

Xiaomin Wang

List of Publications by Year in descending order

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Version: 2024-02-01

67
papers

2,351
citations

257101

24
h-index

243296

44
g-index

69
all docs

69
docs citations

69
times ranked

3972
citing authors

#	ARTICLE	IF	CITATIONS
1	Parcellating cortical functional networks in individuals. <i>Nature Neuroscience</i> , 2015, 18, 1853-1860.	7.1	429
2	Piperlongumine restores the balance of autophagy and apoptosis by increasing BCL2 phosphorylation in rotenone-induced Parkinson disease models. <i>Autophagy</i> , 2018, 14, 845-861.	4.3	167
3	Systemic activation of NLRP3 inflammasome and plasma α -synuclein levels are correlated with motor severity and progression in Parkinson's disease. <i>Journal of Neuroinflammation</i> , 2020, 17, 11.	3.1	127
4	Cell cycle and p53 gate the direct conversion of human fibroblasts to dopaminergic neurons. <i>Nature Communications</i> , 2015, 6, 10100.	5.8	108
5	Inhibition of EHMT1/2 rescues synaptic and cognitive functions for Alzheimer's disease. <i>Brain</i> , 2019, 142, 787-807.	3.7	98
6	Tenuigenin protects dopaminergic neurons from inflammation via suppressing NLRP3 inflammasome activation in microglia. <i>Journal of Neuroinflammation</i> , 2017, 14, 256.	3.1	91
7	Age-related formaldehyde interferes with DNA methyltransferase function, causing memory loss in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2015, 36, 100-110.	1.5	80
8	Chinese Patent Medicines in the Treatment of Coronavirus Disease 2019 (COVID-19) in China. <i>Frontiers in Pharmacology</i> , 2020, 11, 1066.	1.6	75
9	TRPC6 specifically interacts with APP to inhibit its cleavage by β -secretase and reduce $A\beta$ production. <i>Nature Communications</i> , 2015, 6, 8876.	5.8	60
10	MicroRNA-7 Enhances Subventricular Zone Neurogenesis by Inhibiting NLRP3/Caspase-1 Axis in Adult Neural Stem Cells. <i>Molecular Neurobiology</i> , 2016, 53, 7057-7069.	1.9	60
11	BHBA treatment improves cognitive function by targeting pleiotropic mechanisms in transgenic mouse model of Alzheimer's disease. <i>FASEB Journal</i> , 2020, 34, 1412-1429.	0.2	53
12	Neuroprotective effects of tenuigenin in a SH-SY5Y cell model with 6-OHDA-induced injury. <i>Neuroscience Letters</i> , 2011, 497, 104-109.	1.0	52
13	Piperine induces autophagy by enhancing protein phosphatase 2A activity in a rotenone-induced Parkinson's disease model. <i>Oncotarget</i> , 2016, 7, 60823-60843.	0.8	51
14	Triptolide treatment reduces Alzheimer's disease (AD)-like pathology through inhibition of BACE1 in a transgenic mouse model of AD. <i>DMM Disease Models and Mechanisms</i> , 2014, 7, 1385-1395.	1.2	50
15	Age-associated formaldehyde-induced norepinephrine deficiency contributes to age-related memory decline. <i>Aging Cell</i> , 2015, 14, 659-668.	3.0	50
16	Low-molecular-weight fucoidan protects endothelial function and ameliorates basal hypertension in diabetic Goto-Kakizaki rats. <i>Laboratory Investigation</i> , 2014, 94, 382-393.	1.7	47
17	Triptolide Promotes the Clearance of α -Synuclein by Enhancing Autophagy in Neuronal Cells. <i>Molecular Neurobiology</i> , 2017, 54, 2361-2372.	1.9	41
18	Gamma rhythm low field magnetic stimulation alleviates neuropathologic changes and rescues memory and cognitive impairments in a mouse model of Alzheimer's disease. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2017, 3, 487-497.	1.8	36

