

Riyue Bao

List of Publications by Citations

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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.

50
papers

5,838
citations

23
h-index

56
g-index

56
ext. papers

7,539
ext. citations

10.5
avg, IF

6.26
L-index

#	Paper	IF	Citations
50	Melanoma-intrinsic β -catenin signalling prevents anti-tumour immunity. <i>Nature</i> , 2015 , 523, 231-5	50.4	1527
49	The commensal microbiome is associated with anti-PD-1 efficacy in metastatic melanoma patients. <i>Science</i> , 2018 , 359, 104-108	33.3	1227
48	The genome of the model beetle and pest <i>Tribolium castaneum</i> . <i>Nature</i> , 2008 , 452, 949-55	50.4	1043
47	WNT/ β -catenin Pathway Activation Correlates with Immune Exclusion across Human Cancers. <i>Clinical Cancer Research</i> , 2019 , 25, 3074-3083	12.9	253
46	Density of immunogenic antigens does not explain the presence or absence of the T-cell-inflamed tumor microenvironment in melanoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E7759-E7768	11.5	234
45	Molecular Drivers of the Non-T-cell-Inflamed Tumor Microenvironment in Urothelial Bladder Cancer. <i>Cancer Immunology Research</i> , 2016 , 4, 563-8	12.5	199
44	T Cell-Inflamed versus Non-T Cell-Inflamed Tumors: A Conceptual Framework for Cancer Immunotherapy Drug Development and Combination Therapy Selection. <i>Cancer Immunology Research</i> , 2018 , 6, 990-1000	12.5	188
43	Healthy infants harbor intestinal bacteria that protect against food allergy. <i>Nature Medicine</i> , 2019 , 25, 448-453	50.5	175
42	Reimagining IDO Pathway Inhibition in Cancer Immunotherapy via Downstream Focus on the Tryptophan-Kynurenine-Aryl Hydrocarbon Axis. <i>Clinical Cancer Research</i> , 2019 , 25, 1462-1471	12.9	171
41	Analysis and correction of crosstalk effects in pathway analysis. <i>Genome Research</i> , 2013 , 23, 1885-93	9.7	84
40	Review of current methods, applications, and data management for the bioinformatics analysis of whole exome sequencing. <i>Cancer Informatics</i> , 2014 , 13, 67-82	2.4	82
39	Genomic and gene regulatory signatures of cryptozoic adaptation: Loss of blue sensitive photoreceptors through expansion of long wavelength-opsin expression in the red flour beetle <i>Tribolium castaneum</i> . <i>Frontiers in Zoology</i> , 2007 , 4, 24	2.8	66
38	gene alterations identify a subset of diffuse large B-cell lymphoma harboring a T-cell-inflamed phenotype. <i>Blood</i> , 2019 , 133, 2279-2290	2.2	57
37	Phototransduction and clock gene expression in the troglolobiont beetle <i>Ptomaphagus hirtus</i> of Mammoth cave. <i>Journal of Experimental Biology</i> , 2011 , 214, 3532-41	3	45
36	Late gestational intermittent hypoxia induces metabolic and epigenetic changes in male adult offspring mice. <i>Journal of Physiology</i> , 2017 , 595, 2551-2568	3.9	35
35	Immune profiles in primary squamous cell carcinoma of the head and neck. <i>Oral Oncology</i> , 2019 , 96, 77-84	8.4	32
34	Response to Anti-PD-1 in Uveal Melanoma Without High-Volume Liver Metastasis. <i>Journal of the National Comprehensive Cancer Network: JNCCN</i> , 2019 , 17, 114-117	7.3	31

