

Yang Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

96
papers

2,145
citations

279778

23
h-index

289230

40
g-index

102
all docs

102
docs citations

102
times ranked

3463
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Anlotinib as a Third-Line or Further Treatment on Overall Survival of Patients With Advanced Nonâ€“Small Cell Lung Cancer. <i>JAMA Oncology</i> , 2018, 4, 1569.	7.1	388
2	Development and validation of an immune gene-set based Prognostic signature in ovarian cancer. <i>EBioMedicine</i> , 2019, 40, 318-326.	6.1	209
3	Statistical analysis for genome-wide association study. <i>Journal of Biomedical Research</i> , 2015, 29, 285.	1.6	73
4	Association between early treatment with Qingfei Paidu decoction and favorable clinical outcomes in patients with COVID-19: A retrospective multicenter cohort study. <i>Pharmacological Research</i> , 2020, 161, 105290.	7.1	67
5	Seven-CpG-based prognostic signature coupled with gene expression predicts survival of oral squamous cell carcinoma. <i>Clinical Epigenetics</i> , 2017, 9, 88.	4.1	65
6	Comprehensive analyses of m6A regulators and interactive coding and non-coding RNAs across 32 cancer types. <i>Molecular Cancer</i> , 2021, 20, 67.	19.2	65
7	A genome-wide gene-environment interaction analysis for tobacco smoke and lung cancer susceptibility. <i>Carcinogenesis</i> , 2014, 35, 1528-1535.	2.8	47
8	An Integrated Analysis of miRNA, lncRNA, and mRNA Expression Profiles. <i>BioMed Research International</i> , 2014, 2014, 1-12.	1.9	45
9	Integrative Analysis of miRNA-mRNA and miRNA-miRNA Interactions. <i>BioMed Research International</i> , 2014, 2014, 1-8.	1.9	45
10	Association Between Î³-Aminolevulinic Acid Dehydratase (ALAD) Polymorphism and Blood Lead Levels: A Meta-regression Analysis. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2007, 70, 1986-1994.	2.3	44
11	Relationship between Branched-Chain Amino Acids, Metabolic Syndrome, and Cardiovascular Risk Profile in a Chinese Population: A Cross-Sectional Study. <i>International Journal of Endocrinology</i> , 2016, 2016, 1-10.	1.5	39
12	Anlotinib for previously treated advanced or metastatic esophageal squamous cell carcinoma: A doubleâ€“blind randomized phase 2 trial. <i>Cancer Medicine</i> , 2021, 10, 1681-1689.	2.8	39
13	Modeling the transmission dynamics of COVID-19 epidemic: a systematic review. <i>Journal of Biomedical Research</i> , 2020, 34, 422.	1.6	35
14	Cardiac Injury and COVID-19: A Systematic Review and Meta-analysis. <i>CJC Open</i> , 2020, 2, 386-394.	1.5	33
15	Task-related functional magnetic resonance imaging-based neuronavigation for the treatment of depression by individualized repetitive transcranial magnetic stimulation of the visual cortex. <i>Science China Life Sciences</i> , 2021, 64, 96-106.	4.9	33
16	Potential clinical value of circular RNAs as peripheral biomarkers for the diagnosis and treatment of major depressive disorder. <i>EBioMedicine</i> , 2021, 66, 103337.	6.1	33
17	TOBML: trans-omics block missing data imputation using a k-nearest neighbor weighted approach. <i>Bioinformatics</i> , 2019, 35, 1278-1283.	4.1	32
18	Invasive adenocarcinoma of the lung is associated with the upper lung regions. <i>Lung Cancer</i> , 2014, 84, 145-150.	2.0	31

