Yang Zhao

List of Publications by Year in Descending Order

91 papers	**1,166** citations	**18** h-index	**30** g-index
102 ext. papers	**1,683** ext. citations	**5.3** avg, IF	**4.42** L-index

#	Paper	IF	Citations
91	A dynamic model for individualized prognosis prediction in patients with avian influenza A H7N9.. *Annals of Translational Medicine*, **2022**, 10, 149	3.2	
90	Association between dietary intake of polyunsaturated fatty acid and prevalence of hypertension in U.S. adults: A cross-sectional study using data from NHANES 2009-2016.. *Hypertension Research*, **2022**,	4.7	1
89	Development of a multi-stage model for intelligent and quantitative appraising of skeletal maturity using cervical vertebras cone-beam CT images of Chinese girls.. *International Journal of Computer Assisted Radiology and Surgery*, **2022**, 17, 761	3.9	0
88	Heterogeneity of Treatment Effects for Intensive Blood Pressure Therapy by Individual Components of FRS: An Unsupervised Data-Driven Subgroup Analysis in SPRINT and ACCORD.. *Frontiers in Cardiovascular Medicine*, **2022**, 9, 778756	5.4	
87	Transmission dynamics model and the coronavirus disease 2019 epidemic: applications and challenges **2022**, 2, 89-109		1
86	IPRS: Leveraging Gene-Environment Interaction to Reconstruct Polygenic Risk Score.. *Frontiers in Genetics*, **2022**, 13, 801397	4.5	0
85	Prediction of acute kidney injury after cardiac surgery: model development using a Chinese electronic health record dataset.. *Journal of Translational Medicine*, **2022**, 20, 166	8.5	0
84	APOLLO: An accurate and independently validated prediction model of lower-grade gliomas overall survival and a comparative study of model performance.. *EBioMedicine*, **2022**, 79, 104007	8.8	0
83	Dynamic trajectory of platelet counts after the first cycle of induction chemotherapy in AML patients.. *BMC Cancer*, **2022**, 22, 477	4.8	0
82	Common Statistical Methods and Reporting of Results in Medical Research. *Cardiovascular Innovations and Applications*, **2022**, 6, 117-125	0.1	
81	Better modelling of infectious diseases: lessons from covid-19 in China. *BMJ, The*, **2021**, 375, n2365	5.9	1
80	Association of Hypokalemia Incidence and Better Treatment Response in NSCLC Patients: A Meta-Analysis and Systematic Review on Anti-EGFR Targeted Therapy Clinical Trials.. *Frontiers in Oncology*, **2021**, 11, 757456	5.3	0
79	Comment on the article: "Prediction of the development of acute kidney injury following cardiac surgery by machine learning". *Critical Care*, **2021**, 25, 374	10.8	
78	Potential of Antithrombin III as a Biomarker of Antidepressive Effect in Major Depressive Disorder. *Frontiers in Psychiatry*, **2021**, 12, 678384	5	1
77	Potential clinical value of circular RNAs as peripheral biomarkers for the diagnosis and treatment of major depressive disorder. *EBioMedicine*, **2021**, 66, 103337	8.8	13
76	Comprehensive analyses of m6A regulators and interactive coding and non-coding RNAs across 32 cancer types. *Molecular Cancer*, **2021**, 20, 67	42.1	13
75	A case report of acute simultaneous cardiocerebral infarction: possible pathophysiology. *Annals of Palliative Medicine*, **2021**, 10, 5887-5890	1.7	2

