

# Xin Jin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1223015/publications.pdf>

Version: 2024-02-01

85  
papers

28,764  
citations

136950

32  
h-index

64796

79  
g-index

94  
all docs

94  
docs citations

94  
times ranked

53529  
citing authors

#	ARTICLE	IF	CITATIONS
1	A global reference for human genetic variation. <i>Nature</i> , 2015, 526, 68-74.	27.8	13,998
2	An integrated map of genetic variation from 1,092 human genomes. <i>Nature</i> , 2012, 491, 56-65.	27.8	7,199
3	Sequencing of 50 Human Exomes Reveals Adaptation to High Altitude. <i>Science</i> , 2010, 329, 75-78.	12.6	1,339
4	Altitude adaptation in Tibetans caused by introgression of Denisovan-like DNA. <i>Nature</i> , 2014, 512, 194-197.	27.8	904
5	Whole-Genome Sequencing in Autism Identifies Hot Spots for De Novo Germline Mutation. <i>Cell</i> , 2012, 151, 1431-1442.	28.9	501
6	Detection of Clinically Relevant Genetic Variants in Autism Spectrum Disorder by Whole-Genome Sequencing. <i>American Journal of Human Genetics</i> , 2013, 93, 249-263.	6.2	429
7	Lanosterol reverses protein aggregation in cataracts. <i>Nature</i> , 2015, 523, 607-611.	27.8	351
8	A common Greenlandic TBC1D4 variant confers muscle insulin resistance and type 2 diabetes. <i>Nature</i> , 2014, 512, 190-193.	27.8	338
9	Resequencing of 200 human exomes identifies an excess of low-frequency non-synonymous coding variants. <i>Nature Genetics</i> , 2010, 42, 969-972.	21.4	297
10	The DNA Methylome of Human Peripheral Blood Mononuclear Cells. <i>PLoS Biology</i> , 2010, 8, e1000533.	5.6	290
11	TGM6 identified as a novel causative gene of spinocerebellar ataxias using exome sequencing. <i>Brain</i> , 2010, 133, 3510-3518.	7.6	243
12	Building the sequence map of the human pan-genome. <i>Nature Biotechnology</i> , 2010, 28, 57-63.	17.5	237
13	Genomic Analyses from Non-invasive Prenatal Testing Reveal Genetic Associations, Patterns of Viral Infections, and Chinese Population History. <i>Cell</i> , 2018, 175, 347-359.e14.	28.9	213
14	Genome-wide characteristics of de novo mutations in autism. <i>Npj Genomic Medicine</i> , 2016, 1, 160271-1602710.	3.8	200
15	Deep sequencing of the MHC region in the Chinese population contributes to studies of complex disease. <i>Nature Genetics</i> , 2016, 48, 740-746.	21.4	188
16	A large-scale screen for coding variants predisposing to psoriasis. <i>Nature Genetics</i> , 2014, 46, 45-50.	21.4	183
17	Exome Sequencing Identifies ZNF644 Mutations in High Myopia. <i>PLoS Genetics</i> , 2011, 7, e1002084.	3.5	164
18	Initial whole-genome sequencing and analysis of the host genetic contribution to COVID-19 severity and susceptibility. <i>Cell Discovery</i> , 2020, 6, 83.	6.7	159