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19	Low Molecular Weight Fucoïdan Alleviates Cardiac Dysfunction in Diabetic Goto-Kakizaki Rats by Reducing Oxidative Stress and Cardiomyocyte Apoptosis. <i>Journal of Diabetes Research</i> , 2014, 2014, 1-13.	1.0	33
20	The E3 Ubiquitin Ligase c-Rel Inhibits Microglia-Mediated CNS Inflammation by Regulating PI3K/Akt/NF- κ B Pathway. <i>CNS Neuroscience and Therapeutics</i> , 2016, 22, 661-669.	1.9	33
21	Genetics of Alzheimer's disease: From pathogenesis to clinical usage. <i>Journal of Clinical Neuroscience</i> , 2017, 45, 1-8.	0.8	33
22	Morphological analysis of mitochondria for evaluating the toxicity of β -synuclein in transgenic mice and isolated preparations by atomic force microscopy. <i>Biomedicine and Pharmacotherapy</i> , 2017, 96, 1380-1388.	2.5	30
23	Chamaejasmenin B, a novel candidate, inhibits breast tumor metastasis by rebalancing TGF-beta paradox. <i>Oncotarget</i> , 2016, 7, 48180-48192.	0.8	30
24	Synaptotagmin-1 inhibits cytokine secretion and phagocytosis in microglia. <i>Glia</i> , 2017, 65, 1656-1667.	2.5	28
25	Early prevention of cognitive impairment in the community population: The Beijing Aging Brain Rejuvenation Initiative. <i>Alzheimer's and Dementia</i> , 2021, 17, 1610-1618.	0.4	28
26	Olfactory Dysfunction and Its Relationship with Clinical Symptoms of Alzheimer Disease. , 2018, 9, 1084.		27
27	Effect and mechanism of fuzhisin and donepezil on the sirtuin 1 pathway and amyloid precursor protein metabolism in PC12 cells. <i>Molecular Medicine Reports</i> , 2016, 13, 3539-3546.	1.1	26
28	Electroacupuncture remediates glial dysfunction and ameliorates neurodegeneration in the astrocytic β -synuclein mutant mouse model. <i>Journal of Neuroinflammation</i> , 2015, 12, 103.	3.1	25
29	Disease Progression-Dependent Expression of CD200R1 and CX3CR1 in Mouse Models of Parkinson's Disease. , 2020, 11, 254.		25
30	Low-intensity pulsed ultrasound ameliorates depression-like behaviors in a rat model of chronic unpredictable stress. <i>CNS Neuroscience and Therapeutics</i> , 2021, 27, 233-243.	1.9	23
31	Reversible GABAergic dysfunction involved in hippocampal hyperactivity predicts early-stage Alzheimer disease in a mouse model. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 114.	3.0	23
32	Tenuigenin down-regulates the release of nitric oxide, matrix metalloproteinase-9 and cytokines from lipopolysaccharide-stimulated microglia. <i>Neuroscience Letters</i> , 2017, 650, 82-88.	1.0	20
33	Generation of Naïvetropic Induced Pluripotent Stem Cells from Parkinson's Disease Patients for High-Efficiency Genetic Manipulation and Disease Modeling. <i>Stem Cells and Development</i> , 2015, 24, 2591-2604.	1.1	19
34	EP2-PKA signaling is suppressed by triptolide in lipopolysaccharide-induced microglia activation. <i>Journal of Neuroinflammation</i> , 2015, 12, 50.	3.1	19
35	Sestrin2 protects against bavachin induced ER stress through AMPK/mTORC1 signaling pathway in HepG2 cells. <i>Journal of Pharmacological Sciences</i> , 2021, 145, 175-186.	1.1	19
36	Electroacupuncture Alleviates Motor Symptoms and Up-Regulates Vesicular Glutamatergic Transporter 1 Expression in the Subthalamic Nucleus in a Unilateral 6-Hydroxydopamine-Lesioned Hemi-Parkinsonian Rat Model. <i>Neuroscience Bulletin</i> , 2018, 34, 476-484.	1.5	17

