

# Yong-Yue Wei

## List of Publications by Year in descending order

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Version: 2024-02-01

102  
papers

2,494  
citations

236612

25  
h-index

264894

42  
g-index

106  
all docs

106  
docs citations

106  
times ranked

5157  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rare variants of large effect in BRCA2 and CHEK2 affect risk of lung cancer. <i>Nature Genetics</i> , 2014, 46, 736-741.	9.4	360
2	Development and validation of an immune gene-set based Prognostic signature in ovarian cancer. <i>EBioMedicine</i> , 2019, 40, 318-326.	2.7	209
3	Cross-Cancer Genome-Wide Analysis of Lung, Ovary, Breast, Prostate, and Colorectal Cancer Reveals Novel Pleiotropic Associations. <i>Cancer Research</i> , 2016, 76, 5103-5114.	0.4	100
4	Gene control of tyrosine kinase <i>TIE2</i> and vascular manifestations of infections. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 2472-2477.	3.3	85
5	Seven-CpG-based prognostic signature coupled with gene expression predicts survival of oral squamous cell carcinoma. <i>Clinical Epigenetics</i> , 2017, 9, 88.	1.8	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.	7.9	65
7	Thrombocytopenia Is Associated with Acute Respiratory Distress Syndrome Mortality: An International Study. <i>PLoS ONE</i> , 2014, 9, e94124.	1.1	53
8	Genome-wide association study confirms lung cancer susceptibility loci on chromosomes 5p15 and 15q25 in an African-American population. <i>Lung Cancer</i> , 2016, 98, 33-42.	0.9	49
9	A Novel Genetic Variant in Long Non-coding RNA Gene NEXN-AS1 is Associated with Risk of Lung Cancer. <i>Scientific Reports</i> , 2016, 6, 34234.	1.6	48
10	A genome-wide gene-environment interaction analysis for tobacco smoke and lung cancer susceptibility. <i>Carcinogenesis</i> , 2014, 35, 1528-1535.	1.3	47
11	Platelet Count Mediates the Contribution of a Genetic Variant in LRRC 16A to ARDS Risk. <i>Chest</i> , 2015, 147, 607-617.	0.4	46
12	Whole blood microRNA markers are associated with acute respiratory distress syndrome. <i>Intensive Care Medicine Experimental</i> , 2017, 5, 38.	0.9	44
13	Genetic variants in <i>ABCG2</i> are associated with survival of nonsmall cell lung cancer patients. <i>International Journal of Cancer</i> , 2016, 138, 2592-2601.	2.3	41
14	Phosphoproteomic Analysis of Neonatal Regenerative Myocardium Revealed Important Roles of Checkpoint Kinase 1 via Activating Mammalian Target of Rapamycin C1/Ribosomal Protein S6 Kinase b-1 Pathway. <i>Circulation</i> , 2020, 141, 1554-1569.	1.6	39
15	Exosomal MALAT1 derived from hepatic cells is involved in the activation of hepatic stellate cells via miRNA-26b in fibrosis induced by arsenite. <i>Toxicology Letters</i> , 2019, 316, 73-84.	0.4	38
16	Fine mapping of chromosome 5p15.33 based on a targeted deep sequencing and high density genotyping identifies novel lung cancer susceptibility loci. <i>Carcinogenesis</i> , 2016, 37, 96-105.	1.3	36
17	MicroRNA-15b in extracellular vesicles from arsenite-treated macrophages promotes the progression of hepatocellular carcinomas by blocking the LATS1-mediated Hippo pathway. <i>Cancer Letters</i> , 2021, 497, 137-153.	3.2	36
18	Multi-Omics Analysis Reveals a HIF Network and Hub Gene EPAS1 Associated with Lung Adenocarcinoma. <i>EBioMedicine</i> , 2018, 32, 93-101.	2.7	35

