

Boxiang Liu

List of Publications by Year in descending order

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36
papers

6,876
citations

430874
18
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395702
33
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docs citations

44
times ranked

17115
citing authors

#	ARTICLE	IF	CITATIONS
1	Pantothenate kinase 2 interacts with PINK1 to regulate mitochondrial quality control via acetyl-CoA metabolism. <i>Nature Communications</i> , 2022, 13, 2412.	12.8	8
2	Exploiting the GTEx resources to decipher the mechanisms at GWAS loci. <i>Genome Biology</i> , 2021, 22, 49.	8.8	150
3	ParaMed: a parallel corpus for Englishâ€“Chinese translation in the biomedical domain. <i>BMC Medical Informatics and Decision Making</i> , 2021, 21, 258.	3.0	5
4	Comprehensive RNA analysis of CSF reveals a role for CEACAM6 in lung cancer leptomeningeal metastases. <i>Npj Precision Oncology</i> , 2021, 5, 90.	5.4	9
5	Analysis and Visualization of Spatial Transcriptomic Data. <i>Frontiers in Genetics</i> , 2021, 12, 785290.	2.3	23
6	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, .	7.1	14
7	Identifying causal variants and genes using functional genomics in specialized cell types and contexts. <i>Human Genetics</i> , 2020, 139, 95-102.	3.8	16
8	Single-cell epigenomic analyses implicate candidate causal variants at inherited risk loci for Alzheimerâ€™s and Parkinsonâ€™s diseases. <i>Nature Genetics</i> , 2020, 52, 1158-1168.	21.4	217
9	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.	8.8	16
10	Imputation of singleâ€“cell gene expression with an autoencoder neural network. <i>Quantitative Biology</i> , 2020, 8, 78-94.	0.5	40
11	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.	4.3	23
12	Growth performance and nutritional profile of mealworms reared on corn stover, soybean meal, and distillersâ€™ grains. <i>European Food Research and Technology</i> , 2019, 245, 2631-2640.	3.3	43
13	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.	30.7	494
14	Genetic regulation of gene expression and splicing during a 10-year period of human aging. <i>Genome Biology</i> , 2019, 20, 230.	8.8	57
15	Genetic analyses of human fetal retinal pigment epithelium gene expression suggest ocular disease mechanisms. <i>Communications Biology</i> , 2019, 2, 186.	4.4	20
16	Identification of rare-disease genes using blood transcriptome sequencing and large control cohorts. <i>Nature Medicine</i> , 2019, 25, 911-919.	30.7	221
17	Abundant associations with gene expression complicate GWAS follow-up. <i>Nature Genetics</i> , 2019, 51, 768-769.	21.4	210
18	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.	5.5	1

#	ARTICLE	IF	CITATIONS
19	Preparation of pure gum raw materials-low brown algae application. Journal of Oceanology and Limnology, 2019, 37, 892-897.	1.3	1
20	Recurrently Mutated Genes Differ between Leptomeningeal and Solid Lung Cancer Brain Metastases. Journal of Thoracic Oncology, 2018, 13, 1022-1027.	1.1	20
21	Clinical factors associated with mortality within three months after radiosurgery of asymptomatic brain metastases from non-small cell lung cancer. Journal of Neuro-Oncology, 2018, 140, 705-715.	2.9	5
22	Functional regulatory mechanism of smooth muscle cell-restricted LMOD1 coronary artery disease locus. PLoS Genetics, 2018, 14, e1007755.	3.5	30
23	Coronary artery disease genes SMAD3 and TCF21 promote opposing interactive genetic programs that regulate smooth muscle cell differentiation and disease risk. PLoS Genetics, 2018, 14, e1007681.	3.5	41
24	Ubiquitination of ABCE1 by NOT4 in Response to Mitochondrial Damage Links Co-translational Quality Control to PINK1-Directed Mitophagy. Cell Metabolism, 2018, 28, 130-144.e7.	16.2	61
25	Genetic Regulatory Mechanisms of Smooth Muscle Cells Map to Coronary Artery Disease Risk Loci. American Journal of Human Genetics, 2018, 103, 377-388.	6.2	76
26	Genome-Wide Association Studies For Coronary Artery Disease Risk. , 2018, , .		0
27	Dynamic landscape and regulation of RNA editing in mammals. Nature, 2017, 550, 249-254.	27.8	495
28	Landscape of X chromosome inactivation across human tissues. Nature, 2017, 550, 244-248.	27.8	764
29	The impact of rare variation on gene expression across tissues. Nature, 2017, 550, 239-243.	27.8	229
30	Genetic effects on gene expression across human tissues. Nature, 2017, 550, 204-213.	27.8	3,500
31	TCF21 and the environmental sensor aryl-hydrocarbon receptor cooperate to activate a pro-inflammatory gene expression program in coronary artery smooth muscle cells. PLoS Genetics, 2017, 13, e1006750.	3.5	52
32	Abstract 21021: Functional Regulatory Mechanism of Smooth Muscle Cell-Restricted <i>LMOD1</i> Coronary Artery Disease Locus. Circulation, 2017, 136, .	1.6	1
33	Scanning probe acoustic microscopy of extruded starch materials: Direct visual evidence of starch crystal. Carbohydrate Polymers, 2013, 98, 372-379.	10.2	6
34	The Influence of Emulsifiers on Retrogradation Properties of Waxy Starch. Advances in Intelligent and Soft Computing, 2012, , 351-358.	0.2	1
35	A new method for the non-destructive determination of fish freshness by nuclear imaging. , 2011, , .		2
36	Preparation and Application of Starch Phosphate With a Low Degree of Substitution. Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 974-982.	1.6	11