No.	Title	IF	Cites
74	SHARED: Efficacy and safety of sintilimab in combination with concurrent chemoradiotherapy (cCRT) in patients with locally advanced gastric (G) or gastroesophageal junction (GEJ) adenocarcinoma.. *Journal of Clinical Oncology*, **2021**, 39, 4040-4040	2.2	0
73	A multi-omics study links TNS3 and SEPT7 to long-term former smoking NSCLC survival. *Npj Precision Oncology*, **2021**, 5, 39	9.8	1
72	Multiple arterial conduits for multi-vessel coronary artery bypass grafting in patients with mild to moderate left ventricular systolic dysfunction: a multicenter retrospective study. *Journal of Cardiothoracic Surgery*, **2021**, 16, 123	1.6	1
71	Associations of dietary PUFA with dyslipidaemia among the US adults: the findings from National Health and Nutrition Examination Survey (NHANES) 2009-2016. *British Journal of Nutrition*, **2021**, 1-9	3.6	1
70	A predictive paradigm for COVID-19 prognosis based on the longitudinal measure of biomarkers. *Briefings in Bioinformatics*, **2021**, 22,	13.4	2
69	Association of assisted reproductive technology, germline de novo mutations and congenital heart defects in a prospective birth cohort study. *Cell Research*, **2021**, 31, 919-928	24.7	7
68	Task-related functional magnetic resonance imaging-based neuronavigation for the treatment of depression by individualized repetitive transcranial magnetic stimulation of the visual cortex. *Science China Life Sciences*, **2021**, 64, 96-106	8.5	10
67	Accuracy of three-dimensional photogrammetry and cone beam computed tomography based on linear measurements in patients with facial deformities. *Dentomaxillofacial Radiology*, **2021**, 50, 20200001	3.9	2
66	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. *Translational Lung Cancer Research*, **2021**, 10, 45-56	4.4	1
65	The relationship between treatment-induced hypertension and efficacy of anlotinib in recurrent or metastatic esophageal squamous cell carcinoma. *Cancer Biology and Medicine*, **2021**,	5.2	6
64	Mid-term outcomes of coronary artery bypass grafting in patients with mild left ventricular systolic dysfunction: a multicentre retrospective cohort study. *Interactive Cardiovascular and Thoracic Surgery*, **2021**, 32, 855-863	1.8	
63	Anlotinib for previously treated advanced or metastatic esophageal squamous cell carcinoma: A double-blind randomized phase 2 trial. *Cancer Medicine*, **2021**, 10, 1681-1689	4.8	8
62	Assisted reproductive technology and birth defects in a Chinese birth cohort study. *The Lancet Regional Health - Western Pacific*, **2021**, 7, 100090	5	5
61	Genome-wide gene-smoking interaction study identified novel susceptibility loci for non-small cell lung cancer in Chinese populations. *Carcinogenesis*, **2021**, 42, 1154-1161	4.6	0
60	Safety profile of poly (ADP-ribose) polymerase (PARP) inhibitors in cancer: a network meta-analysis of randomized controlled trials. *Annals of Translational Medicine*, **2021**, 9, 1229	3.2	2
59	Comprehensive estimation for the length and dispersion of COVID-19 incubation period: a systematic review and meta-analysis. *Infection*, **2021**, 1	5.8	2
58	Intelligent quantitative assessment of skeletal maturation based on multi-stage model: a retrospective cone-beam CT study of cervical vertebrae. *Oral Radiology*, **2021**, 1	2.5	1
57	Cord serum elementomics profiling of 56 elements depicts risk of preterm birth: Evidence from a prospective birth cohort in rural Bangladesh. *Environment International*, **2021**, 156, 106731	12.9	4

