

# Chao Xu

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

85  
papers

615  
citations

13  
h-index

20  
g-index

108  
ext. papers

1,027  
ext. citations

5.3  
avg, IF

4.28  
L-index

#	Paper	IF	Citations
85	Evaluation of I-TAC as a potential early plasma marker to differentiate between critical and non-critical COVID-19.. <i>Cell Stress</i> , <b>2022</b> , 6, 6-16	5.5	0
84	Quantitative Analysis of Stress-Induced Hyperglycemia and Intracranial Blood Volumes for Predicting Mortality After Intracerebral Hemorrhage.. <i>Translational Stroke Research</i> , <b>2022</b> , 1	7.8	0
83	Global Metabolomic Profiling Reveals Disrupted Lipid and Amino Acid Metabolism Between the Acute and Chronic Stages of Ischemic Stroke.. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2022</b> , 31, 106320	2.8	0
82	Comprehensively evaluating cancer survival in children with birth defects: a population-based assessment.. <i>Cancer Causes and Control</i> , <b>2022</b> , 1	2.8	
81	Early IFN- $\beta$ administration protects cigarette smoke exposed mice against lethal influenza virus infection without increasing lung inflammation.. <i>Scientific Reports</i> , <b>2022</b> , 12, 4080	4.9	0
80	EWI2 promotes endolysosome-mediated turnover of growth factor receptors and integrins to suppress lung cancer.. <i>Cancer Letters</i> , <b>2022</b> , 215641	9.9	0
79	Exosome-derived miR-127-5p promotes embryonic-like stem cells differentiation into pacemaker cell through NKx2.5 down-regulation.. <i>Biochemical and Biophysical Research Communications</i> , <b>2022</b> , 611, 68-77	3.4	
78	Accurate recognition of colorectal cancer with semi-supervised deep learning on pathological images. <i>Nature Communications</i> , <b>2021</b> , 12, 6311	17.4	11
77	Diagnostic Yield of 8-Hour Video-EEG in Detecting Psychogenic Non-Epileptic Seizures (PNES). <i>Neurodiagnostic Journal</i> , <b>2021</b> , 1-10	0.7	
76	Novel Metabolites as Potential Indicators of Ischemic Infarction Volume: a Pilot Study. <i>Translational Stroke Research</i> , <b>2021</b> , 12, 778-784	7.8	4
75	Iodinated Contrast Agents Reduce the Efficacy of Intravenous Recombinant Tissue-Type Plasminogen Activator in Acute Ischemic Stroke Patients: a Multicenter Cohort Study. <i>Translational Stroke Research</i> , <b>2021</b> , 12, 530-539	7.8	0
74	An integrated model of N6-methyladenosine regulators to predict tumor aggressiveness and immune evasion in pancreatic cancer. <i>EBioMedicine</i> , <b>2021</b> , 65, 103271	8.8	16
73	Accurate diagnosis of colorectal cancer based on histopathology images using artificial intelligence. <i>BMC Medicine</i> , <b>2021</b> , 19, 76	11.4	15
72	Impact of adherence to disease-modifying therapies on employment among veterans with multiple sclerosis. <i>Disability and Rehabilitation</i> , <b>2021</b> , 1-6	2.4	
71	Health Risks of Structural Firefighters from Exposure to Polycyclic Aromatic Hydrocarbons: A Systematic Review and Meta-Analysis. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	2
70	Zinc-Dependent Regulation of ZEB1 and YAP1 Coactivation Promotes Epithelial-Mesenchymal Transition Plasticity and Metastasis in Pancreatic Cancer. <i>Gastroenterology</i> , <b>2021</b> , 160, 1771-1783.e1	13.3	28
69	Development of imaging-based risk scores for prediction of intracranial haemorrhage and ischaemic stroke in patients taking antithrombotic therapy after ischaemic stroke or transient ischaemic attack: a pooled analysis of individual patient data from cohort studies. <i>Lancet Neurology</i> , <b>2021</b> , 20, 294-303	24.1	12

