

Xuebing Cao

List of Publications by Year in descending order

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34
papers

1,296
citations

516710

16
h-index

395702

33
g-index

35
all docs

35
docs citations

35
times ranked

1737
citing authors

#	ARTICLE	IF	CITATIONS
1	Cerebrotendinous xanthomatosis: a comprehensive review of pathogenesis, clinical manifestations, diagnosis, and management. <i>Orphanet Journal of Rare Diseases</i> , 2014, 9, 179.	2.7	357
2	Delta-secretase cleaves amyloid precursor protein and regulates the pathogenesis in Alzheimer's disease. <i>Nature Communications</i> , 2015, 6, 8762.	12.8	210
3	TrkB neurotrophic activities are blocked by α -synuclein, triggering dopaminergic cell death in Parkinson's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 10773-10778.	7.1	91
4	α -Synuclein stimulation of monoamine oxidase-B and legumain protease mediates the pathology of Parkinson's disease. <i>EMBO Journal</i> , 2018, 37, .	7.8	73
5	Initiation of Parkinson's disease from gut to brain by α -secretase. <i>Cell Research</i> , 2020, 30, 70-87.	12.0	69
6	Exosomes from patients with Parkinson's disease are pathological in mice. <i>Journal of Molecular Medicine</i> , 2019, 97, 1329-1344.	3.9	58
7	Small molecule TrkB agonist deoxygedunin protects nigrostriatal dopaminergic neurons from 6-OHDA and MPTP induced neurotoxicity in rodents. <i>Neuropharmacology</i> , 2015, 99, 448-458.	4.1	54
8	α -Synuclein binds and sequesters PIKE-L into Lewy bodies, triggering dopaminergic cell death via AMPK hyperactivation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 1183-1188.	7.1	44
9	Dopamine regulates distinctively the activity patterns of striatal output neurons in advanced parkinsonian primates. <i>Journal of Neurophysiology</i> , 2015, 113, 1533-1544.	1.8	43
10	Effects and molecular mechanism of chitosan-coated levodopa nanoliposomes on behavior of dyskinesia rats. <i>Biological Research</i> , 2016, 49, 32.	3.4	34
11	Evaluation of Wearable Sensor Devices in Parkinson's Disease: A Review of Current Status and Future Prospects. <i>Parkinson's Disease</i> , 2020, 2020, 1-8.	1.1	28
12	BDNF and Netrin-1 repression by C/EBP β in the gut triggers Parkinson's disease pathologies, associated with constipation and motor dysfunctions. <i>Progress in Neurobiology</i> , 2021, 198, 101905.	5.7	24
13	Antidyskinetic Effects of MEK Inhibitor Are Associated with Multiple Neurochemical Alterations in the Striatum of Hemiparkinsonian Rats. <i>Frontiers in Neuroscience</i> , 2017, 11, 112.	2.8	23
14	7,8-Dihydroxyflavone Protects Nigrostriatal Dopaminergic Neurons from Rotenone-Induced Neurotoxicity in Rodents. <i>Parkinson's Disease</i> , 2019, 2019, 1-10.	1.1	22
15	Characteristic of Parkinson's disease with severe COVID-19: a study of 10 cases from Wuhan. <i>Journal of Neural Transmission</i> , 2021, 128, 37-48.	2.8	22
16	TRH Analog, Taltirelin Protects Dopaminergic Neurons From Neurotoxicity of MPTP and Rotenone. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 485.	3.7	21
17	Distinct anti-dyskinetic effects of amantadine and group II metabotropic glutamate receptor agonist LY354740 in a rodent model: An electrophysiological perspective. <i>Neurobiology of Disease</i> , 2020, 139, 104807.	4.4	12
18	Levetiracetam Ameliorates L-DOPA-Induced Dyskinesia in Hemiparkinsonian Rats Inducing Critical Molecular Changes in the Striatum. <i>Parkinson's Disease</i> , 2015, 2015, 1-9.	1.1	11

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19	Involvement of p38 mitogen-activated protein kinase in altered expressions of AQP1 and AQP4 after carbon monoxide poisoning in rat astrocytes. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019, 125, 394-404.	2.5	11
20	TRH Analog, Taltirelin Improves Motor Function of Hemi-PD Rats Without Inducing Dyskinesia via Sustained Dopamine Stimulating Effect. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 417.	3.7	10
21	The Rodent Models of Dyskinesia and Their Behavioral Assessment. <i>Frontiers in Neurology</i> , 2019, 10, 1016.	2.4	10
22	The gut-brain axis in the pathogenesis of Parkinson's disease. <i>Brain Science Advances</i> , 2019, 5, 73-81.	0.9	10
23	LY354740 Reduces Extracellular Glutamate Concentration, Inhibits Phosphorylation of Fyn/NMDARs, and Expression of PLK2/pS129 α -Synuclein in Mice Treated With Acute or Sub-Acute MPTP. <i>Frontiers in Pharmacology</i> , 2020, 11, 183.	3.5	10
24	Altered Intra- and Inter-Network Connectivity in Drug-Naïve Patients With Early Parkinson's Disease. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 783634.	3.4	10
25	Amphiphysin I cleavage by asparagine endopeptidase leads to tau hyperphosphorylation and synaptic dysfunction. <i>ELife</i> , 2021, 10, .	6.0	9
26	Proliferating Cell Nuclear Antigen Binds DNA Polymerase- β and Mediates 1-Methyl-4-Phenylpyridinium-Induced Neuronal Death. <i>PLoS ONE</i> , 2014, 9, e106669.	2.5	6
27	Prevalence and Clinical Features of FOG in Chinese PD Patients, a Multicenter and Cross-Sectional Clinical Study. <i>Frontiers in Neurology</i> , 2021, 12, 568841.	2.4	6
28	Histological Correlates of Neuroanatomical Changes in a Rat Model of Levodopa-Induced Dyskinesia Based on Voxel-Based Morphometry. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 759934.	3.4	6
29	Intrastriatal injection of ionomycin profoundly changes motor response to l-DOPA and its underlying molecular mechanisms. <i>Neuroscience</i> , 2017, 340, 23-33.	2.3	3
30	Bilateral Implantation of Shear Stress Modifier in ApoE Knockout Mouse Induces Cognitive Impairment and Tau Abnormalities. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 303.	3.4	3
31	Experimental study on heterograft of glomus cells of carotid body for hemiparkinsonian rats. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2002, 22, 129-131.	1.0	2
32	Dynamic expression of bFGF and TGF β 2 in glomus cell grafts of carotid body in rat model of parkinson disease. <i>Journal of Huazhong University of Science and Technology [Medical Sciences]</i> , 2003, 23, 380-382.	1.0	2
33	Repetitive transcranial magnetic stimulation causes significant changes of chemical substances in the brain of rabbits with experimental intracerebral hemorrhage. <i>Frontiers of Medicine in China</i> , 2008, 2, 406-409.	0.1	1
34	Structural brain changes in Ser129-phosphorylated alpha-synuclein rats based on voxel-based morphometry. <i>Behavioural Brain Research</i> , 2020, 393, 112786.	2.2	1