#	ARTICLE	IF	CITATIONS
19	New loci and coding variants confer risk for age-related macular degeneration in East Asians. <i>Nature Communications</i> , 2015, 6, 6063.	12.8	147
20	Whole-Genome Sequencing Uncovers the Genetic Basis of Chronic Mountain Sickness in Andean Highlanders. <i>American Journal of Human Genetics</i> , 2013, 93, 452-462.	6.2	115
21	Extensive X-linked adaptive evolution in central chimpanzees. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 2054-2059.	7.1	79
22	The trans-omics landscape of COVID-19. <i>Nature Communications</i> , 2021, 12, 4543.	12.8	75
23	Whole genome sequencing of Ethiopian highlanders reveals conserved hypoxia tolerance genes. <i>Genome Biology</i> , 2014, 15, R36.	9.6	71
24	Sequencing-based approach identified three new susceptibility loci for psoriasis. <i>Nature Communications</i> , 2014, 5, 4331.	12.8	67
25	A Novel DFNA36 Mutation in TMC1 Orthologous to the Beethoven (Bth) Mouse Associated with Autosomal Dominant Hearing Loss in a Chinese Family. <i>PLoS ONE</i> , 2014, 9, e97064.	2.5	61
26	The genetic architecture of sporadic and multiple consecutive miscarriage. <i>Nature Communications</i> , 2020, 11, 5980.	12.8	52
27	Genes Contributing to Pain Sensitivity in the Normal Population: An Exome Sequencing Study. <i>PLoS Genetics</i> , 2012, 8, e1003095.	3.5	49
28	Exome Sequencing and Linkage Analysis Identified Tenascin-C (TNC) as a Novel Causative Gene in Nonsyndromic Hearing Loss. <i>PLoS ONE</i> , 2013, 8, e69549.	2.5	46
29	Genome-wide association study of COVID-19 severity among the Chinese population. <i>Cell Discovery</i> , 2021, 7, 76.	6.7	41
30	Oleylethanolamide inhibits glial activation via modulating PPAR $\alpha$ and promotes motor function recovery after brain ischemia. <i>Pharmacological Research</i> , 2019, 141, 530-540.	7.1	37
31	Laminar Shear Stress-Induced GRO mRNA and Protein Expression in Endothelial Cells. <i>Circulation</i> , 1998, 98, 2584-2590.	1.6	36
32	Identifying occult maternal malignancies from 1.93 million pregnant women undergoing noninvasive prenatal screening tests. <i>Genetics in Medicine</i> , 2019, 21, 2293-2302.	2.4	36
33	Shear stress-induced collagen XII expression is associated with atherogenesis. <i>Biochemical and Biophysical Research Communications</i> , 2003, 308, 152-158.	2.1	33
34	Inference of Purifying and Positive Selection in Three Subspecies of Chimpanzees ( <i>Pan troglodytes</i> ) from Exome Sequencing. <i>Genome Biology and Evolution</i> , 2015, 7, 1122-1132.	2.5	33
35	Genomic landscapes of Chinese sporadic autism spectrum disorders revealed by whole-genome sequencing. <i>Journal of Genetics and Genomics</i> , 2018, 45, 527-538.	3.9	33
36	Single cell atlas for 11 non-model mammals, reptiles and birds. <i>Nature Communications</i> , 2021, 12, 7083.	12.8	32