68	Urinary total arsenic and arsenic methylation capacity in pregnancy and gestational diabetes mellitus: A case-control study. <i>Chemosphere</i> , <b>2021</b> , 271, 129828	8.4	2
67	Case Report: Spontaneous Intramural Hematoma of the Colon Secondary to Low Molecular Weight Heparin Therapy. <i>Frontiers in Pharmacology</i> , <b>2021</b> , 12, 598661	5.6	1
66	Seed-mediated RNA interference of androgen signaling and survival networks induces cell death in prostate cancer cells. <i>Molecular Therapy - Nucleic Acids</i> , <b>2021</b> , 24, 337-351	10.7	3
65	Increased procoagulant platelet levels are predictive of death in COVID-19. <i>GeroScience</i> , <b>2021</b> , 43, 2055-2065	8.65	4
64	Downregulated lncRNA RCPCD promotes differentiation of embryonic stem cells into cardiac pacemaker-like cells by suppressing HCN4 promoter methylation. <i>Cell Death and Disease</i> , <b>2021</b> , 12, 667	9.8	1
63	Predictive value of carotid artery ultrasonography for the risk of coronary artery disease. <i>Journal of Clinical Ultrasound</i> , <b>2021</b> , 49, 218-226	1	1
62	The Impact of Adherence to Disease-Modifying Therapies on Functional Outcomes in Veterans with Multiple Sclerosis. <i>Journal of Central Nervous System Disease</i> , <b>2021</b> , 13, 11795735211028769	4.4	
61	Comparison of various reconstructions derived from dual-energy CT immediately after endovascular treatment of acute ischemic stroke in predicting hemorrhage. <i>European Radiology</i> , <b>2021</b> , 31, 4419-4427	8	4
60	Criteria for Emergency Brain MRI During Stroke-Alert. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2021</b> , 30, 105890	2.8	1
59	Development of a Rat Sandwich-Cultured Hepatocytes Model Expressing Functional Human Organic Anion Transporting Polypeptide (OATP) 1B3: A Potential Screening Tool for Liver-Targeting Compounds. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , <b>2021</b> , 24, 475-483	3.4	1
58	Pre-incubation with OATP1B1 and OATP1B3 inhibitors potentiates inhibitory effects in physiologically relevant sandwich-cultured primary human hepatocytes. <i>European Journal of Pharmaceutical Sciences</i> , <b>2021</b> , 165, 105951	5.1	1
57	ZIP4 promotes non-small cell lung cancer metastasis by activating snail-N-cadherin signaling axis. <i>Cancer Letters</i> , <b>2021</b> , 521, 71-81	9.9	3
56	Associations of mitochondrial DNA 3777-4679 region mutations with maternally inherited essential hypertensive subjects in China. <i>BMC Medical Genetics</i> , <b>2020</b> , 21, 105	2.1	6
55	Medium-coverage DNA sequencing in the design of the genetic association study. <i>European Journal of Human Genetics</i> , <b>2020</b> , 28, 1459-1466	5.3	0
54	Mendelian Randomization Identifies CpG Methylation Sites With Mediation Effects for Genetic Influences on BMD in Peripheral Blood Monocytes. <i>Frontiers in Genetics</i> , <b>2020</b> , 11, 60	4.5	4
53	Potential Metabolite Biomarkers for Acute Versus Chronic Stage of Ischemic Stroke: A Pilot Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , <b>2020</b> , 29, 104618	2.8	8
52	Management of Aneurysmal Subarachnoid Hemorrhage: Variation in Clinical Practice and Unmet Need for Follow-up among Survivors-A Single-Center Perspective. <i>World Neurosurgery</i> , <b>2020</b> , 139, e608-e617	2.1	1
51	KRCC1: A potential therapeutic target in ovarian cancer. <i>FASEB Journal</i> , <b>2020</b> , 34, 2287-2300	0.9	4

