Qian Xu

List of Publications by Year in descending order

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101 papers	1,922 citations	304743 22 h-index	330143 37 g-index
110 all docs	110 docs citations	110 times ranked	2814 citing authors

#	Article	IF	Citations
1	Role of non-coding RNAs and RNA modifiers in cancer therapy resistance. Molecular Cancer, 2020, 19, 47.	19.2	150
2	Expansion of GGC repeat in the human-specific NOTCH2NLC gene is associated with essential tremor. Brain, 2020, 143, 222-233.	7.6	139
3	Recent Advances in Biomarkers for Parkinsonâ€™s Disease. Frontiers in Aging Neuroscience, 2018, 10, 305.	3.4	120
4	The role of genetics in Parkinsonâ€™s disease: a large cohort study in Chinese mainland population. Brain, 2020, 143, 2220-2234.	7.6	97
5	Hypomethylation of SNCA in blood of patients with sporadic Parkinson's disease. Journal of the Neurological Sciences, 2014, 337, 123-128.	0.6	90
6	Redox regulation of the actin cytoskeleton and its role in the vascular system. Free Radical Biology and Medicine, 2017, 109, 84-107.	2.9	85
7	Coding mutations inNUS1contribute to Parkinsonâ€™s disease. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 11567-11572.	7.1	78
8	The role of vascular peroxidase 1 in ox-LDL-induced vascular smoothÂmuscle cell calcification. Atherosclerosis, 2015, 243, 357-363.	0.8	43
9	Vascular peroxidase 1 mediates hypoxia-induced pulmonary artery smooth muscle cell proliferation, apoptosis resistance and migration. Cardiovascular Research, 2018, 114, 188-199.	3.8	41
10	Clinical Heterogeneity Among LRRK2 Variants in Parkinson's Disease: A Meta-Analysis. Frontiers in Aging Neuroscience, 2018, 10, 283.	3.4	40
11	Effect ofGBAMutations on Phenotype of Parkinsonâ€™s Disease: A Study on Chinese Population and aMeta-Analysis. Parkinson's Disease, 2015, 2015, 1-10.	1.1	38
12	Clinical Features and Correlates of Excessive Daytime Sleepiness in Parkinson's Disease. Frontiers in Neurology, 2019, 10, 121.	2.4	38
13	Lack of association between IL-10 and IL-18 gene promoter polymorphisms and Parkinsonâ€™s disease with cognitive impairment in a Chinese population. Scientific Reports, 2016, 6, 19021.	3.3	35
14	Genetic analysis of N6-methyladenosine modification genes in Parkinson's disease. Neurobiology of Aging, 2020, 93, 143.e9-143.e13.	3.1	35
15	TMEM230 mutation analysis in Parkinson's disease in a Chinese population. Neurobiology of Aging, 2017, 49, 219.e1-219.e3.	3.1	34
16	Vascular peroxidase 1 is a novel regulator of cardiac fibrosis after myocardial infarction. Redox Biology, 2019, 22, 101151.	9.0	30
17	GCH1 variants contribute to the risk and earlier age-at-onset of Parkinsonâ€™s disease: a two-cohort case-control study. Translational Neurodegeneration, 2020, 9, 31.	8.0	30
18	A Meta-Analysis of GBA-Related Clinical Symptoms in Parkinsonâ€™s Disease. Parkinson's Disease, 2018, 2018, 1-7.	1.1	29

