

Xuesong Chen

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

45
papers

904
citations

17
h-index

29
g-index

48
ext. papers

1,068
ext. citations

4.5
avg, IF

4.68
L-index

#	Paper	IF	Citations
45	Caffeine protects against MPTP-induced blood-brain barrier dysfunction in mouse striatum. <i>Journal of Neurochemistry</i> , 2008 , 107, 1147-57	6	114
44	Caffeine blocks disruption of blood brain barrier in a rabbit model of Alzheimer's disease. <i>Journal of Neuroinflammation</i> , 2008 , 5, 12	10.1	93
43	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 Suppl 1, S127-41	4.3	80
42	Role of endolysosomes in HIV-1 Tat-induced neurotoxicity. <i>ASN Neuro</i> , 2012 , 4, 243-52	5.3	71
41	Endolysosome involvement in HIV-1 transactivator protein-induced neuronal amyloid beta production. <i>Neurobiology of Aging</i> , 2013 , 34, 2370-8	5.6	48
40	Endolysosome involvement in LDL cholesterol-induced Alzheimer's disease-like pathology in primary cultured neurons. <i>Life Sciences</i> , 2012 , 91, 1159-68	6.8	39
39	Endolysosome mechanisms associated with Alzheimer's disease-like pathology in rabbits ingesting cholesterol-enriched diet. <i>Journal of Alzheimer's Disease</i> , 2010 , 22, 1289-303	4.3	31
38	Two-pore channels regulate Tat endolysosome escape and Tat-mediated HIV-1 LTR transactivation. <i>FASEB Journal</i> , 2020 , 34, 4147-4162	0.9	28
37	Cholesterol-enriched diet disrupts the blood-testis barrier in rabbits. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014 , 307, E1125-30	6	25
36	BK channels regulate extracellular Tat-mediated HIV-1 LTR transactivation. <i>Scientific Reports</i> , 2019 , 9, 12285	4.9	24
35	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, 617-27	4	24
34	Effects of chronic portal hypertension on agonist-induced actin polymerization in small mesenteric arteries. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2006 , 290, H1915-21	5.2	24
33	Ketone bodies protection against HIV-1 Tat-induced neurotoxicity. <i>Journal of Neurochemistry</i> , 2012 , 122, 382-91	6	23
32	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	5.6	23
31	Caffeine, Through Adenosine A3 Receptor-Mediated Actions, Suppresses Amyloid- β Protein Precursor Internalization and Amyloid- β Generation. <i>Journal of Alzheimer's Disease</i> , 2015 , 47, 73-83	4.3	21
30	Myosin phosphorylation triggers actin polymerization in vascular smooth muscle. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008 , 295, H2172-7	5.2	20
29	Rabbits fed cholesterol-enriched diets exhibit pathological features of inclusion body myositis. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008 , 294, R829-35	3.2	19

