal hypertension on agonist-induced actin polymerization in small mesenteric arteries. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 290, H1915-H1921.	3.2	26
20	Myosin phosphorylation triggers actin polymerization in vascular smooth muscle. American Journal of Physiology - Heart and Circulatory Physiology, 2008, 295, H2172-H2177.	3.2	26
21	Rabbits fed cholesterol-enriched diets exhibit pathological features of inclusion body myositis. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 294, R829-R835.	1.8	23
22	HIV-1 gp120-Induced Endolysosome de-Acidification Leads to Efflux of Endolysosome Iron, and Increases in Mitochondrial Iron and Reactive Oxygen Species. Journal of NeuroImmune Pharmacology, 2022, 17, 181-194.	4.1	21
23	Role of endolysosomes and pH in the pathogenesis and treatment of glioblastoma. Cancer Reports, 2019, 2, .	1.4	19
24	Acidifying Endolysosomes Prevented Low-Density Lipoprotein-Induced Amyloidogenesis. Journal of Alzheimer's Disease, 2019, 67, 393-410.	2.6	19
25	Antiretroviral Drugs Promote Amyloidogenesis by De-Acidifying Endolysosomes. Journal of NeuroImmune Pharmacology, 2021, 16, 159-168.	4.1	19
26	Caffeine Blocks HIV-1 Tat-Induced Amyloid Beta Production and Tau Phosphorylation. Journal of NeuroImmune Pharmacology, 2017, 12, 163-170.	4.1	18
27	Importance of measuring endolysosome, cytosolic, and extracellular pH in understanding the pathogenesis of and possible treatments for glioblastoma multiforme. Cancer Reports, 2019, 2, .	1.4	18
28	Role of endolysosomes and inter-organellar signaling in brain disease. Neurobiology of Disease, 2020, 134, 104670.	4.4	18
29	Role of LDL Cholesterol and Endolysosomes in Amyloidogenesis and Alzheimer's Disease. Journal of Neurology & Neurophysiology, 2014, 05, .	0.1	17
30	Effects of silica nanoparticles on endolysosome function in primary cultured neurons. Canadian Journal of Physiology and Pharmacology, 2019, 97, 297-305.	1.4	17
31	Role of Divalent Cations in HIV-1 Replication and Pathogenicity. Viruses, 2020, 12, 471.	3.3	15
32	Apolipoprotein E isoform dependently affects Tat-mediated HIV-1 LTR transactivation. Journal of Neuroinflammation, 2018, 15, 91.	7.2	13
33	Possible Therapeutic Use of Natural Compounds Against COVID-19. Journal of Cellular Signaling, 2021, 2, 63-79.	0.5	11
34	Heterogeneity of ferrous iron-containing endolysosomes and effects of endolysosome iron on endolysosome numbers, sizes, and localization patterns. Journal of Neurochemistry, 2022, 161, 69-83.	3.9	11
35	Readily Releasable Stores of Calcium in Neuronal Endolysosomes: Physiological and Pathophysiological Relevance. Advances in Experimental Medicine and Biology, 2020, 1131, 681-697.	1.6	9
36	Effects of chronic portal hypertension on small heat-shock proteins in mesenteric arteries. American Journal of Physiology - Renal Physiology, 2005, 288, G616-G620.	3.4	8

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37	SARS-CoV-2 S1 Protein Induces Endolysosome Dysfunction and Neuritic Dystrophy. <i>Frontiers in Cellular Neuroscience</i> , 2021, 15, 777738.	3.7	7
38	Endolysosome iron restricts Tat-mediated HIV-1 LTR transactivation by increasing HIV-1 Tat oligomerization and β -catenin expression. <i>Journal of NeuroVirology</i> , 2021, 27, 755-773.	2.1	6
39	Role of Endolysosomes in Skeletal Muscle Pathology Observed in a Cholesterol-Fed Rabbit Model of Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 129.	3.4	5
40	HIV-1 Tat endocytosis and retention in endolysosomes affects HIV-1 Tat-induced LTR transactivation in astrocytes. <i>FASEB Journal</i> , 2022, 36, e22184.	0.5	5
41	Endolysosome Localization of ER α Is Involved in the Protective Effect of 17 β -Estradiol against HIV-1 gp120-Induced Neuronal Injury. <i>Journal of Neuroscience</i> , 2021, 41, 10365-10381.	3.6	4
42	Dimethoxycurcumin Acidifies Endolysosomes and Inhibits SARS-CoV-2 Entry. <i>Frontiers in Virology</i> , 0, 2, .	1.4	2
43	Role of endolysosomes and cholesterol in the pathogenesis of Alzheimer's disease: Insights into why statins might not provide clinical benefit. <i>Austin Journal of Pharmacology and Therapeutics</i> , 2014, 2, .	0.0	1
44	Human Immunodeficiency Virus Transactivator of Transcription-Induced Increases in Depression-like Effects Are Linked to Oxidative Stress. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2017, 2, 552-553.	1.5	0
45	Myosin triggers actin polymerization in vascular smooth muscle. <i>FASEB Journal</i> , 2006, 20, A406.	0.5	0
46	Stabilization of blood-brain barrier by caffeine in cholesterol-fed rabbits. <i>FASEB Journal</i> , 2007, 21, A1168.	0.5	0
47	Cholesterol-enriched diet induces endosome/lysosome dysfunction in a rabbit model of inclusion body myositis. <i>FASEB Journal</i> , 2009, 23, LB135.	0.5	0
48	Amyloid beta accumulation in HIV-1 infected brain: the role of altered cholesterol homeostasis. <i>Clinical Research in HIV/AIDS</i> , 2014, 1, .	0.0	0