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37	The Effect of Fucoidan on Cellular Oxidative Stress and the CatD-Bax Signaling Axis in MN9D Cells Damaged by 1-Methyl-4-Phenylpyridinium. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 429.	1.7	16
38	A Novel Immunosuppressor, (5R)-5-Hydroxytriptolide, Alleviates Movement Disorder and Neuroinflammation in a 6-OHDA Hemiparkinsonian Rat Model. , 2017, 8, 31.		13
39	Electroacupuncture Produces the Sustained Motor Improvement in 6-Hydroxydopamine-Lesioned Mice. <i>PLoS ONE</i> , 2016, 11, e0149111.	1.1	13
40	Synthesis and biological evaluation of a novel class of coumarin derivatives. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 5274-5278.	1.0	12
41	Exploring the Effects of Genetic Variants on Clinical Profiles of Parkinson's Disease Assessed by the Unified Parkinson's Disease Rating Scale and the Hoehn-Yahr Stage. <i>PLoS ONE</i> , 2016, 11, e0155758.	1.1	12
42	Time course study of fractional anisotropy in the substantia nigra of a parkinsonian rat model induced by 6-OHDA. <i>Behavioural Brain Research</i> , 2017, 328, 130-137.	1.2	11
43	Autophagy-ERK1/2-Involved Disinhibition of Hippocampal Neurons Contributes to the Pre-Synaptic Toxicity Induced by A β 242 Exposure. <i>Journal of Alzheimer's Disease</i> , 2017, 59, 851-869.	1.2	11
44	Identification of Hub Genes and Small Molecule Drugs Associated with Acquired Resistance to Gefitinib in Non-Small Cell Lung Cancer. <i>Journal of Cancer</i> , 2021, 12, 5286-5295.	1.2	10
45	Efficacy and safety of Lianhuaqingwen for mild or moderate coronavirus disease 2019. <i>Medicine (United States)</i> , 2021, 100, e26059.	0.4	10
46	A Survey of the Current Situation of Clinical Biobanks in China. <i>Biopreservation and Biobanking</i> , 2017, 15, 248-252.	0.5	9
47	The effect of electroacupuncture on proteomic changes in the motor cortex of 6-OHDA Parkinsonian rats. <i>Brain Research</i> , 2017, 1673, 52-63.	1.1	9
48	CpG demethylation in the neurotoxicity of 1-methyl-4-phenylpyridinium might mediate transcriptional up-regulation of α -synuclein in SH-SY5Y cells. <i>Neuroscience Letters</i> , 2017, 659, 124-132.	1.0	9
49	Development of an antibody-dependent cellular cytotoxicity reporter assay for measuring anti-Middle East Respiratory Syndrome antibody bioactivity. <i>Scientific Reports</i> , 2020, 10, 16615.	1.6	9
50	CD200 maintains the region-specific phenotype of microglia in the midbrain and its role in Parkinson's disease. <i>Glia</i> , 2020, 68, 1874-1890.	2.5	9
51	Synaptotagmin-1 regulates the functions of caveolae and responds to mechanical stimuli in astrocytes. <i>FASEB Journal</i> , 2020, 34, 2609-2624.	0.2	8
52	Prognostic significance of thrombocytosis in lung cancer: a systematic review and meta-analysis. <i>Platelets</i> , 2021, 32, 919-927.	1.1	7
53	Aberrant CpG Methylation Mediates Abnormal Transcription of MAO-A Induced by Acute and Chronic l-3,4-Dihydroxyphenylalanine Administration in SH-SY5Y Neuronal Cells. <i>Neurotoxicity Research</i> , 2017, 31, 334-347.	1.3	5
54	The Effect of Ginkgo Biloba Dropping Pills on Hemorheology and Blood Lipid: A Systematic Review of Randomized Trials. <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-12.	0.5	5

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55	Editorial: Integrative Approach to Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2019, 11, 339.	1.7	5
56	The effect of traditional Chinese medicine treatment for post-viral olfactory dysfunction. <i>Medicine (United States)</i> , 2021, 100, e25536.	0.4	5
57	Poultry and Fish Intake and Pancreatic Cancer Risk: A Systematic Review and Meta-Analysis. <i>Nutrition and Cancer</i> , 2022, 74, 55-67.	0.9	5
58	Huayu Wan Prevents Lewis Lung Cancer Metastasis in Mice via the Platelet Pathway. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-7.	0.5	4
59	Effects of Acupuncture and Moxibustion on Breast Cancer-Related Lymphedema: A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Integrative Cancer Therapies</i> , 2021, 20, 153473542110441.	0.8	4
60	Clinical characteristics and prognostic analysis of Lung Cancer patients with Hypercoagulability: A single-center, retrospective, real-world study. <i>Journal of Cancer</i> , 2021, 12, 2968-2974.	1.2	4
61	Anti-Lung Cancer Targets of Radix Paeoniae Rubra and Biological Molecular Mechanism: Network Pharmacological Analyses and Experimental Validation. <i>OncoTargets and Therapy</i> , 2021, Volume 14, 1925-1936.	1.0	3
62	Serotonin 1A receptor agonist modulation of motor deficits and cortical oscillations by NMDA receptor interaction in parkinsonian rats. <i>Neuropharmacology</i> , 2022, 203, 108881.	2.0	3
63	Effect of Pulmonary Rehabilitation on Postoperative Clinical Status in Patients with Lung Cancer and Chronic Obstructive Pulmonary Disease: A Systematic Review and Meta-Analysis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-9.	0.5	3
64	Nanoparticle albumin-bound paclitaxel versus solvent-based paclitaxel in breast cancer. <i>Medicine (United States)</i> , 2021, 100, e24514.	0.4	2
65	Relation between microPET imaging and rotational behavior in a parkinsonian rat model induced by medial forebrain bundle axotomy. <i>Behavioural Brain Research</i> , 2014, 265, 148-154.	1.2	1
66	Bevacizumab Plays a double-edged role in Neoadjuvant Therapy for Non-metastatic Breast Cancer: A Systemic Review and Meta-Analysis. <i>Journal of Cancer</i> , 2021, 12, 2643-2653.	1.2	1
67	Effectiveness of intervention for aromatase inhibitor-associated musculoskeletal symptoms. <i>Medicine (United States)</i> , 2022, 101, e28982.	0.4	0