33	Probing the Drosophila retinal determination gene network in Tribolium (I): The early retinal genes dachshund, eyes absent and sine oculis. <i>Developmental Biology</i> , 2009 , 333, 202-14	3.1	31
32	and expression by clinical, HLA, immune, and microbial correlates across 34 human cancers and matched normal tissues: implications for SARS-CoV-2 COVID-19 2020 , 8,		26
31	Interferon- γ corrects massive gene dysregulation in multiple sclerosis: Short-term and long-term effects on immune regulation and neuroprotection. <i>EBioMedicine</i> , 2019 , 49, 269-283	8.8	25
30	The histone deacetylase SIRT6 blocks myostatin expression and development of muscle atrophy. <i>Scientific Reports</i> , 2017 , 7, 11877	4.9	24
29	Molecular evolution of the Drosophila retinome: exceptional gene gain in the higher Diptera. <i>Molecular Biology and Evolution</i> , 2009 , 26, 1273-87	8.3	24
28	Randomized Phase II Trial and Tumor Mutational Spectrum Analysis from Cabozantinib versus Chemotherapy in Metastatic Uveal Melanoma (Alliance A091201). <i>Clinical Cancer Research</i> , 2020 , 26, 804-811	12.9	23
27	Drosophila SIN3 is required at multiple stages of development. <i>Developmental Dynamics</i> , 2008 , 237, 3040-50	4.5	21
26	Genome sequencing and transcriptome analyses of the Siberian hamster hypothalamus identify mechanisms for seasonal energy balance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 13116-13121	11.5	17
25	Parallel duplication and partial subfunctionalization of Ectatenin/armadillo during insect evolution. <i>Molecular Biology and Evolution</i> , 2012 , 29, 647-62	8.3	17
24	BMI, irAE, and gene expression signatures associate with resistance to immune-checkpoint inhibition and outcomes in renal cell carcinoma. <i>Journal of Translational Medicine</i> , 2019 , 17, 386	8.5	17
23	Fecal microbiome and metabolome differ in healthy and food-allergic twins. <i>Journal of Clinical Investigation</i> , 2021 , 131,	15.9	17
22	Clinical and molecular features of innate and acquired resistance to anti-PD-1/PD-L1 therapy in lung cancer. <i>Oncotarget</i> , 2018 , 9, 4375-4384	3.3	16
21	Epigenomic profiling in visceral white adipose tissue of offspring of mice exposed to late gestational sleep fragmentation. <i>International Journal of Obesity</i> , 2015 , 39, 1135-42	5.5	15
20	DNA Methylation Profiling of Blood Monocytes in Patients With Obesity Hypoventilation Syndrome: Effect of Positive Airway Pressure Treatment. <i>Chest</i> , 2016 , 150, 91-101	5.3	15
19	The Pax gene eyegone facilitates repression of eye development in Tribolium. <i>EvoDevo</i> , 2011 , 2, 8	3.2	12
18	Conserved cluster organization of insect Runx genes. <i>Development Genes and Evolution</i> , 2008 , 218, 567-748		12
17	Inhibition of the Wnt/Ectatenin pathway enhances antitumor immunity in ovarian cancer. <i>Therapeutic Advances in Medical Oncology</i> , 2020 , 12, 1758835920913798	5.4	10
16	Molecular correlates and therapeutic targets in T cell-inflamed versus non-T cell-inflamed tumors across cancer types. <i>Genome Medicine</i> , 2020 , 12, 90	14.4	9

15	O85 Durable responses in anti-PD-1 refractory melanoma following intratumoral injection of a toll-like receptor 9 (TLR9) agonist, CMP-001, in combination with pembrolizumab 2020 , 8, A2.2-A3		9
14	Next steps for clinical translation of adenosine pathway inhibition in cancer immunotherapy. 2022 , 10,		6
13	304 Intratumoral injection of CMP-001, a toll-like receptor 9 (TLR9) agonist, in combination with pembrolizumab reversed programmed death receptor 1 (PD-1) blockade resistance in advanced melanoma 2020 , 8, A331-A331		6
12	Detecting phenotype-specific interactions between biological processes from microarray data and annotations. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2012 , 9, 1399-409	3	5
11	WHSC1 monomethylates histone H1 and induces stem-cell like features in squamous cell carcinoma of the head and neck. <i>Neoplasia</i> , 2020 , 22, 283-293	6.4	4
10	Fast co-evolution of sevenless and bride of sevenless in endopterygote insects. <i>Development Genes and Evolution</i> , 2008 , 218, 215-20	1.8	4
9	Immunogenomic determinants of tumor microenvironment correlate with superior survival in high-risk neuroblastoma 2021 , 9,		4
8	Syngeneic tobacco carcinogen-induced mouse lung adenocarcinoma model exhibits PD-L1 expression and high tumor mutational burden. <i>JCI Insight</i> , 2021 , 6,	9.9	4
7	Virtual meetings promise to eliminate geographical and administrative barriers and increase accessibility, diversity and inclusivity.. <i>Nature Biotechnology</i> , 2021 ,	44.5	4
6	Comparative Evidence of an Exceptional Impact of Gene Duplication on the Developmental Evolution of Drosophila and the Higher Diptera. <i>Frontiers in Ecology and Evolution</i> , 2018 , 6,	3.7	3
5	Absence of coding somatic single nucleotide variants within well-known candidate genes in late-onset sporadic Alzheimer's Disease based on the analysis of multi-omics data. <i>Neurobiology of Aging</i> , 2021 , 108, 207-209	5.6	3
4	Host-Microbiota Interactions in the Esophagus During Homeostasis and Allergic Inflammation. <i>Gastroenterology</i> , 2021 ,	13.3	2
3	Evolutionary conservation of opsin gene expression patterns in the compound eyes of darkling beetles. <i>Development Genes and Evolution</i> , 2020 , 230, 339-345	1.8	2
2	Virtual meetings promise to eliminate the geographical and administrative barriers and increase accessibility, diversity, and inclusivity		1
1	Gestational sleep apnea perturbations induce metabolic disorders by divergent epigenomic regulation. <i>Epigenomics</i> , 2021 , 13, 751-765	4.4	0