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19	Comparisons of isomiR patterns and classification performance using the rank-based MANOVA and 10-fold cross-validation. <i>Gene</i> , 2015, 569, 21-26.	2.2	29
20	A seven-gene prognostic signature for rapid determination of head and neck squamous cell carcinoma survival. <i>Oncology Reports</i> , 2017, 38, 3403-3411.	2.6	29
21	Prognostic factors of refractory NSCLC patients receiving anlotinib hydrochloride as the third- or further-line treatment. <i>Cancer Biology and Medicine</i> , 2018, 15, 443.	3.0	29
22	Gene copy number alterations in the azoospermia-associated AZFc region and their effect on spermatogenic impairment. <i>Molecular Human Reproduction</i> , 2014, 20, 836-843.	2.8	27
23	Association of assisted reproductive technology, germline de novo mutations and congenital heart defects in a prospective birth cohort study. <i>Cell Research</i> , 2021, 31, 919-928.	12.0	26
24	A Coding Single-Nucleotide Polymorphism in Lysine Demethylase <i>KDM4A</i> Associates with Increased Sensitivity to mTOR Inhibitors. <i>Cancer Discovery</i> , 2015, 5, 245-254.	9.4	25
25	Computed tomography measurement of pulmonary artery for diagnosis of COPD and its comorbidity pulmonary hypertension. <i>International Journal of COPD</i> , 2015, 10, 2525.	2.3	24
26	Evolutionary and Expression Analysis of miR-#-5p and miR-#-3p at the miRNAs/isomiRs Levels. <i>BioMed Research International</i> , 2015, 2015, 1-14.	1.9	24
27	Assisted reproductive technology and birth defects in a Chinese birth cohort study. <i>The Lancet Regional Health - Western Pacific</i> , 2021, 7, 100090.	2.9	24
28	Polymorphisms in MicroRNAs Are Associated with Survival in Non-Small Cell Lung Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2014, 23, 2503-2511.	2.5	22
29	Elevated Platelet Count Appears to Be Causally Associated with Increased Risk of Lung Cancer: A Mendelian Randomization Analysis. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2019, 28, 935-942.	2.5	21
30	Association of three single nucleotide polymorphisms of ESR1 with breast cancer susceptibility: a meta-analysis. <i>Journal of Biomedical Research</i> , 2017, 31, 213.	1.6	20
31	Variable selection approach for zero-inflated count data via adaptive lasso. <i>Journal of Applied Statistics</i> , 2014, 41, 879-894.	1.3	19
32	Reconstructing the coding and non-coding RNA regulatory networks of miRNAs and mRNAs in breast cancer. <i>Gene</i> , 2014, 548, 6-13.	2.2	18
33	Association between oral contraceptives and risk of hemorrhagic stroke: a meta-analysis of observational studies. <i>Archives of Gynecology and Obstetrics</i> , 2018, 297, 1181-1191.	1.7	18
34	Adiponectin Gene Polymorphisms and Acute Respiratory Distress Syndrome Susceptibility and Mortality. <i>PLoS ONE</i> , 2014, 9, e89170.	2.5	18
35	A Large-Scale Genome-Wide Gene-Gene Interaction Study of Lung Cancer Susceptibility in Europeans With a Trans-Ethnic Validation in Asians. <i>Journal of Thoracic Oncology</i> , 2022, 17, 974-990.	1.1	18
36	Cord serum elementomics profiling of 56 elements depicts risk of preterm birth: Evidence from a prospective birth cohort in rural Bangladesh. <i>Environment International</i> , 2021, 156, 106731.	10.0	17

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37	Identifying Plasma Biomarkers with high specificity for major depressive disorder: A multi-level proteomics study. <i>Journal of Affective Disorders</i> , 2020, 277, 620-630.	4.1	16
38	Association between dietary sodium, potassium intake and lung cancer risk: evidence from the prostate, lung, colorectal and ovarian cancer screening trial and the Women's Health Initiative. <i>Translational Lung Cancer Research</i> , 2021, 10, 45-56.	2.8	16
39	Mitochondrial Variations in Non-Small Cell Lung Cancer (NSCLC) Survival. <i>Cancer Informatics</i> , 2015, 14s1, CIN.S13976.	1.9	15
40	A Comparative Study of Five Association Tests Based on CpG Set for Epigenome-Wide Association Studies. <i>PLoS ONE</i> , 2016, 11, e0156895.	2.5	15
41	The Efficacy and Toxicity of Gefitinib in Treating Non-small Cell Lung Cancer: A Meta-analysis of 19 Randomized Clinical Trials. <i>Journal of Cancer</i> , 2018, 9, 1455-1465.	2.5	15
42	Implementation of Clinical Diagnostic Criteria and Universal Symptom Survey Contributed to Lower Magnitude and Faster Resolution of the COVID-19 Epidemic in Wuhan. <i>Engineering</i> , 2020, 6, 1141-1146.	6.7	14
43	Global Analysis of miRNA Gene Clusters and Gene Families Reveals Dynamic and Coordinated Expression. <i>BioMed Research International</i> , 2014, 2014, 1-7.	1.9	13
44	Trans-omics biomarker model improves prognostic prediction accuracy for early-stage lung adenocarcinoma. <i>Aging</i> , 2019, 11, 6312-6335.	3.1	13
45	Better modelling of infectious diseases: lessons from covid-19 in China. <i>BMJ</i> , The, 2021, 375, n2365.	6.0	13
46	Prediction of acute kidney injury after cardiac surgery: model development using a Chinese electronic health record dataset. <i>Journal of Translational Medicine</i> , 2022, 20, 166.	4.4	13
47	Permutation-based variance component test in generalized linear mixed model with application to multilocus genetic association study. <i>BMC Medical Research Methodology</i> , 2015, 15, 37.	3.1	12
48	Exome-Wide Association Study Identified New Risk Loci for Hirschsprung's Disease. <i>Molecular Neurobiology</i> , 2017, 54, 1777-1785.	4.0	12
49	Epigenetic modifications in KDM lysine demethylases associate with survival of early-stage NSCLC. <i>Clinical Epigenetics</i> , 2018, 10, 41.	4.1	12
50	Evaluating the effect of multiple genetic risk score models on colorectal cancer risk prediction. <i>Gene</i> , 2018, 673, 174-180.	2.2	12
51	Comprehensive estimation for the length and dispersion of COVID-19 incubation period: a systematic review and meta-analysis. <i>Infection</i> , 2022, 50, 803-813.	4.7	12
52	Mutant allele fraction heterogeneity is associated with non-small cell lung cancer patient survival. <i>Oncology Letters</i> , 2017, 15, 795-802.	1.8	11
53	Bayesian variable selection for parametric survival model with applications to cancer omics data. <i>Human Genomics</i> , 2018, 12, 49.	2.9	11
54	Safety profile of poly (ADP-ribose) polymerase (PARP) inhibitors in cancer: a network meta-analysis of randomized controlled trials. <i>Annals of Translational Medicine</i> , 2021, 9, 1229-1229.	1.7	10