28	Role of LDL cholesterol and endolysosomes in amyloidogenesis and Alzheimer's disease. <i>Journal of Neurology & Neurophysiology</i> , 2014 , 5,	0.5	15
27	HIV-1 gp120 Promotes Lysosomal Exocytosis in Human Schwann Cells. <i>Frontiers in Cellular Neuroscience</i> , 2019 , 13, 329	6.1	14
26	Caffeine Blocks HIV-1 Tat-Induced Amyloid Beta Production and Tau Phosphorylation. <i>Journal of NeuroImmune Pharmacology</i> , 2017 , 12, 163-170	6.9	14
25	Janus sword actions of chloroquine and hydroxychloroquine against COVID-19. <i>Cellular Signalling</i> , 2020 , 73, 109706	4.9	13
24	Importance of measuring endolysosome, cytosolic, and extracellular pH in understanding the pathogenesis of and possible treatments for glioblastoma multiforme. <i>Cancer Reports</i> , 2019 , 2,	1.5	12
23	Effects of silica nanoparticles on endolysosome function in primary cultured neurons. <i>Canadian Journal of Physiology and Pharmacology</i> , 2019 , 97, 297-305	2.4	12
22	Antiretroviral Drugs Promote Amyloidogenesis by De-Acidifying Endolysosomes. <i>Journal of NeuroImmune Pharmacology</i> , 2021 , 16, 159-168	6.9	12
21	Acidifying Endolysosomes Prevented Low-Density Lipoprotein-Induced Amyloidogenesis. <i>Journal of Alzheimer's Disease</i> , 2019 , 67, 393-410	4.3	11
20	Role of Divalent Cations in HIV-1 Replication and Pathogenicity. <i>Viruses</i> , 2020 , 12,	6.2	10
19	Role of endolysosomes and pH in the pathogenesis and treatment of glioblastoma. <i>Cancer Reports</i> , 2019 , 2,	1.5	10
18	Role of endolysosomes and inter-organellar signaling in brain disease. <i>Neurobiology of Disease</i> , 2020 , 134, 104670	7.5	10
17	Overcoming Chemoresistance: Altering pH of Cellular Compartments by Chloroquine and Hydroxychloroquine. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 627639	5.7	10
16	Apolipoprotein E isoform dependently affects Tat-mediated HIV-1 LTR transactivation. <i>Journal of Neuroinflammation</i> , 2018 , 15, 91	10.1	9
15	HIV-1 gp120-Induced Endolysosome de-Acidification Leads to Efflux of Endolysosome Iron, and Increases in Mitochondrial Iron and Reactive Oxygen Species. <i>Journal of NeuroImmune Pharmacology</i> , 2021 , 1	6.9	9
14	Possible Therapeutic Use of Natural Compounds Against COVID-19. <i>Journal of Cellular Signaling</i> , 2021 , 2, 63-79	1	6
13	Effects of chronic portal hypertension on small heat-shock proteins in mesenteric arteries. <i>American Journal of Physiology - Renal Physiology</i> , 2005 , 288, G616-20	5.1	5
12	Readily Releasable Stores of Calcium in Neuronal Endolysosomes: Physiological and Pathophysiological Relevance. <i>Advances in Experimental Medicine and Biology</i> , 2020 , 1131, 681-697	3.6	5
11	Lysosomal Stress Response (LSR): Physiological Importance and Pathological Relevance. <i>Journal of NeuroImmune Pharmacology</i> , 2021 , 16, 219-237	6.9	5

10	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	5.3	5
9	Endolysosome iron restricts Tat-mediated HIV-1 LTR transactivation by increasing HIV-1 Tat oligomerization and Eatenin expression. <i>Journal of NeuroVirology</i> , 2021 , 27, 755-773	3.9	3
8	Heterogeneity of ferrous iron-containing endolysosomes and effects of endolysosome iron on endolysosome numbers, sizes and localization patterns.. <i>Journal of Neurochemistry</i> , 2022 ,	6	2
7	HIV-1 Tat endocytosis and retention in endolysosomes affects HIV-1 Tat-induced LTR transactivation in astrocytes.. <i>FASEB Journal</i> , 2022 , 36, e22184	0.9	1
6	Role of endolysosomes and cholesterol in the pathogenesis of Alzheimer's disease: Insights into why statins might not provide clinical benefit 2014 , 2,		1
5	SARS-CoV-2 S1 Protein Induces Endolysosome Dysfunction and Neuritic Dystrophy. <i>Frontiers in Cellular Neuroscience</i> , 2021 , 15, 777738	6.1	1
4	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	3.4	
3	Myosin triggers actin polymerization in vascular smooth muscle. <i>FASEB Journal</i> , 2006 , 20, A406	0.9	
2	Stabilization of blood-brain barrier by caffeine in cholesterol-fed rabbits. <i>FASEB Journal</i> , 2007 , 21, A1168	0.9	
1	Cholesterol-enriched diet induces endosome/lysosome dysfunction in a rabbit model of inclusion body myositis. <i>FASEB Journal</i> , 2009 , 23, LB135	0.9	