50	Predicting Clinical Outcome After Mechanical Thrombectomy: The GADIS (Gender, Age, Diabetes Mellitus History, Infarct Volume, and Current Smoker [corrected]) Score. <i>World Neurosurgery</i> , <b>2020</b> , 134, e1130-e1142	2.1	6
49	Multi-omics Data Integration for Identifying Osteoporosis Biomarkers and Their Biological Interaction and Causal Mechanisms. <i>IScience</i> , <b>2020</b> , 23, 100847	6.1	12
48	A novel computational strategy for DNA methylation imputation using mixture regression model (MRM). <i>BMC Bioinformatics</i> , <b>2020</b> , 21, 552	3.6	1
47	In Reply to the Letter to the Editor Regarding "Predicting Clinical Outcome After Mechanical Thrombectomy: The GADIS (Gender, Age, Diabetes Mellitus History, Infarct Volume, and Sex) Score". <i>World Neurosurgery</i> , <b>2020</b> , 138, 589-590	2.1	
46	Randomized controlled trial of genotype-guided warfarin anticoagulation in Chinese elderly patients with nonvalvular atrial fibrillation. <i>Journal of Clinical Pharmacy and Therapeutics</i> , <b>2020</b> , 45, 1466-1473	2.2	2
45	Association of maximal systolic blood pressure with poor outcome in patients with hyperattenuated lesions on immediate NCCT after mechanical thrombectomy. <i>Journal of NeuroInterventional Surgery</i> , <b>2020</b> , 12, 127-131	7.8	8
44	Effectiveness of telemedicine systems for adults with heart failure: a meta-analysis of randomized controlled trials. <i>Heart Failure Reviews</i> , <b>2020</b> , 25, 231-243	5	47
43	Identify gene expression pattern change at transcriptional and post-transcriptional levels. <i>Transcription</i> , <b>2019</b> , 10, 137-146	4.8	3
42	Integrative genomic analysis predicts novel functional enhancer-SNPs for bone mineral density. <i>Human Genetics</i> , <b>2019</b> , 138, 167-185	6.3	3
41	Cerebral microbleeds and stroke risk after ischaemic stroke or transient ischaemic attack: a pooled analysis of individual patient data from cohort studies. <i>Lancet Neurology</i> , <b>2019</b> , 18, 653-665	24.1	78
40	Conveniently-Grasped Field Assessment Stroke Triage (CG-FAST): A Modified Scale to Detect Large Vessel Occlusion Stroke. <i>Frontiers in Neurology</i> , <b>2019</b> , 10, 390	4.1	9
39	Long Noncoding RNA Analyses for Osteoporosis Risk in Caucasian Women. <i>Calcified Tissue International</i> , <b>2019</b> , 105, 183-192	3.9	12
38	Genetic risk factors identified in populations of European descent do not improve the prediction of osteoporotic fracture and bone mineral density in Chinese populations. <i>Scientific Reports</i> , <b>2019</b> , 9, 6086	4.9	4
37	Multivariate analysis of genome-wide data to identify potential pleiotropic genes for five major psychiatric disorders using MetaCCA. <i>Journal of Affective Disorders</i> , <b>2019</b> , 242, 234-243	6.6	10
36	Longer Length of Delayed-Contrast Filling of Clot on 4-Dimensional Computed Tomographic Angiography Predicts Cardiogenic Embolism. <i>Stroke</i> , <b>2019</b> , 50, 2568-2570	6.7	6
35	Pathogenicity of the homoplasmic C3275T, T4363C and A8343G variant requires confirmation. <i>Gene</i> , <b>2019</b> , 680, 97-98	3.8	1
34	Multivariate analysis of genome-wide data to identify potential pleiotropic genes for type 2 diabetes, obesity and coronary artery disease using MetaCCA. <i>International Journal of Cardiology</i> , <b>2019</b> , 283, 144-150	3.2	10
33	EPS-LASSO: test for high-dimensional regression under extreme phenotype sampling of continuous traits. <i>Bioinformatics</i> , <b>2018</b> , 34, 1996-2003	7.2	9