#	ARTICLE	IF	CITATIONS
37	Trans-ethnic genome-wide association study of severe COVID-19. <i>Communications Biology</i> , 2021, 4, 1034.	4.4	29
38	An Effort to Use Human-Based Exome Capture Methods to Analyze Chimpanzee and Macaque Exomes. <i>PLoS ONE</i> , 2012, 7, e40637.	2.5	28
39	Induction of human inhibitor of apoptosis protein-2 by shear stress in endothelial cells. <i>FEBS Letters</i> , 2002, 529, 286-292.	2.8	24
40	An exome sequencing pipeline for identifying and genotyping common CNVs associated with disease with application to psoriasis. <i>Bioinformatics</i> , 2012, 28, i370-i374.	4.1	24
41	<i>Moringa oleifera</i> seed extract protects against brain damage in both the acute and delayed stages of ischemic stroke. <i>Experimental Gerontology</i> , 2019, 122, 99-108.	2.8	23
42	hsa_circNFXL1_009 modulates apoptosis, proliferation, migration, and potassium channel activation in pulmonary hypertension. <i>Molecular Therapy - Nucleic Acids</i> , 2021, 23, 1007-1019.	5.1	23
43	Nitrogen-doped carbon dots as multifunctional fluorescent probes. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	20
44	Umbilical cord blood-derived mesenchymal stromal cells promote myeloid-derived suppressor cell proliferation by secreting HLA-G to reduce acute graft-versus-host disease after hematopoietic stem cell transplantation. <i>Cytotherapy</i> , 2020, 22, 718-733.	0.7	20
45	A $\beta$ -responsive metformin-based supramolecular synergistic nanodrugs for Alzheimer's disease via enhancing microglial A $\beta$ clearance. <i>Biomaterials</i> , 2022, 283, 121452.	11.4	19
46	HLA-matched and HLA-haploidentical allogeneic CD19-directed chimeric antigen receptor T-cell infusions are feasible in relapsed or refractory B-cell acute lymphoblastic leukemia before hematopoietic stem cell transplantation. <i>Leukemia</i> , 2020, 34, 909-913.	7.2	15
47	Oleylethanolamide Increases Glycogen Synthesis and Inhibits Hepatic Gluconeogenesis via the LKB1/AMPK Pathway in Type 2 Diabetic Model. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2020, 373, 81-91.	2.5	14
48	Suppression of PTTG1 inhibits cell angiogenesis, migration and invasion in glioma cells. <i>Medical Oncology</i> , 2020, 37, 73.	2.5	13
49	VHunter: a database for single-cell screening of virus target cells in the animal kingdom. <i>Nucleic Acids Research</i> , 2022, 50, D934-D942.	14.5	13
50	Chronic oleylethanolamide treatment attenuates diabetes-induced mice encephalopathy by triggering peroxisome proliferator-activated receptor alpha in the hippocampus. <i>Neurochemistry International</i> , 2019, 129, 104501.	3.8	12
51	CD19 CAR-T cell treatment conferred sustained remission in B-ALL patients with minimal residual disease. <i>Cancer Immunology, Immunotherapy</i> , 2021, 70, 3501-3511.	4.2	12
52	Drug-grafted DNA as a novel chemogene for targeted combinatorial cancer therapy. <i>Exploration</i> , 2022, 2, .	11.0	12
53	Single-cell atlas of peripheral blood mononuclear cells from pregnant women. <i>Clinical and Translational Medicine</i> , 2022, 12, e821.	4.0	12
54	miR-451a suppression of IL-6R can inhibit proliferation and increase apoptosis through the JAK2/STAT3 pathway in multiple myeloma. <i>Oncology Letters</i> , 2020, 20, 1-1.	1.8	11

#	ARTICLE	IF	CITATIONS
55	Copy number variation profile in noninvasive prenatal testing (NIPT) can identify co-existing maternal malignancies: Case reports and a literature review. <i>Taiwanese Journal of Obstetrics and Gynecology</i> , 2018, 57, 871-877.	1.3	10
56	A Chinese host genetic study discovered IFNs and causality of laboratory traits on COVID-19 severity. <i>IScience</i> , 2021, 24, 103186.	4.1	10
57	Longitudinal multi-omics transition associated with fatality in critically ill COVID-19 patients. <i>Intensive Care Medicine Experimental</i> , 2021, 9, 13.	1.9	9
58	Circular RNA profiling reveals a potential role of hsa_circ_IPCEF1 in papillary thyroid carcinoma. <i>Molecular Medicine Reports</i> , 2021, 24, .	2.4	8
59	Effect of <i>Moringa oleifera</i> stem extract on hydrogen peroxide-induced opacity of cultured mouse lens. <i>BMC Complementary and Alternative Medicine</i> , 2019, 19, 144.	3.7	7
60	Identification and Verification on Prognostic Index of Lower-Grade Glioma Immune-Related LncRNAs. <i>Frontiers in Oncology</i> , 2020, 10, 578809.	2.8	7
61	Effects of Fluid Shear Stress on Expression of Smac/DIABLO in Human Umbilical Vein Endothelial Cells. <i>Current Therapeutic Research</i> , 2013, 74, 36-40.	1.2	6
62	Phytochemical wedelolactone reverses obesity by prompting adipose browning through SIRT1/AMPK/PPAR $\alpha$ pathway via targeting nicotinamide N-methyltransferase. <i>Phytomedicine</i> , 2022, 94, 153843.	5.3	6
63	STAT3 $\beta$ PTTG11 abrogation inhibits proliferation and induces apoptosis in malignant glioma cells. <i>Oncology Letters</i> , 2020, 20, 6.	1.8	6
64	hsa_circWDR37_016 Regulates Hypoxia-Induced Proliferation of Pulmonary Arterial Smooth Muscle Cells. <i>Cardiovascular Therapeutics</i> , 2022, 2022, 1-12.	2.5	6
65	Deep sequencing of 1320 genes reveals the landscape of protein-truncating variants and their contribution to psoriasis in 19,973 Chinese individuals. <i>Genome Research</i> , 2021, 31, 1150-1158.	5.5	5
66	Cell-free DNA as a diagnostic tool for human echinococcosis. <i>Trends in Parasitology</i> , 2021, 37, 943-946.	3.3	5
67	Circulating miR-451a levels as a potential biomarker to predict the prognosis of patients with multiple myeloma. <i>Oncology Letters</i> , 2020, 20, 1-1.	1.8	5
68	Effective Identification of Maternal Malignancies in Pregnancies Undergoing Noninvasive Prenatal Testing. <i>Frontiers in Genetics</i> , 2022, 13, 802865.	2.3	5
69	Rare Variants in Inborn Errors of Immunity Genes Associated With Covid-19 Severity. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, .	3.9	5
70	Archaeology Augments Tibet's Genetic History $\beta$ Response. <i>Science</i> , 2010, 329, 1467-1468.	12.6	3
71	Methylglyoxal-induced miR-223 suppresses rat vascular KATP channel activity by downregulating Kir6.1 mRNA in carbonyl stress. <i>Vascular Pharmacology</i> , 2020, 128-129, 106666.	2.1	3
72	Noninvasive tools based on immune biomarkers for the diagnosis of central nervous system graft-vs-host disease: Two case reports and a review of the literature. <i>World Journal of Clinical Cases</i> , 2021, 9, 1359-1366.	0.8	3

