

Chuanbin Yang

List of Publications by Year in descending order

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42
papers

2,838
citations

304743

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302126

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docs citations

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times ranked

4129
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50,742 1,430	9.1	10
2	Balancing mTOR Signaling and Autophagy in the Treatment of Parkinson's Disease. <i>International Journal of Molecular Sciences</i> , 2019, 20, 728.	4.1	151
3	Exosomes as potential sources of biomarkers in colorectal cancer. <i>Cancer Letters</i> , 2020, 476, 13-22.	7.2	124
4	A small molecule transcription factor EB activator ameliorates beta-amyloid precursor protein and Tau pathology in Alzheimer's disease models. <i>Aging Cell</i> , 2020, 19, e13069.	6.7	101
5	Celastrol induces ferroptosis in activated HSCs to ameliorate hepatic fibrosis via targeting peroxiredoxins and HO-1. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 2300-2314.	12.0	84
6	NRBF2 is involved in the autophagic degradation process of APP-CTFs in Alzheimer disease models. <i>Autophagy</i> , 2017, 13, 2028-2040.	9.1	57
7	Impairment of the autophagy-lysosomal pathway in Alzheimer's diseases: Pathogenic mechanisms and therapeutic potential. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 1019-1040.	12.0	56
8	Celastrol enhances transcription factor EB (TFEB)-mediated autophagy and mitigates Tau pathology: Implications for Alzheimer's disease therapy. <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 1707-1722.	12.0	56
9	Botanical Drug Puerarin Coordinates with Nerve Growth Factor in the Regulation of Neuronal Survival and Neuritogenesis via Activating ERK1/2 and PI3K/Akt Signaling Pathways in the Neurite Extension Process. <i>CNS Neuroscience and Therapeutics</i> , 2015, 21, 61-70.	3.9	53
10	Phosphoproteome-based kinase activity profiling reveals the critical role of MAP2K2 and PLK1 in neuronal autophagy. <i>Autophagy</i> , 2017, 13, 1969-1980.	9.1	48
11	Neuroprotective Natural Products for the Treatment of Parkinson's Disease by Targeting the Autophagy-Lysosome Pathway: A Systematic Review. <i>Phytotherapy Research</i> , 2017, 31, 1119-1127.	5.8	45
12	Neurogenic Traditional Chinese Medicine as a Promising Strategy for the Treatment of Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2017, 18, 272.	4.1	45
13	A stress response p38 MAP kinase inhibitor SB202190 promoted TFEB/TFE3-dependent autophagy and lysosomal biogenesis independent of p38. <i>Redox Biology</i> , 2020, 32, 101445.	9.0	40
14	Antidiabetic Activity and Potential Mechanism of Amentoflavone in Diabetic Mice. <i>Molecules</i> , 2019, 24, 2184.	3.8	36
15	A Curcumin Derivative Activates TFEB and Protects Against Parkinsonian Neurotoxicity in Vitro. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1515.	4.1	36
16	A modified formulation of Huanglian-Jie-Du-Tang reduces memory impairments and A β -amyloid plaques in a triple transgenic mouse model of Alzheimer's disease. <i>Scientific Reports</i> , 2017, 7, 6238.	3.3	35
17	NeuroDefend, a novel Chinese medicine, attenuates amyloid- β and tau pathology in experimental Alzheimer's disease models. <i>Journal of Food and Drug Analysis</i> , 2020, 28, 132-146.	1.9	34
18	Proteomic identification of calcium-binding chaperone calreticulin as a potential mediator for the neuroprotective and neuritogenic activities of fruit-derived glycoside amygdalin. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 146-154.	4.2	32

