

# Boxiang Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

6,876  
citations

430442

18  
h-index

395343

33  
g-index

44  
all docs

44  
docs citations

44  
times ranked

17115  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic effects on gene expression across human tissues. <i>Nature</i> , 2017, 550, 204-213.	13.7	3,500
2	Landscape of X chromosome inactivation across human tissues. <i>Nature</i> , 2017, 550, 244-248.	13.7	764
3	Dynamic landscape and regulation of RNA editing in mammals. <i>Nature</i> , 2017, 550, 249-254.	13.7	495
4	Atheroprotective roles of smooth muscle cell phenotypic modulation and the TCF21 disease gene as revealed by single-cell analysis. <i>Nature Medicine</i> , 2019, 25, 1280-1289.	15.2	494
5	The impact of rare variation on gene expression across tissues. <i>Nature</i> , 2017, 550, 239-243.	13.7	229
6	Identification of rare-disease genes using blood transcriptome sequencing and large control cohorts. <i>Nature Medicine</i> , 2019, 25, 911-919.	15.2	221
7	Single-cell epigenomic analyses implicate candidate causal variants at inherited risk loci for Alzheimer's and Parkinson's diseases. <i>Nature Genetics</i> , 2020, 52, 1158-1168.	9.4	217
8	Abundant associations with gene expression complicate GWAS follow-up. <i>Nature Genetics</i> , 2019, 51, 768-769.	9.4	210
9	Exploiting the GTEx resources to decipher the mechanisms at GWAS loci. <i>Genome Biology</i> , 2021, 22, 49.	3.8	150
10	Genetic Regulatory Mechanisms of Smooth Muscle Cells Map to Coronary Artery Disease Risk Loci. <i>American Journal of Human Genetics</i> , 2018, 103, 377-388.	2.6	76
11	Ubiquitination of ABCE1 by NOT4 in Response to Mitochondrial Damage Links Co-translational Quality Control to PINK1-Directed Mitophagy. <i>Cell Metabolism</i> , 2018, 28, 130-144.e7.	7.2	61
12	Genetic regulation of gene expression and splicing during a 10-year period of human aging. <i>Genome Biology</i> , 2019, 20, 230.	3.8	57
13	TCF21 and the environmental sensor aryl-hydrocarbon receptor cooperate to activate a pro-inflammatory gene expression program in coronary artery smooth muscle cells. <i>PLoS Genetics</i> , 2017, 13, e1006750.	1.5	52
14	Growth performance and nutritional profile of mealworms reared on corn stover, soybean meal, and distillers' grains. <i>European Food Research and Technology</i> , 2019, 245, 2631-2640.	1.6	43
15	Coronary artery disease genes SMAD3 and TCF21 promote opposing interactive genetic programs that regulate smooth muscle cell differentiation and disease risk. <i>PLoS Genetics</i> , 2018, 14, e1007681.	1.5	41
16	Imputation of single-cell gene expression with an autoencoder neural network. <i>Quantitative Biology</i> , 2020, 8, 78-94.	0.3	40
17	Functional regulatory mechanism of smooth muscle cell-restricted LMOD1 coronary artery disease locus. <i>PLoS Genetics</i> , 2018, 14, e1007755.	1.5	30
18	CoV-Seq, a New Tool for SARS-CoV-2 Genome Analysis and Visualization: Development and Usability Study. <i>Journal of Medical Internet Research</i> , 2020, 22, e22299.	2.1	23

#	ARTICLE	IF	CITATIONS
19	Analysis and Visualization of Spatial Transcriptomic Data. <i>Frontiers in Genetics</i> , 2021, 12, 785290.	1.1	23
20	Recurrently Mutated Genes Differ between Leptomeningeal and Solid Lung Cancer Brain Metastases. <i>Journal of Thoracic Oncology</i> , 2018, 13, 1022-1027.	0.5	20
21	Genetic analyses of human fetal retinal pigment epithelium gene expression suggest ocular disease mechanisms. <i>Communications Biology</i> , 2019, 2, 186.	2.0	20
22	Identifying causal variants and genes using functional genomics in specialized cell types and contexts. <i>Human Genetics</i> , 2020, 139, 95-102.	1.8	16
23	Molecular mechanisms of coronary disease revealed using quantitative trait loci for TCF21 binding, chromatin accessibility, and chromosomal looping. <i>Genome Biology</i> , 2020, 21, 135.	3.8	16
24	LinearTurboFold: Linear-time global prediction of conserved structures for RNA homologs with applications to SARS-CoV-2. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	14
25	Preparation and Application of Starch Phosphate With a Low Degree of Substitution. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2011, 186, 974-982.	0.8	11
26	Comprehensive RNA analysis of CSF reveals a role for CEACAM6 in lung cancer leptomeningeal metastases. <i>Npj Precision Oncology</i> , 2021, 5, 90.	2.3	9
27	Pantothenate kinase 2 interacts with PINK1 to regulate mitochondrial quality control via acetyl-CoA metabolism. <i>Nature Communications</i> , 2022, 13, 2412.	5.8	8
28	Scanning probe acoustic microscopy of extruded starch materials: Direct visual evidence of starch crystal. <i>Carbohydrate Polymers</i> , 2013, 98, 372-379.	5.1	6
29	Clinical factors associated with mortality within three months after radiosurgery of asymptomatic brain metastases from non-small cell lung cancer. <i>Journal of Neuro-Oncology</i> , 2018, 140, 705-715.	1.4	5
30	ParaMed: a parallel corpus for English-Chinese translation in the biomedical domain. <i>BMC Medical Informatics and Decision Making</i> , 2021, 21, 258.	1.5	5
31	A new method for the non-destructive determination of fish freshness by nuclear imaging., 2011, .		2
32	The Influence of Emulsifiers on Retrogradation Properties of Waxy Starch. <i>Advances in Intelligent and Soft Computing</i> , 2012, , 351-358.	0.2	1
33	Retrospective analysis of the development history of the Chinese food additive standards system based on the CODEX principles. <i>Npj Science of Food</i> , 2019, 3, 27.	2.5	1
34	Preparation of pure gum raw materials-low brown algae application. <i>Journal of Oceanology and Limnology</i> , 2019, 37, 892-897.	0.6	1
35	Abstract 21021: Functional Regulatory Mechanism of Smooth Muscle Cell-Restricted <i>LMOD1</i> Coronary Artery Disease Locus. <i>Circulation</i> , 2017, 136, .	1.6	1
36	Genome-Wide Association Studies For Coronary Artery Disease Risk. , 2018, .		0