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19	Critical role of vascular peroxidase 1 in regulating endothelial nitric oxide synthase. Redox Biology, 2017, 12, 226-232.	9.0	25
20	Olfactory Dysfunction Predicts Disease Progression in Parkinsonâ€™s Disease: A Longitudinal Study. Frontiers in Neuroscience, 2020, 14, 569777.	2.8	25
21	The rs3756063 polymorphism is associated with SNCA methylation in the Chinese Han population. Journal of the Neurological Sciences, 2016, 367, 11-14.	0.6	24
22	A neurophysiological profile in Parkinsonâ€™s disease with mild cognitive impairment and dementia in China. Journal of Clinical Neuroscience, 2015, 22, 981-985.	1.5	23
23	Mutation analysis of CHCHD2 gene in Chinese familial Parkinson's disease. Neurobiology of Aging, 2015, 36, 3117.e7-3117.e8.	3.1	22
24	Rare GCH1 heterozygous variants contributing to Parkinsonâ€™s disease. Brain, 2017, 140, e41-e41.	7.6	21
25	Peroxidasin promotes diabetic vascular endothelial dysfunction induced by advanced glycation end products via NOX2/HOCl/Akt/eNOS pathway. Redox Biology, 2021, 45, 102031.	9.0	19
26	Alteration of methylation status in the ATXN3 gene promoter region is linked to the SCA3/MJD. Neurobiology of Aging, 2017, 53, 192.e5-192.e10.	3.1	18
27	Exon dosage analysis of parkin gene in Chinese sporadic Parkinsonâ€™s disease. Neuroscience Letters, 2015, 604, 47-51.	2.1	17
28	Systematically analyzing rare variants of autosomal-dominant genes for sporadic Parkinson's disease in a Chinese cohort. Neurobiology of Aging, 2019, 76, 215.e1-215.e7.	3.1	17
29	The GBA, DYRK1A and MS4A6A polymorphisms influence the age at onset of Chinese Parkinson patients. Neuroscience Letters, 2016, 621, 133-136.	2.1	16
30	Involvement of vascular peroxidase 1 in angiotensin Iiâ€“induced hypertrophy of H9c2 cells. Journal of the American Society of Hypertension, 2017, 11, 519-529.e1.	2.3	16
31	Genetic Analysis of LRRK2 R1628P in Parkinsonâ€™s Disease in Asian Populations. Parkinson's Disease, 2017, 2017, 1-6.	1.1	16
32	Suppressing ROSâ€TFE3â€dependent autophagy enhances ivermectinâ€induced apoptosis in human melanoma cells. Journal of Cellular Biochemistry, 2019, 120, 1702-1715.	2.6	16
33	lncRNA expression profiles and associated ceRNA network analyses in epicardial adipose tissue of patients with coronary artery disease. Scientific Reports, 2021, 11, 1567.	3.3	16
34	Analysis of several loci from genome-wide association studies in Parkinsonâ€™s disease in mainland China. Neuroscience Letters, 2015, 587, 68-71.	2.1	15
35	Genome-wide analysis of DNA methylation during antagonism of DMOG to MnCl2-induced cytotoxicity in the mouse substantia nigra. Scientific Reports, 2016, 6, 28933.	3.3	15
36	Factors Associated With Dyskinesia in Parkinson's Disease in Mainland China. Frontiers in Neurology, 2019, 10, 477.	2.4	15

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37	Association of HIF1A and Parkinsonâ€™s disease in a Han Chinese population demonstrated by molecular inversion probe analysis. Neurological Sciences, 2019, 40, 1927-1931.	1.9	15
38	Characteristics of Autonomic Dysfunction in Parkinsonâ€™s Disease: A Large Chinese Multicenter Cohort Study. Frontiers in Aging Neuroscience, 2021, 13, 761044.	3.4	15
39	Spinocerebellar ataxia type 6: Systematic pathoâ€anatomical study reveals different phylogenetically defined regions of the cerebellum and neural pathways undergo different evolutions of the degenerative process. Neuropathology, 2010, 30, 501-514.	1.2	14
40	Assessment of RIT2 rs12456492 association with Parkinson's disease in Mainland China. Neurobiology of Aging, 2015, 36, 1600.e9-1600.e11.	3.1	13
41	The Association betweenC9orf72Repeats and Risk of Alzheimerâ€™s Disease and Amyotrophic Lateral Sclerosis: A Meta-Analysis. Parkinson's Disease, 2016, 2016, 1-8.	1.1	13
42	The Chinese Parkinson's Disease Registry (<scp>CPDR</scp>): Study Design and Baseline Patient Characteristics. Movement Disorders, 2022, 37, 1335-1345.	3.9	13
43	Relationship between Alzheimer's disease GWAS-linked top hits and risk of Parkinson's disease with or without cognitive decline: a Chinese population-based study. Neurobiology of Aging, 2016, 39, 217.e9-217.e11.	3.1	12
44	Novel mutations in ADSL for Adenylosuccinate Lyase Deficiency identified by the combination of Trio-WES and constantly updated guidelines. Scientific Reports, 2017, 7, 1625.	3.3	12
45	Study on the Clinical Features of Parkinson's Disease With Probable Rapid Eye Movement Sleep Behavior Disorder. Frontiers in Neurology, 2020, 11, 979.	2.4	12
46	High-Normal Serum Magnesium and Hypermagnesemia Are Associated With Increased 30-Day In-Hospital Mortality: A Retrospective Cohort Study. Frontiers in Cardiovascular Medicine, 2021, 8, 625133.	2.4	12
47	Autophagy is activated to protect renal tubular epithelial cells against iodinated contrast media-induced cytotoxicity. Molecular Medicine Reports, 2017, 16, 8277-8282.	2.4	11
48	Ethnicity-specific and overlapping alterations of brain hydroxymethylome in Alzheimerâ€™s disease. Human Molecular Genetics, 2020, 29, 149-158.	2.9	11
49	The Association Between Lysosomal Storage Disorder Genes and Parkinsonâ€™s Disease: A Large Cohort Study in Chinese Mainland Population. Frontiers in Aging Neuroscience, 2021, 13, 749109.	3.4	11
50	Spinocerebellar ataxia type 11 in the Chinese Han population. Neurological Sciences, 2010, 31, 107-109.	1.9	10
51	Genetic analysis of DNA methylation and hydroxymethylation genes in Parkinson's disease. Neurobiology of Aging, 2019, 84, 242.e13-242.e16.	3.1	10
52	Association analysis of STK39, MCCC1/LAMP3 and sporadic PD in the Chinese Han population. Neuroscience Letters, 2014, 566, 206-209.	2.1	9
53	RAB39B gene mutations are not linked to familial Parkinsonâ€™s disease in China. Scientific Reports, 2016, 6, 34502.	3.3	9
54	Serum cystatin c is not superior to serum creatinine for early diagnosis of contrast-induced nephropathy in patients who underwent angiography. Journal of Clinical Laboratory Analysis, 2017, 31, e22096.	2.1	9