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55	Global COVID-19 Pandemic Waves: Limited Lessons Learned Worldwide over the Past Year. <i>Engineering</i> , 2022, 13, 91-98.	6.7	10
56	APOLLO: An accurate and independently validated prediction model of lower-grade gliomas overall survival and a comparative study of model performance. <i>EBioMedicine</i> , 2022, 79, 104007.	6.1	10
57	SCALE-1: Safety and efficacy of short course neoadjuvant chemo-radiotherapy plus toripalimab for locally advanced resectable squamous cell carcinoma of esophagus.. <i>Journal of Clinical Oncology</i> , 2022, 40, 4063-4063.	1.6	10
58	A multi-omics study links TNS3 and SEPT7 to long-term former smoking NSCLC survival. <i>Npj Precision Oncology</i> , 2021, 5, 39.	5.4	9
59	A predictive paradigm for COVID-19 prognosis based on the longitudinal measure of biomarkers. <i>Briefings in Bioinformatics</i> , 2021, 22, .	6.5	9
60	Rare Variants Detection with Kernel Machine Learning Based on Likelihood Ratio Test. <i>PLoS ONE</i> , 2014, 9, e93355.	2.5	9
61	A Systematic Evaluation of Feature Selection and Classification Algorithms Using Simulated and Real miRNA Sequencing Data. <i>Computational and Mathematical Methods in Medicine</i> , 2015, 2015, 1-11.	1.3	8
62	ESR2 Genetic Variants and Combined Oral Contraceptive Use Associated with the Risk of Stroke. <i>Archives of Medical Research</i> , 2017, 48, 203-211.	3.3	8
63	SHARED: Efficacy and safety of sintilimab in combination with concurrent chemoradiotherapy (cCRT) in patients with locally advanced gastric (G) or gastroesophageal junction (GEJ) adenocarcinoma.. <i>Journal of Clinical Oncology</i> , 2021, 39, 4040-4040.	1.6	8
64	Profiling and Bioinformatic Analyses Indicate Differential circRNA and miRNA/isomiR Expression and Interactions. <i>BioMed Research International</i> , 2018, 2018, 1-9.	1.9	7
65	Circulating PCSK9 levels and 2-hPG are positively correlated in metabolic diseases in a Chinese Han population. <i>Lipids in Health and Disease</i> , 2018, 17, 15.	3.0	7
66	The relationship between treatment-induced hypertension and efficacy of anlotinib in recurrent or metastatic esophageal squamous cell carcinoma. <i>Cancer Biology and Medicine</i> , 2021, 18, 562-568.	3.0	7
67	Optimal, minimax and admissible two-stage design for phase II oncology clinical trials. <i>BMC Medical Research Methodology</i> , 2020, 20, 126.	3.1	7
68	Association between dietary intake of polyunsaturated fatty acid and prevalence of hypertension in U.S. adults: A cross-sectional study using data from NHANES 2009â€“2016. <i>Hypertension Research</i> , 2022, 45, 516-526.	2.7	7
69	Accuracy of three-dimensional photogrammetry and cone beam computed tomography based on linear measurements in patients with facial deformities. <i>Dentomaxillofacial Radiology</i> , 2021, 50, 20200001.	2.7	6
70	Associations of dietary PUFA with dyslipidaemia among the US adults: the findings from National Health and Nutrition Examination Survey (NHANES) 2009â€“2016. <i>British Journal of Nutrition</i> , 2022, 127, 1386-1394.	2.3	6
71	A fast algorithm for Bayesian multi-locus model in genome-wide association studies. <i>Molecular Genetics and Genomics</i> , 2017, 292, 923-934.	2.1	5
72	A case report of acute simultaneous cardiocerebral infarction: possible pathophysiology. <i>Annals of Palliative Medicine</i> , 2021, 10, 5887-5890.	1.2	5