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19	Bornyl caffeate induces apoptosis in human breast cancer MCF-7 cells via the ROS- and JNK-mediated pathways. <i>Acta Pharmacologica Sinica</i> , 2014, 35, 113-123.	6.1	30
20	Targeting Aggrephagy for the Treatment of Alzheimer's Disease. <i>Cells</i> , 2020, 9, 311.	4.1	29
21	Antifatigue Activity of Liquid Cultured <i>Tricholoma matsutake</i> Mycelium Partially via Regulation of Antioxidant Pathway in Mouse. <i>BioMed Research International</i> , 2015, 2015, 1-10.	1.9	28
22	A natural product solution to aging and aging-associated diseases. , 2020, 216, 107673.		26
23	NRBF2 is a RAB7 effector required for autophagosome maturation and mediates the association of APP-CTFs with active form of RAB7 for degradation. <i>Autophagy</i> , 2021, 17, 1112-1130.	9.1	25
24	<i>N</i> -Propargyl Caffeate Amide (PACA) Potentiates Nerve Growth Factor (NGF)-Induced Neurite Outgrowth and Attenuates 6-Hydroxydopamine (6-OHDA)-Induced Toxicity by Activating the Nrf2/HO-1 Pathway. <i>ACS Chemical Neuroscience</i> , 2015, 6, 1560-1569.	3.5	24
25	Bioactivity-Guided Fractionation Identifies Amygdalin as a Potent Neurotrophic Agent from Herbal Medicine <i>Semen Persicae</i> Extract. <i>BioMed Research International</i> , 2014, 2014, 1-10.	1.9	22
26	The role of melatonin in the treatment of type 2 diabetes mellitus and Alzheimer's disease. <i>International Journal of Biological Sciences</i> , 2022, 18, 983-994.	6.4	22
27	<i>N</i> -Propargyl Caffeamide Skews Macrophages Towards a Resolving M2-Like Phenotype Against Myocardial Ischemic Injury via Activating Nrf2/HO-1 Pathway and Inhibiting NF- κ B Pathway. <i>Cellular Physiology and Biochemistry</i> , 2018, 47, 2544-2557.	1.6	21
28	Amygdalin isolated from <i>Semen Persicae</i> (Tao Ren) extracts induces the expression of follistatin in HepG2 and C2C12 cell lines. <i>Chinese Medicine</i> , 2014, 9, 23.	4.0	20
29	Emerging Roles of CCCH-Type Zinc Finger Proteins in Destabilizing mRNA Encoding Inflammatory Factors and Regulating Immune Responses. <i>Critical Reviews in Eukaryotic Gene Expression</i> , 2015, 25, 77-89.	0.9	20
30	Botanical Drug Puerarin Attenuates 6-Hydroxydopamine (6-OHDA)-Induced Neurotoxicity via Upregulating Mitochondrial Enzyme Arginase-2. <i>Molecular Neurobiology</i> , 2016, 53, 2200-2211.	4.0	20
31	Celastrol, a TFEB (transcription factor EB) agonist, is a promising drug candidate for Alzheimer disease. <i>Autophagy</i> , 2022, 18, 1740-1742.	9.1	20
32	TFEB, a master regulator of autophagy and biogenesis, unexpectedly promotes apoptosis in response to the cyclopentenone prostaglandin 15d-PGJ2. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 1251-1263.	6.1	17
33	Triphenyl phosphate (TPP) promotes hepatocyte toxicity via induction of endoplasmic reticulum stress and inhibition of autophagy flux. <i>Science of the Total Environment</i> , 2022, 840, 156461.	8.0	12
34	Releasing Nrf2 to promote neurite outgrowth. <i>Neural Regeneration Research</i> , 2015, 10, 1934.	3.0	7
35	Dissection of Targeting Molecular Mechanisms of Aristolochic Acid-induced Nephrotoxicity via a Combined Deconvolution Strategy of Chemoproteomics and Metabolomics. <i>International Journal of Biological Sciences</i> , 2022, 18, 2003-2017.	6.4	7
36	A single-cell atlas of bisphenol A (BPA)-induced testicular injury in mice. <i>Clinical and Translational Medicine</i> , 2022, 12, e789.	4.0	7

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37	Characterization of 2,2',4,4'-tetrabromodiphenyl ether (BDE47)-induced testicular toxicity via single-cell RNA-sequencing. <i>Precision Clinical Medicine</i> , 2022, 5, .	3.3	6
38	Modulation of <i>Atg</i> genes expression in aged rat liver, brain, and kidney by caloric restriction analyzed via single-nucleus/cell RNA sequencing. <i>Autophagy</i> , 2023, 19, 706-715.	9.1	5
39	Celastrol Downmodulates Alpha-Synuclein-Specific T Cell Responses by Mediating Antigen Trafficking in Dendritic Cells. <i>Frontiers in Immunology</i> , 2022, 13, 833515.	4.8	4
40	Biochemical mechanisms of bornyl caffeate induced cytotoxicity in rat pheochromocytoma PC12 cells. <i>Chemico-Biological Interactions</i> , 2014, 219, 133-142.	4.0	3
41	Stem Cell Modeling: A Promising New Avenue for Young-onset PD Research. <i>Movement Disorders</i> , 2020, 35, 759-759.	3.9	0
42	Emerging roles of NRBF2/PI3KC3 axis in maintaining homeostasis of brain and guts. <i>Neural Regeneration Research</i> , 2022, 17, 323.	3.0	0