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55	Atorvastatin alleviates iodinated contrast media-induced cytotoxicity in human proximal renal tubular epithelial cells. Experimental and Therapeutic Medicine, 2017, 14, 3309-3313.	1.8	8
56	Relationship between GWAS-linked three new loci in Essential tremor and risk of Parkinson's disease in Chinese population. Parkinsonism and Related Disorders, 2017, 43, 124-126.	2.2	8
57	Clinical characteristics of PD patients with LRRK2 G2385R and R1628P variants. Neuroscience Letters, 2018, 685, 185-189.	2.1	8
58	Conditional Haploinsufficiency of Î²-Catenin Aggravates Neuronal Damage in a Paraquat-Based Mouse Model of Parkinson Disease. Molecular Neurobiology, 2019, 56, 5157-5166.	4.0	8
59	Comprehensive Analyses of miRNA-mRNA Network and Potential Drugs in Idiopathic Pulmonary Arterial Hypertension. BioMed Research International, 2020, 2020, 1-10.	1.9	8
60	The Discriminative Power of Different Olfactory Domains in Parkinson's Disease. Frontiers in Neurology, 2020, 11, 420.	2.4	8
61	ATP10B variants in Parkinsonâ€™s disease: a large cohort study in Chinese mainland population. Acta Neuropathologica, 2021, 141, 805-806.	7.7	8
62	A Nomogram for Predicting Hospital Mortality in Intensive Care Unit Patients with Acute Myocardial Infarction. International Journal of General Medicine, 2021, Volume 14, 5863-5877.	1.8	8
63	Human umbilical cordâ€‘derived mesenchymal stem cells and human cord blood mononuclear cells protect against cisplatinâ€‘induced acute kidney injury in rat models. Experimental and Therapeutic Medicine, 2020, 20, 145.	1.8	8
64	Assessment of <scp>GGC</scp> Repeat Expansion in <scp>GIPC1</scp> in Patients with Parkinson's Disease. Movement Disorders, 2022, 37, 1557-1559.	3.9	8
65	Mutations analysis of RAB39B gene in Chinese early-onset Parkinson's disease. Parkinsonism and Related Disorders, 2016, 28, 157-158.	2.2	7
66	PSAP variants in Parkinsonâ€™s disease: a large cohort study in Chinese mainland population. Brain, 2021, 144, e25-e25.	7.6	7
67	Altered hydroxymethylome in the substantia nigra of Parkinsonâ€™s disease. Human Molecular Genetics, 2022, 31, 3494-3503.	2.9	7
68	A Spinocerebellar Ataxia Family with Expanded Alleles in the Tata-Binding Protein Gene andAtaxin-3Gene. International Journal of Neuroscience, 2010, 120, 159-161.	1.6	6
69	Impaired iPLA2Î² activity affects iron uptake and storage without iron accumulation: An in vitro study excluding decreased iPLA2Î² activity as the cause of iron deposition in PLAN. Brain Research, 2019, 1712, 25-33.	2.2	6
70	Association of rare heterozygous PLA2G6 variants with the risk of Parkinson's disease. Neurobiology of Aging, 2021, 101, 297.e5-297.e8.	3.1	6
71	Constructing Prediction Models for Freezing of Gait by Nomogram and Machine Learning: A Longitudinal Study. Frontiers in Neurology, 2021, 12, 684044.	2.4	6
72	The omitted symptoms challenge the diagnosis of right atrial myxoma: a case report. BMC Cardiovascular Disorders, 2020, 20, 149.	1.7	5