#	ARTICLE	IF	CITATIONS
73	Estimation of cell-free fetal DNA fraction from maternal plasma based on linkage disequilibrium information. <i>Npj Genomic Medicine</i> , 2021, 6, 85.	3.8	3
74	How robust are cross-population signatures of polygenic adaptation in humans?. , 0, 1, .		3
75	Low Pass Genomes of 141,431 Chinese Reveal Patterns of Viral Infection, Novel Phenotypic Associations, and the Genetic History of China. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
76	Low-Dose Decitabine Plus Venetoclax Maintenance Therapy Can Decrease the Relapse after Allogeneic Stem Cell Transplantation for MRD Positive High-Risk Acute Myeloid Leukemia and Myelodysplastic Syndrome. <i>Blood</i> , 2020, 136, 33-33.	1.4	2
77	A Prospective Trial Comparing Haploidentical Donor Transplantation With Cord Blood Versus HLA-Matched Sibling Donor Transplantation for Hematologic Malignancy Patients. <i>Cell Transplantation</i> , 2022, 31, 096368972210760.	2.5	2
78	Progesterone Changes the Pregnancy-Induced Adaptation of Cardiomyocyte Kv2.1 Channels via MicroRNA-29b. <i>Cardiovascular Therapeutics</i> , 2022, 2022, 1-19.	2.5	2
79	Lineage-specific positive selection on <i>ACE2</i> contributes to the genetic susceptibility of COVID-19. <i>National Science Review</i> , 2022, 9, .	9.5	2
80	CD19-CAR T Cells Treatment for Minimal Residual Disease in B-Cell Lymphoma with a Higher Response Rate and Fewer Adverse Reactions. <i>Blood</i> , 2018, 132, 3714-3714.	1.4	1
81	BDdb: a comprehensive platform for exploration and utilization of birth defect multi-omics data. <i>BMC Medical Genomics</i> , 2021, 14, 260.	1.5	1
82	A copy-number variation detection pipeline for single cell sequencing data on BGI online. , 2017, , .		0
83	Identifying Occult Maternal Malignancies From 1.93 Million Pregnant Women Undergoing Noninvasive Prenatal Screening Tests. <i>Obstetrical and Gynecological Survey</i> , 2020, 75, 155-157.	0.4	0
84	CD19 CAR-T Cells Treatment Conferred a Sustained Remission in Patients with Chemotherapy-Refractory MRD in B-ALL. <i>Blood</i> , 2020, 136, 48-48.	1.4	0
85	Novel mutations in the BEST1 gene cause distinct retinopathies in two Chinese families. <i>International Journal of Ophthalmology</i> , 2022, 15, 205-212.	1.1	0