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19	Modeling the transmission dynamics of COVID-19 epidemic: a systematic review. <i>Journal of Biomedical Research</i> , 2020, 34, 422.	0.7	35
20	Association between tea consumption and risk of cancer: a prospective cohort study of 0.5 million Chinese adults. <i>European Journal of Epidemiology</i> , 2019, 34, 753-763.	2.5	34
21	TOBML: trans-omics block missing data imputation using a k-nearest neighbor weighted approach. <i>Bioinformatics</i> , 2019, 35, 1278-1283.	1.8	32
22	A multi-omic study reveals <i>BTG2</i> as a reliable prognostic marker for early-stage non-small cell lung cancer. <i>Molecular Oncology</i> , 2018, 12, 913-924.	2.1	31
23	A seven-gene prognostic signature for rapid determination of head and neck squamous cell carcinoma survival. <i>Oncology Reports</i> , 2017, 38, 3403-3411.	1.2	29
24	Machine learning for prediction of sudden cardiac death in heart failure patients with low left ventricular ejection fraction: study protocol for a retrospective multicentre registry in China. <i>BMJ Open</i> , 2019, 9, e023724.	0.8	29
25	Therapeutic effect of apatinib on overall survival is mediated by prolonged progression-free survival in advanced gastric cancer patients. <i>Oncotarget</i> , 2017, 8, 29346-29354.	0.8	28
26	<i>EGLN2</i> DNA methylation and expression interact with <i>HIF1A</i> to affect survival of early-stage NSCLC. <i>Epigenetics</i> , 2019, 14, 118-129.	1.3	28
27	HINT1 (Histidine Triad Nucleotide-Binding Protein 1) Attenuates Cardiac Hypertrophy Via Suppressing HOXA5 (Homeobox A5) Expression. <i>Circulation</i> , 2021, 144, 638-654.	1.6	28
28	Late-onset moderate to severe acute respiratory distress syndrome is associated with shorter survival and higher mortality: a two-stage association study. <i>Intensive Care Medicine</i> , 2017, 43, 399-407.	3.9	27
29	Global Metabolomic Profiling Reveals an Association of Metal Fume Exposure and Plasma Unsaturated Fatty Acids. <i>PLoS ONE</i> , 2013, 8, e77413.	1.1	27
30	Independent Validation of Early-Stage Non-Small Cell Lung Cancer Prognostic Scores Incorporating Epigenetic and Transcriptional Biomarkers With Gene-Gene Interactions and Main Effects. <i>Chest</i> , 2020, 158, 808-819.	0.4	26
31	Welding fume exposure is associated with inflammation: a global metabolomics profiling study. <i>Environmental Health</i> , 2018, 17, 68.	1.7	24
32	Deciphering associations for lung cancer risk through imputation and analysis of 12,316 cases and 16,831 controls. <i>European Journal of Human Genetics</i> , 2015, 23, 1723-1728.	1.4	22
33	Whole-miRNome profiling identifies prognostic serum miRNAs in esophageal adenocarcinoma: the influence of <i>Helicobacter pylori</i> infection status. <i>Carcinogenesis</i> , 2015, 36, 87-93.	1.3	21
34	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.	1.1	21
35	Genome-wide gene by lead exposure interaction analysis identifies <i>UNC5D</i> as a candidate gene for neurodevelopment. <i>Environmental Health</i> , 2017, 16, 81.	1.7	20
36	Integrated Transcriptomics, Metabolomics, and Lipidomics Profiling in Rat Lung, Blood, and Serum for Assessment of Laser Printer-Emitted Nanoparticle Inhalation Exposure-Induced Disease Risks. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6348.	1.8	20

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37	Association of three single nucleotide polymorphisms of ESR1 with breast cancer susceptibility: a meta-analysis. <i>Journal of Biomedical Research</i> , 2017, 31, 213.	0.7	20
38	Variable selection approach for zero-inflated count data via adaptive lasso. <i>Journal of Applied Statistics</i> , 2014, 41, 879-894.	0.6	19
39	<i>SIPA1L3</i> methylation modifies the benefit of smoking cessation on lung adenocarcinoma survival: an epigenetic-smoking interaction analysis. <i>Molecular Oncology</i> , 2019, 13, 1235-1248.	2.1	19
40	Birth weight is positively associated with adult osteoporosis risk: observational and Mendelian randomization studies. <i>Journal of Bone and Mineral Research</i> , 2020, 36, 1469-1480.	3.1	18
41	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.	0.5	18
42	Activation of ATP-sensitive potassium channels facilitates the function of human endothelial colony-forming cells via $Ca^{2+}/Akt/eNOS$ pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2017, 21, 609-620.	1.6	17
43	Assessing the Relationship Between Leukocyte Telomere Length and Cancer Risk/Mortality in UK Biobank and TCGA Datasets With the Genetic Risk Score and Mendelian Randomization Approaches. <i>Frontiers in Genetics</i> , 2020, 11, 583106.	1.1	17
44	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.	4.8	17
45	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.	1.3	16
46	A Comparative Study of Five Association Tests Based on CpG Set for Epigenome-Wide Association Studies. <i>PLoS ONE</i> , 2016, 11, e0156895.	1.1	15
47	Genetic variant of <i>miR-146a</i> rs2910164 C>G and gastric cancer susceptibility. <i>Oncotarget</i> , 2016, 7, 34316-34321.	0.8	15
48	Scavenger Receptor A1 Prevents Metastasis of Non-Small Cell Lung Cancer via Suppression of Macrophage Serum Amyloid A1. <i>Cancer Research</i> , 2017, 77, 1586-1598.	0.4	14
49	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.	3.2	14
50	Small pulmonary vascular alteration and acute exacerbations of COPD: quantitative computed tomography analysis. <i>International Journal of COPD</i> , 2016, Volume 11, 1965-1971.	0.9	13
51	Pathway analysis of published genome-wide association studies of lung cancer: A potential role for the <i>CYP4F3</i> locus. <i>Molecular Carcinogenesis</i> , 2017, 56, 1663-1672.	1.3	13
52	Maternal/fetal metabolomes appear to mediate the impact of arsenic exposure on birth weight: A pilot study. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2017, 27, 313-319.	1.8	13
53	Epigenetic-smoking interaction reveals histologically heterogeneous effects of TRIM27 DNA methylation on overall survival among early-stage NSCLC patients. <i>Molecular Oncology</i> , 2020, 14, 2759-2774.	2.1	13
54	Trans-omics biomarker model improves prognostic prediction accuracy for early-stage lung adenocarcinoma. <i>Aging</i> , 2019, 11, 6312-6335.	1.4	13

