

# Ju-Xian Song

## List of Publications by Year in descending order

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Version: 2024-02-01

57  
papers

7,416  
citations

136950

32  
h-index

144013

57  
g-index

59  
all docs

59  
docs citations

59  
times ranked

17265  
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	CXCL1 derived from tumor-associated macrophages promotes breast cancer metastasis via activating NF- $\kappa$ B/SOX4 signaling. <i>Cell Death and Disease</i> , 2018, 9, 880.	6.3	183
3	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
4	A novel curcumin analog binds to and activates TFEB in vitro and in vivo independent of MTOR inhibition. <i>Autophagy</i> , 2016, 12, 1372-1389.	9.1	141
5	HMGB1 is involved in autophagy inhibition caused by SNCA $\beta$ -synuclein overexpression. <i>Autophagy</i> , 2014, 10, 144-154.	9.1	133
6	Comprehensive urinary metabolomic profiling and identification of potential noninvasive marker for idiopathic Parkinson's disease. <i>Scientific Reports</i> , 2015, 5, 13888.	3.3	116
7	LC-MS-Based Urinary Metabolite Signatures in Idiopathic Parkinson's Disease. <i>Journal of Proteome Research</i> , 2015, 14, 467-478.	3.7	114
8	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
9	Anti-Parkinsonian drug discovery from herbal medicines: What have we got from neurotoxic models?. <i>Journal of Ethnopharmacology</i> , 2012, 139, 698-711.	4.1	93
10	Pharmacological enhancement of TFEB-mediated autophagy alleviated neuronal death in oxidative stress-induced Parkinson's disease models. <i>Cell Death and Disease</i> , 2020, 11, 128.	6.3	82
11	Corynoxine, a Natural Autophagy Enhancer, Promotes the Clearance of Alpha-Synuclein via Akt/mTOR Pathway. <i>Journal of NeuroImmune Pharmacology</i> , 2014, 9, 380-387.	4.1	78
12	A Self-Assembled $\beta$ -Synuclein Nanoscavenger for Parkinson's Disease. <i>ACS Nano</i> , 2020, 14, 1533-1549.	14.6	71
13	Electroacupuncture ameliorates beta-amyloid pathology and cognitive impairment in Alzheimer disease via a novel mechanism involving activation of TFEB (transcription factor EB). <i>Autophagy</i> , 2021, 17, 3833-3847.	9.1	64
14	Chrysotoxine, a novel bibenzyl compound, inhibits 6-hydroxydopamine induced apoptosis in SH-SY5Y cells via mitochondria protection and NF- $\kappa$ B modulation. <i>Neurochemistry International</i> , 2010, 57, 676-689.	3.8	60
15	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
16	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
17	Protective effects of dibenzocyclooctadiene lignans from <i>Schisandra chinensis</i> against beta-amyloid and homocysteine neurotoxicity in PC12 cells. <i>Phytotherapy Research</i> , 2011, 25, 435-443.	5.8	53
18	Tianma Gouteng Yin, a Traditional Chinese Medicine decoction, exerts neuroprotective effects in animal and cellular models of Parkinson's disease. <i>Scientific Reports</i> , 2015, 5, 16862.	3.3	53

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19	Traditional Chinese medicine compounds regulate autophagy for treating neurodegenerative disease: A mechanism review. <i>Biomedicine and Pharmacotherapy</i> , 2021, 133, 110968.	5.6	51
20	Herbal Remedies Supply a Novel Prospect for the Treatment of Atherosclerosis: A Review of Current Mechanism Studies. <i>Phytotherapy Research</i> , 2012, 26, 159-167.	5.8	48
21	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
22	Baicalein antagonizes rotenone-induced apoptosis in dopaminergic SH-SY5Y cells related to Parkinsonism. <i>Chinese Medicine</i> , 2012, 7, 1.	4.0	47
23	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
24	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
25	Corynoxine Protects Dopaminergic Neurons Through Inducing Autophagy and Diminishing Neuroinflammation in Rotenone-Induced Animal Models of Parkinson's Disease. <i>Frontiers in Pharmacology</i> , 2021, 12, 642900.	3.5	44
26	Theranostic F-SLOH mitigates Alzheimer's disease pathology involving TFEB and ameliorates cognitive functions in Alzheimer's disease models. <i>Redox Biology</i> , 2022, 51, 102280.	9.0	41
27	Study of BDE-47 induced Parkinson's disease-like metabolic changes in C57BL/6 mice by integrated metabolomic, lipidomic and proteomic analysis. <i>Journal of Hazardous Materials</i> , 2019, 378, 120738.	12.4	40
28	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
29	Network-pharmacology-based identification of caveolin-1 as a key target of <i>Oldenlandia diffusa</i> to suppress breast cancer metastasis. <i>Biomedicine and Pharmacotherapy</i> , 2019, 112, 108607.	5.6	38
30	Selective autophagy: The new player in the fight against neurodegenerative diseases?. <i>Brain Research Bulletin</i> , 2018, 137, 79-90.	3.0	37
31	Caveolin-1 inhibits breast cancer stem cells via c-Myc-mediated metabolic reprogramming. <i>Cell Death and Disease</i> , 2020, 11, 450.	6.3	36
32	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
33	A modified formulation of Huanglian-Jie-Du-Tang reduces memory impairments and $\beta$ -amyloid plaques in a triple transgenic mouse model of Alzheimer's disease. <i>Scientific Reports</i> , 2017, 7, 6238.	3.3	35
34	NeuroDefend, a novel Chinese medicine, attenuates amyloid- $\beta$ and tau pathology in experimental Alzheimer's disease models. <i>Journal of Food and Drug Analysis</i> , 2020, 28, 132-146.	1.9	34
35	Application of SCAR (sequence characterized amplified region) analysis to authenticate <i>Lycium barbarum</i> (wolfberry) and its adulterants. <i>Biotechnology and Applied Biochemistry</i> , 2008, 51, 15.	3.1	33
36	Chrysotoxine, a novel bibenzyl compound selectively antagonizes MPP+, but not rotenone, neurotoxicity in dopaminergic SH-SY5Y cells. <i>Neuroscience Letters</i> , 2012, 521, 76-81.	2.1	32