56	Association between aspirin use and lung cancer incidence depends on high-frequency use, bodyweight, and age in U.S. adults. *Translational Lung Cancer Research*, **2021**, 10, 392-401	4.4	0
55	Effects of interaction between single nucleotide polymorphisms and psychosocial factors on the response to antidepressant treatment in patients with major depressive disorder.. *Journal of Genetics and Genomics*, **2021**, 49, 587-587	4	
54	Implementation of Clinical Diagnostic Criteria and Universal Symptom Survey Contributed to Lower Magnitude and Faster Resolution of the COVID-19 Epidemic in Wuhan. *Engineering*, **2020**, 6, 1141-1146	9.7	10
53	Appealing for efficient, well organized clinical trials on COVID-19. *Annals of Translational Medicine*, **2020**, 8, 632	3.2	2
52	Identification of genetic features associated with fine particulate matter (PM2.5) modulated DNA damage using improved random forest analysis. *Gene*, **2020**, 740, 144570	3.8	0
51	Cardiac Injury and COVID-19: A Systematic Review and Meta-analysis. *CJC Open*, **2020**, 2, 386-394	2	23
50	Modeling the transmission dynamics of COVID-19 epidemic: a systematic review. *Journal of Biomedical Research*, **2020**, 34, 422-430	1.5	14
49	Optimal, minimax and admissible two-stage design for phase II oncology clinical trials. *BMC Medical Research Methodology*, **2020**, 20, 126	4.7	1
48	Association between early treatment with Qingfei Paidu decoction and favorable clinical outcomes in patients with COVID-19: A retrospective multicenter cohort study. *Pharmacological Research*, **2020**, 161, 105290	10.2	33
47	Identifying Plasma Biomarkers with high specificity for major depressive disorder: A multi-level proteomics study. *Journal of Affective Disorders*, **2020**, 277, 620-630	6.6	4
46	Identifying and exploiting gene-pathway interactions from RNA-seq data for binary phenotype. *BMC Genetics*, **2019**, 20, 36	2.6	2
45	Elevated Platelet Count Appears to Be Causally Associated with Increased Risk of Lung Cancer: A Mendelian Randomization Analysis. *Cancer Epidemiology Biomarkers and Prevention*, **2019**, 28, 935-942	4	12
44	Trans-omics biomarker model improves prognostic prediction accuracy for early-stage lung adenocarcinoma. *Aging*, **2019**, 11, 6312-6335	5.6	8
43	TOBMI: trans-omics block missing data imputation using a k-nearest neighbor weighted approach. *Bioinformatics*, **2019**, 35, 1278-1283	7.2	18
42	Development and validation of an immune gene-set based Prognostic signature in ovarian cancer. *EBioMedicine*, **2019**, 40, 318-326	8.8	106
41	Association between oral contraceptives and risk of hemorrhagic stroke: a meta-analysis of observational studies. *Archives of Gynecology and Obstetrics*, **2018**, 297, 1181-1191	2.5	11
40	Epigenetic modifications in lysine demethylases associate with survival of early-stage NSCLC. *Clinical Epigenetics*, **2018**, 10, 41	7.7	11
39	Circulating PCSK9 levels and 2-hPG are positively correlated in metabolic diseases in a Chinese Han population. *Lipids in Health and Disease*, **2018**, 17, 15	4.4	6

38	Effect of Anlotinib as a Third-Line or Further Treatment on Overall Survival of Patients With Advanced Non-Small Cell Lung Cancer: The ALTER 0303 Phase 3 Randomized Clinical Trial. *JAMA Oncology*, **2018**, 4, 1569-1575	13.4	218
37	Evaluating the effect of multiple genetic risk score models on colorectal cancer risk prediction. *Gene*, **2018**, 673, 174-180	3.8	9
36	Mutant-allele fraction heterogeneity is associated with non-small cell lung cancer patient survival. *Oncology Letters*, **2018**, 15, 795-802	2.6	9
35	Prognostic factors of refractory NSCLC patients receiving anlotinib hydrochloride as the third- or further-line treatment. *Cancer Biology and Medicine*, **2018**, 15, 443-451	5.2	19
34	Bayesian variable selection for parametric survival model with applications to cancer omics data. *Human Genomics*, **2018**, 12, 49	6.8	7
33	The Efficacy and Toxicity of Gefitinib in Treating Non-small Cell Lung Cancer: A Meta-analysis of 19 Randomized Clinical Trials. *Journal of Cancer*, **2018**, 9, 1455-1465	4.5	11
32	Profiling and Bioinformatic Analyses Indicate Differential circRNA and miRNA/isomiR Expression and Interactions. *BioMed Research International*, **2018**, 2018, 8518563	3	5
31	Exome-Wide Association Study Identified New Risk Loci for Hirschsprung's Disease. *Molecular Neurobiology*, **2017**, 54, 1777-1785	6.2	7
30	ESR2 Genetic Variants and Combined Oral Contraceptive Use Associated with the Risk of Stroke. *Archives of Medical Research*, **2017**, 48, 203-211	6.6	4
29	A fast algorithm for Bayesian multi-locus model in genome-wide association studies. *Molecular Genetics and Genomics*, **2017**, 292, 923-934	3.1	4
28	Seven-CpG-based prognostic signature coupled with gene expression predicts survival of oral squamous cell carcinoma. *Clinical Epigenetics*, **2017**, 9, 88	7.7	39
27	Application of cloud computing in biomedicine big data analysis cloud computing in big data **2017**,		2
26	A seven-gene prognostic signature for rapid determination of head and neck squamous cell carcinoma survival. *Oncology Reports*, **2017**, 38, 3403-3411	3.5	21
25	Association of three single nucleotide polymorphisms of ESR1with breast cancer susceptibility: a meta-analysis. *Journal of Biomedical Research*, **2017**, 31, 213-225	1.5	13
24	Variance component testing for identifying differentially expressed genes in RNA-seq data. *PeerJ*, **2017**, 5, e3797	3.1	3
23	Relationship between Branched-Chain Amino Acids, Metabolic Syndrome, and Cardiovascular Risk Profile in a Chinese Population: A Cross-Sectional Study. *International Journal of Endocrinology*, **2016**, 2016, 8173905	2.7	22
22	A Comparative Study of Five Association Tests Based on CpG Set for Epigenome-Wide Association Studies. *PLoS ONE*, **2016**, 11, e0156895	3.7	13
21	Permutation-based variance component test in generalized linear mixed model with application to multilocus genetic association study. *BMC Medical Research Methodology*, **2015**, 15, 37	4.7	7