32	A novel approach for correction of crosstalk effects in pathway analysis and its application in osteoporosis research. <i>Scientific Reports</i> , <b>2018</b> , 8, 668	4.9	14
31	Fast and Accurate Detection of Complex Imaging Genetics Associations Based on Greedy Projected Distance Correlation. <i>IEEE Transactions on Medical Imaging</i> , <b>2018</b> , 37, 860-870	11.7	10
30	Transcriptomic Data Identified Key Transcription Factors for Osteoporosis in Caucasian Women. <i>Calcified Tissue International</i> , <b>2018</b> , 103, 581-588	3.9	4
29	Rare variant association analysis in case-parents studies by allowing for missing parental genotypes. <i>BMC Genetics</i> , <b>2018</b> , 19, 7	2.6	1
28	Multivariate analysis of genomics data to identify potential pleiotropic genes for type 2 diabetes, obesity and dyslipidemia using Meta-CCA and gene-based approach. <i>PLoS ONE</i> , <b>2018</b> , 13, e0201173	3.7	8
27	Gene-based GWAS analysis for consecutive studies of GEFOS. <i>Osteoporosis International</i> , <b>2018</b> , 29, 2645-2658	3.658	5
26	Mitochondrial DNA 7908-8816 region mutations in maternally inherited essential hypertensive subjects in China. <i>BMC Medical Genomics</i> , <b>2018</b> , 11, 89	3.7	7
25	Meta-Analysis of Genome-Wide Association Studies Identifies Novel Functional CpG-SNPs Associated with Bone Mineral Density at Lumbar Spine. <i>International Journal of Genomics</i> , <b>2018</b> , 2018, 6407257	2.5	6
24	An adaptive strategy for association analysis of common or rare variants using entropy theory. <i>Journal of Human Genetics</i> , <b>2017</b> , 62, 777-781	4.3	
23	A Systemic Analysis of Transcriptomic and Epigenomic Data To Reveal Regulation Patterns for Complex Disease. <i>G3: Genes, Genomes, Genetics</i> , <b>2017</b> , 7, 2271-2279	3.2	4
22	Mass spectrometry based proteomics profiling of human monocytes. <i>Protein and Cell</i> , <b>2017</b> , 8, 123-133	7.2	3
21	Significance of hydrogen sulfide in sepsis-induced myocardial injury in rats. <i>Experimental and Therapeutic Medicine</i> , <b>2017</b> , 14, 2153-2161	2.1	13
20	An inappropriate pacing threshold increase after repeated electrical storm in a patient with implantable cardioverter defibrillator. <i>BMC Cardiovascular Disorders</i> , <b>2017</b> , 17, 265	2.3	0
19	Low-, high-coverage, and two-stage DNA sequencing in the design of the genetic association study. <i>Genetic Epidemiology</i> , <b>2017</b> , 41, 187-197	2.6	15
18	H7N9 not only endanger human health but also hit stock marketing <b>2017</b> , 2, 1-7		5
17	A Mitochondrial DNA A8701G Mutation Associated with Maternally Inherited Hypertension and Dilated Cardiomyopathy in a Chinese Pedigree of a Consanguineous Marriage. <i>Chinese Medical Journal</i> , <b>2016</b> , 129, 259-66	2.9	12
16	An integrative imputation method based on multi-omics datasets. <i>BMC Bioinformatics</i> , <b>2016</b> , 17, 247	3.6	19
15	A Mitochondrial DNA A8701G Mutation Partly Associated with Maternally Inherited Hypertension and Dilated Cardiomyopathy in a Chinese Pedigree. <i>Chinese Medical Journal</i> , <b>2016</b> , 129, 1890	2.9	4

14	Gene Expression and Profiling. <i>Translational Bioinformatics</i> , <b>2016</b> , 59-82		
13	Quantitative proteomics and integrative network analysis identified novel genes and pathways related to osteoporosis. <i>Journal of Proteomics</i> , <b>2016</b> , 142, 45-52	3.9	16
12	MicroRNA-mRNA interaction analysis to detect potential dysregulation in complex diseases. <i>Network Modeling Analysis in Health Informatics and Bioinformatics</i> , <b>2015</b> , 4, 1	1.6	7
11	Genome-wide Survey of Runs of Homozygosity Identifies Recessive Loci for Bone Mineral Density in Caucasian and Chinese Populations. <i>Journal of Bone and Mineral Research</i> , <b>2015</b> , 30, 2119-26	6.3	11
10	Integrative Analysis of Transcriptomic and Epigenomic Data to Reveal Regulation Patterns for BMD Variation. <i>PLoS ONE</i> , <b>2015</b> , 10, e0138524	3.7	18
9	IFNG+874A/T polymorphisms and IFNG CA repeat polymorphism associated with asthma in Asian--a meta-analysis. <i>Journal of Asthma</i> , <b>2014</b> , 51, 1014-21	1.9	2
8	Characterization of human chromosomal material exchange with regard to the chromosome translocations using next-generation sequencing data. <i>Genome Biology and Evolution</i> , <b>2014</b> , 6, 3015-24	3.9	2
7	Modification of a smoking motivation questionnaire for Chinese medical students. <i>Asian Pacific Journal of Cancer Prevention</i> , <b>2014</b> , 15, 2707-11	1.7	3
6	Comprehensive characterization of human genome variation by high coverage whole-genome sequencing of forty four Caucasians. <i>PLoS ONE</i> , <b>2013</b> , 8, e59494	3.7	47
5	Impact of female cigarette smoking on circulating B cells in vivo: the suppressed ICOSLG, TCF3, and VCAM1 gene functional network may inhibit normal cell function. <i>Immunogenetics</i> , <b>2010</b> , 62, 237-51	3.2	14
4	Evaluation Model for Breast Cancer Susceptibly Gene and its Implementation Using Cytoscape <b>2009</b> ,		2
3	Multi-criteria evaluation model reveals SMC4L1 gene maybe a breast cancer susceptibility gene <b>2009</b> ,		1
2	SEED-MEDIATED RNA INTERFERENCE OF ANDROGEN SIGNALING AND SURVIVAL NETWORKS INDUCES CELL DEATH IN PROSTATE CANCER CELLS		2
1	Handling high-dimensional data with missing values by modern machine learning techniques. <i>Journal of Applied Statistics</i> ,1-19	1	1