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73	Appealing for efficient, well organized clinical trials on COVID-19. <i>Annals of Translational Medicine</i> , 2020, 8, 632-632.	1.7	4
74	Variance component testing for identifying differentially expressed genes in RNA-seq data. <i>PeerJ</i> , 2017, 5, e3797.	2.0	4
75	IPRS: Leveraging Gene-Environment Interaction to Reconstruct Polygenic Risk Score. <i>Frontiers in Genetics</i> , 2022, 13, 801397.	2.3	4
76	Application of cloud computing in biomedicine big data analysis cloud computing in big data. , 2017, , .		3
77	Intelligent quantitative assessment of skeletal maturation based on multi-stage model: a retrospective cone-beam CT study of cervical vertebrae. <i>Oral Radiology</i> , 2022, 38, 378-388.	1.9	3
78	Transmission dynamics model and the coronavirus disease 2019 epidemic: applications and challenges. <i>Medical Review</i> , 2022, 2, 89-109.	1.2	3
79	Identifying and exploiting gene-pathway interactions from RNA-seq data for binary phenotype. <i>BMC Genetics</i> , 2019, 20, 36.	2.7	2
80	Identification of genetic features associated with fine particulate matter (PM2.5) modulated DNA damage using improved random forest analysis. <i>Gene</i> , 2020, 740, 144570.	2.2	2
81	Multiple arterial conduits for multi-vessel coronary artery bypass grafting in patients with mild to moderate left ventricular systolic dysfunction: a multicenter retrospective study. <i>Journal of Cardiothoracic Surgery</i> , 2021, 16, 123.	1.1	2
82	Association between aspirin use and lung cancer incidence depends on high-frequency use, bodyweight, and age in U.S. adults. <i>Translational Lung Cancer Research</i> , 2021, 10, 392-401.	2.8	2
83	Genetic Association Analysis Using Sibship Data: A Multilevel Model Approach. <i>PLoS ONE</i> , 2012, 7, e31134.	2.5	2
84	Dynamic trajectory of platelet counts after the first cycle of induction chemotherapy in AML patients. <i>BMC Cancer</i> , 2022, 22, 477.	2.6	2
85	Common Statistical Methods and Reporting of Results in Medical Research. <i>Cardiovascular Innovations and Applications</i> , 2022, 6, .	0.3	2
86	Forecasting of COVID-19: transmission models and beyond. <i>Journal of Thoracic Disease</i> , 2020, 12, 1762-1765.	1.4	1
87	Genome-wide gene-smoking interaction study identified novel susceptibility loci for non-small cell lung cancer in Chinese populations. <i>Carcinogenesis</i> , 2021, 42, 1154-1161.	2.8	1
88	Potential of Antithrombin III as a Biomarker of Antidepressive Effect in Major Depressive Disorder. <i>Frontiers in Psychiatry</i> , 2021, 12, 678384.	2.6	1
89	Association of Hypokalemia Incidence and Better Treatment Response in NSCLC Patients: A Meta-Analysis and Systematic Review on Anti-EGFR Targeted Therapy Clinical Trials. <i>Frontiers in Oncology</i> , 2021, 11, 757456.	2.8	1
90	Development of a multi-stage model for intelligent and quantitative appraising of skeletal maturity using cervical vertebrae cone-beam CT images of Chinese girls. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2022, 17, 761.	2.8	1

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91	Heterogeneity of Treatment Effects for Intensive Blood Pressure Therapy by Individual Components of FRS: An Unsupervised Data-Driven Subgroup Analysis in SPRINT and ACCORD. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 778756.	2.4	1
92	Mid-term outcomes of coronary artery bypass grafting in patients with mild left ventricular systolic dysfunction: a multicentre retrospective cohort study. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2021, 32, 855-863.	1.1	0
93	Comment on the article: "Prediction of the development of acute kidney injury following cardiac surgery by machine learning". <i>Critical Care</i> , 2021, 25, 374.	5.8	0
94	A dynamic model for individualized prognosis prediction in patients with avian influenza A H7N9. <i>Annals of Translational Medicine</i> , 2022, 10, 149-149.	1.7	0
95	Effects of interaction between single nucleotide polymorphisms and psychosocial factors on the response to antidepressant treatment in patients with major depressive disorder. <i>Journal of Genetics and Genomics</i> , 2021, 49, 587-587.	3.9	0
96	Risk difference, relative risk, and odds ratio for non-inferiority clinical trials with risk rate endpoint. <i>Journal of Biopharmaceutical Statistics</i> , 0, , 1-16.	0.8	0