20	Mitochondrial Variations in Non-Small Cell Lung Cancer (NSCLC) Survival. *Cancer Informatics*, **2015**, 14, 1-9	2.4	10
19	Computed tomography measurement of pulmonary artery for diagnosis of COPD and its comorbidity pulmonary hypertension. *International Journal of COPD*, **2015**, 10, 2525-33	3	17
18	A Systematic Evaluation of Feature Selection and Classification Algorithms Using Simulated and Real miRNA Sequencing Data. *Computational and Mathematical Methods in Medicine*, **2015**, 2015, 178572	2.8	6
17	Evolutionary and expression analysis of miR-#-5p and miR-#-3p at the miRNAs/isomiRs levels. *BioMed Research International*, **2015**, 2015, 168358	3	16
16	Comparisons of isomiR patterns and classification performance using the rank-based MANOVA and 10-fold cross-validation. *Gene*, **2015**, 569, 21-6	3.8	21
15	A coding single-nucleotide polymorphism in lysine demethylase KDM4A associates with increased sensitivity to mTOR inhibitors. *Cancer Discovery*, **2015**, 5, 245-54	24.4	20
14	Statistical analysis for genome-wide association study. *Journal of Biomedical Research*, **2015**, 29, 285-97	1.5	40
13	Variable selection approach for zero-inflated count data via adaptive lasso. *Journal of Applied Statistics*, **2014**, 41, 879-894	1	16
12	Polymorphisms in MicroRNAs are associated with survival in non-small cell lung cancer. *Cancer Epidemiology Biomarkers and Prevention*, **2014**, 23, 2503-11	4	19
11	Reconstructing the coding and non-coding RNA regulatory networks of miRNAs and mRNAs in breast cancer. *Gene*, **2014**, 548, 6-13	3.8	17
10	A genome-wide gene-environment interaction analysis for tobacco smoke and lung cancer susceptibility. *Carcinogenesis*, **2014**, 35, 1528-35	4.6	35
9	Invasive adenocarcinoma of the lung is associated with the upper lung regions. *Lung Cancer*, **2014**, 84, 145-50	5.9	21
8	Gene copy number alterations in the azoospermia-associated AZFc region and their effect on spermatogenic impairment. *Molecular Human Reproduction*, **2014**, 20, 836-43	4.4	19
7	An integrated analysis of miRNA, lncRNA, and mRNA expression profiles. *BioMed Research International*, **2014**, 2014, 345605	3	39
6	Global analysis of miRNA gene clusters and gene families reveals dynamic and coordinated expression. *BioMed Research International*, **2014**, 2014, 782490	3	12
5	Integrative analysis of miRNA-mRNA and miRNA-miRNA interactions. *BioMed Research International*, **2014**, 2014, 907420	3	36
4	Adiponectin gene polymorphisms and acute respiratory distress syndrome susceptibility and mortality. *PLoS ONE*, **2014**, 9, e89170	3.7	17
3	Rare variants detection with kernel machine learning based on likelihood ratio test. *PLoS ONE*, **2014**, 9, e93355	3.7	7

2   Genetic association analysis using sibship data: a multilevel model approach. *PLoS ONE*, **2012**, 7, e31134 3.7   2

1   Association between delta-aminolevulinic acid dehydratase (ALAD) polymorphism and blood lead levels: a meta-regression analysis. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2007**, 70, 1986-94 3.2   35