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55	Better modelling of infectious diseases: lessons from covid-19 in China. <i>BMJ</i> , The, 2021, 375, n2365.	3.0	13
56	Common SNP in hsa-miR-196a-2 increases hsa-miR-196a-5p expression and predisposes to idiopathic male infertility in Chinese Han population. <i>Scientific Reports</i> , 2016, 6, 19825.	1.6	12
57	Epigenetic modifications in KDM lysine demethylases associate with survival of early-stage NSCLC. <i>Clinical Epigenetics</i> , 2018, 10, 41.	1.8	12
58	Evaluating the effect of multiple genetic risk score models on colorectal cancer risk prediction. <i>Gene</i> , 2018, 673, 174-180.	1.0	12
59	Child marriage, maternal serum metal exposure, and risk of preterm birth in rural Bangladesh: evidence from mediation analysis. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2021, 31, 571-580.	1.8	12
60	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.	2.3	12
61	Comparison of endoscopic full-thickness resection and cap-assisted endoscopic full-thickness resection in the treatment of small ( $\leq 1.5$ cm) gastric GI stromal tumors. <i>Gastrointestinal Endoscopy</i> , 2022, 95, 660-670.e2.	0.5	12
62	Mutant allele fraction heterogeneity is associated with non-small cell lung cancer patient survival. <i>Oncology Letters</i> , 2017, 15, 795-802.	0.8	11
63	Bayesian variable selection for parametric survival model with applications to cancer omics data. <i>Human Genomics</i> , 2018, 12, 49.	1.4	11
64	Dynamic trajectory of platelet-related indicators and survival of severe COVID-19 patients. <i>Critical Care</i> , 2020, 24, 607.	2.5	11
65	Associations between genetic variants in mRNA splicing-related genes and risk of lung cancer: a pathway-based analysis from published GWASs. <i>Scientific Reports</i> , 2017, 7, 44634.	1.6	10
66	DNA Methylation of <i>LRRC3B</i> : A Biomarker for Survival of Early-Stage Non-Small Cell Lung Cancer Patients. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2018, 27, 1527-1535.	1.1	10
67	shinyBN: an online application for interactive Bayesian network inference and visualization. <i>BMC Bioinformatics</i> , 2019, 20, 711.	1.2	10
68	Global COVID-19 Pandemic Waves: Limited Lessons Learned Worldwide over the Past Year. <i>Engineering</i> , 2022, 13, 91-98.	3.2	10
69	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.	2.7	10
70	Alterations of gut microbiota composition in neonates conceived by assisted reproductive technology and its relation to infant growth. <i>Gut Microbes</i> , 2020, 12, 1794466.	4.3	9
71	Plasma Insulin-like Growth Factor Binding Protein 7 Contributes Causally to ARDS 28-Day Mortality. <i>Chest</i> , 2021, 159, 1007-1018.	0.4	9
72	A multi-omics study links TNS3 and SEPT7 to long-term former smoking NSCLC survival. <i>Npj Precision Oncology</i> , 2021, 5, 39.	2.3	9