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73	No relationship between SRY variants and risk of Parkinson's disease in Chinese population. Neurobiology of Aging, 2021, 100, 119.e3-119.e6.	3.1	5
74	UQCRC1 variants in Parkinsonâ€™s disease: a large cohort study in Chinese mainland population. Brain, 2021, 144, e54-e54.	7.6	5
75	PXDN reduces autophagic flux in insulin-resistant cardiomyocytes via modulating FoxO1. Cell Death and Disease, 2021, 12, 418.	6.3	5
76	Evaluating the role of ARSA in Chinese patients with Parkinson's disease. Neurobiology of Aging, 2022, 109, 269-272.	3.1	5
77	Admission white blood cell count predicts post-discharge mortality in patients with acute aortic dissection: data from the MIMIC-III database. BMC Cardiovascular Disorders, 2021, 21, 462.	1.7	5
78	The macular inner plexiform layer thickness as an early diagnostic indicator for Parkinsonâ€™s disease. Npj Parkinson's Disease, 2022, 8, .	5.3	5
79	Identification of Ser465 as a novel PINK1 autophosphorylation site. Translational Neurodegeneration, 2017, 6, 34.	8.0	4
80	Olfactory Dysfunction and Its Relationship With Clinical Features of Parkinson's Disease. Frontiers in Neurology, 2020, 11, 526615.	2.4	4
81	Novel GALC Mutations Cause Adult-Onset Krabbe Disease With Myelopathy in Two Chinese Families: Case Reports and Literature Review. Frontiers in Neurology, 2020, 11, 830.	2.4	4
82	Rare variant analysis of essential tremorâ€associated genes in earlyâ€onset Parkinsonâ€™s disease. Annals of Clinical and Translational Neurology, 2021, 8, 119-125.	3.7	4
83	Increase associated risk of gynaecological cancer due to long-term exposure to high concentration of atmospheric SO₂ industrial pollutant. Indoor and Built Environment, 2022, 31, 2183-2192.	2.8	4
84	Association Between the Admission Serum Bicarbonate and Short-Term and Long-Term Mortality in Acute Aortic Dissection Patients Admitted to the Intensive Care Unit. International Journal of General Medicine, 2021, Volume 14, 4183-4195.	1.8	4
85	Evaluation of common and rare variants of Alzheimer's disease-causal genes in Parkinson's disease. Parkinsonism and Related Disorders, 2022, 97, 8-14.	2.2	4
86	Identification of CHCHD10 variants in Chinese patients with Parkinson's disease. Parkinsonism and Related Disorders, 2018, 47, 96-97.	2.2	3
87	Potential mechanisms and serum biomarkers involved in sex differences in pulmonary arterial hypertension. Medicine (United States), 2020, 99, e19612.	1.0	3
88	Assessment of the association between NUS1 variants and essential tremor. Neuroscience Letters, 2021, 740, 135441.	2.1	3
89	Exploring the Role of Epicardial Adipose Tissue in Coronary Artery Disease From the Difference of Gene Expression. Frontiers in Physiology, 2021, 12, 605811.	2.8	3
90	Genetic Impact on Clinical Features in Parkinsonâ€™s Disease: A Study on SNCA-rs11931074. Parkinson's Disease, 2018, 2018, 1-4.	1.1	2

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91	Gastrointestinal Dysfunctions Are Associated withIL-10Variants in Parkinsonâ€™s Disease. Parkinson's Disease, 2018, 2018, 1-6.	1.1	2
92	Contribution of coding/non-coding variants in NUS1 to late-onset sporadic Parkinson's disease. Parkinsonism and Related Disorders, 2021, 84, 29-34.	2.2	2
93	Low-frequency and rare coding variants of NUS1 contribute to susceptibility and phenotype of Parkinson's disease. Neurobiology of Aging, 2022, 110, 106-112.	3.1	2
94	Admission Systolic Blood Pressure Predicts Post-Operative Delirium of Acute Aortic Dissection Patients in the Intensive Care Unit. International Journal of General Medicine, 2021, Volume 14, 5939-5948.	1.8	2
95	Association Study of TAF1 Variants in Parkinsonâ€™s Disease. Frontiers in Neuroscience, 2022, 16, 846095.	2.8	2
96	The burden of aortic aneurysm in China from 1990 to 2019: findings from the Global Burden of Disease Study 2019. BMC Public Health, 2022, 22, 782.	2.9	2
97	The association between LIN28A gene rare variants and Parkinsonâ€™s disease in Chinese population. Gene, 2022, 829, 146515.	2.2	2
98	Paroxysmal ventricular tachycardia as a rare complication of interventional closure of ventricular spetal defect and its treatment by radiofrequency catheter ablation. Medicine (United States), 2020, 99, e19147.	1.0	1
99	Risk stratification and outcomes in 210 gynecologic perivascular epithelioid cell tumors (PEComas) cases. Archives of Gynecology and Obstetrics, 2022, , 1.	1.7	1
100	Predictive value of S100A9 for lymph node metastasis in cervical cancer. Journal of Central South University (Medical Sciences), 2020, 45, 701-708.	0.1	1
101	PSEN1 G417S mutation in a Chinese pedigree causing early-onset parkinsonism with cognitive impairment. Neurobiology of Aging, 2022, 115, 70-76.	3.1	0