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37	Qingyangshen mitigates amyloid- $\beta^2$ and Tau aggregate defects involving PPAR $\alpha$ -TFEB activation in transgenic mice of Alzheimer's disease. <i>Phytomedicine</i> , 2021, 91, 153648.	5.3	32
38	Effects of Huanglian-Jie-Du-Tang and Its Modified Formula on the Modulation of Amyloid- $\beta^2$ Precursor Protein Processing in Alzheimer's Disease Models. <i>PLoS ONE</i> , 2014, 9, e92954.	2.5	32
39	Transcription factor EB: an emerging drug target for neurodegenerative disorders. <i>Drug Discovery Today</i> , 2021, 26, 164-172.	6.4	31
40	Protopine promotes the proteasomal degradation of pathological tau in Alzheimer's disease models via HDAC6 inhibition. <i>Phytomedicine</i> , 2022, 96, 153887.	5.3	30
41	Targeting Aggrephagy for the Treatment of Alzheimer's Disease. <i>Cells</i> , 2020, 9, 311.	4.1	29
42	Ginsenoside Rb1 prevents homocysteine-induced EPC dysfunction via VEGF/p38MAPK and SDF-1/CXCR4 activation. <i>Scientific Reports</i> , 2017, 7, 13061.	3.3	25
43	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
44	Lysosomal TPCN (two pore segment channel) inhibition ameliorates beta-amyloid pathology and mitigates memory impairment in Alzheimer disease. <i>Autophagy</i> , 2022, 18, 624-642.	9.1	20
45	Strategies for brain-targeting liposomal delivery of small hydrophobic molecules in the treatment of neurodegenerative diseases. <i>Drug Discovery Today</i> , 2019, 24, 595-605.	6.4	19
46	Corynoxine B derivative CB6 prevents Parkinsonian toxicity in mice by inducing PIK3C3 complex-dependent autophagy. <i>Acta Pharmacologica Sinica</i> , 2022, 43, 2511-2526.	6.1	19
47	An autoimmunized mouse model recapitulates key features in the pathogenesis of Sjogren's syndrome. <i>International Immunology</i> , 2011, 23, 613-624.	4.0	18
48	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
49	Decrease in the Generation of Amyloid- $\beta^2$ Due to Salvianolic Acid B by Modulating BACE1 Activity. <i>Current Alzheimer Research</i> , 2017, 14, 1229-1237.	1.4	15
50	Autophagy modulator scoring system: a user-friendly tool for quantitative analysis of methodological integrity of chemical autophagy modulator studies. <i>Autophagy</i> , 2020, 16, 195-202.	9.1	14
51	A Randomized Controlled Trial of Chinese Medicine on Nonmotor Symptoms in Parkinson's Disease. <i>Parkinson's Disease</i> , 2017, 2017, 1-8.	1.1	13
52	The efficacy and safety of the Chinese herbal medicine Di-Tan decoction for treating Alzheimer's disease: protocol for a randomized controlled trial. <i>Trials</i> , 2015, 16, 199.	1.6	12
53	Protective effect of bilberry ( <i>Vaccinium myrtillus</i> L.) extracts on cultured human corneal limbal epithelial cells (HCLEC). <i>Phytotherapy Research</i> , 2010, 24, 520-524.	5.8	11
54	6-OH-BDE-47 exposure-induced Parkinson's disease pathology in Sprague Dawley rat. <i>Science of the Total Environment</i> , 2020, 711, 135184.	8.0	9

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55	Corynoxine isomers decrease levels of amyloid- $\beta$ peptide and amyloid- $\beta$ precursor protein by promoting autophagy and lysosome biogenesis. <i>Molecular Neurodegeneration</i> , 2013, 8, P16.	10.8	5
56	Editorial: Assessing the Pharmacological Effects and Therapeutic Potential of Traditional Chinese Medicine in Neurological Disease Models: An Update. <i>Frontiers in Pharmacology</i> , 2022, 13, 909153.	3.5	2
57	Research Advances on the Anti-aging Profile of Fructus lycii: an Ancient Chinese Herbal Medicine. <i>Journal of Complementary and Integrative Medicine</i> , 2008, 5, .	0.9	1