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73	A predictive paradigm for COVID-19 prognosis based on the longitudinal measure of biomarkers. Briefings in Bioinformatics, 2021, 22, .	3.2	9
74	Serine/Threonine-Protein Kinase 3 Facilitates Myocardial Repair After Cardiac Injury Possibly Through the Glycogen Synthase Kinase-3/Catenin Pathway. Journal of the American Heart Association, 2021, 10, e022802.	1.6	9
75	Pulmonary Hypertension Parameters Assessment by Electrocardiographically Gated Computed Tomography. Journal of Thoracic Imaging, 2019, 34, 329-337.	0.8	8
76	The ubiquitination and acetylation of histones are associated with male reproductive disorders induced by chronic exposure to arsenite. Toxicology and Applied Pharmacology, 2020, 408, 115253.	1.3	8
77	Three-Dimensional Tooth Models with Pulp Cavity Enhance Dental Anatomy Education. Anatomical Sciences Education, 2022, 15, 566-575.	2.5	8
78	Epigenome-wide gene-age interaction analysis reveals reversed effects of <i>PRODHDNA</i> methylation on survival between young and elderly early-stage NSCLC patients. Aging, 2020, 12, 10642-10662.	1.4	8
79	Diagnostic and prognostic values of endothelial-cell-specific molecule-1 with malignant pleural effusions in patients with non-small cell lung cancer. Oncotarget, 2017, 8, 49217-49223.	0.8	8
80	Polymorphisms of the centrosomal gene ( <i>FGFR1OP</i> ) and lung cancer risk: a meta-analysis of 14 463 cases and 44 188 controls. Carcinogenesis, 2016, 37, 280-289.	1.3	7
81	The Role of MRI Biomarkers and Their Interactions with Cognitive Status and APOE $\epsilon$ 4 in Nondemented Elderly Subjects. Neurodegenerative Diseases, 2018, 18, 270-280.	0.8	7
82	Mendelian Randomization With Refined Instrumental Variables From Genetic Score Improves Accuracy and Reduces Bias. Frontiers in Genetics, 2021, 12, 618829.	1.1	7
83	Optimal, minimax and admissible two-stage design for phase II oncology clinical trials. BMC Medical Research Methodology, 2020, 20, 126.	1.4	7
84	Impact of chromosome 12p13 variants on ischemic stroke risk. International Journal of Neuroscience, 2016, 126, 856-862.	0.8	6
85	A fast algorithm for Bayesian multi-locus model in genome-wide association studies. Molecular Genetics and Genomics, 2017, 292, 923-934.	1.0	5
86	Mouse nerve growth factor promotes neurological recovery in patients with acute intracerebral hemorrhage: A proof-of-concept study. Journal of the Neurological Sciences, 2020, 418, 117069.	0.3	4
87	Appealing for efficient, well organized clinical trials on COVID-19. Annals of Translational Medicine, 2020, 8, 632-632.	0.7	4
88	Parathyroidectomy Is Associated With Reversed Nondipping Heart Rate That Impacts Mortality in Chronic Kidney Disease Patients. Endocrine Practice, 2022, 28, 148-158.	1.1	4
89	Antagonistic effect of early stage zinc on arsenic toxicity induced preterm birth during pregnancy: evidence from a rural Bangladesh birth cohort. Chinese Medical Journal, 2021, 134, 619-621.	0.9	4
90	Epigenome-wide three-way interaction study identifies a complex pattern between <i>TRIM27</i> , <i>KIAA0226</i> , and smoking associated with overall survival of early-stage NSCLC. Molecular Oncology, 2022, 16, 717-731.	2.1	4

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91	Association between cardiothoracic ratio, left ventricular size and systolic function in patients undergoing computed tomography coronary angiography. <i>Experimental and Therapeutic Medicine</i> , 2014, 8, 1757-1763.	0.8	3
92	Transmission dynamics model and the coronavirus disease 2019 epidemic: applications and challenges. <i>Medical Review</i> , 2022, 2, 89-109.	0.3	3
93	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.	1.0	2
94	Risk Assessment for Longitudinal Trajectories of Modifiable Lifestyle Factors on Chronic Kidney Disease Burden in China: A Population-based Study. <i>Journal of Epidemiology</i> , 2022, 32, 449-455.	1.1	2
95	Pulmonary Artery Size Measurements: A Comparison Study Between Electrocardiogram-Gated and Nonelectrocardiogram-Gated Computed Tomography. <i>Journal of Computer Assisted Tomography</i> , 2021, 45, 415-420.	0.5	2
96	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.	1.3	2
97	Integrative eQTL-weighted hierarchical Cox models for SNP-set based time-to-event association studies. <i>Journal of Translational Medicine</i> , 2021, 19, 418.	1.8	2
98	Which can predict left ventricular size and systolic function: Cardiothoracic ratio or transverse cardiac diameter. <i>Journal of X-Ray Science and Technology</i> , 2015, 23, 557-565.	0.7	1
99	Forecasting of COVID-19: transmission models and beyond. <i>Journal of Thoracic Disease</i> , 2020, 12, 1762-1765.	0.6	1
100	Response. <i>Gastrointestinal Endoscopy</i> , 2022, 95, 811.	0.5	1
101	Growth trajectories and cluster features of the human fetal brain estimated by signal intensity from sBTfE sequence in utero MRI. <i>Chinese Journal of Academic Radiology</i> , 2019, 1, 63-73.	0.4	0
102	Response. <i>Gastrointestinal Endoscopy</i> , 2022, 95, 812-813.	0.5	0