

# Yong Zhou

## List of Publications by Year in descending order

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115  
papers

3,836  
citations

136740

32  
h-index

155451

55  
g-index

117  
all docs

117  
docs citations

117  
times ranked

6484  
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinically Applicable AI System for Accurate Diagnosis, Quantitative Measurements, and Prognosis of COVID-19 Pneumonia Using Computed Tomography. <i>Cell</i> , 2020, 181, 1423-1433.e11.	13.5	638
2	Latent TGF- $\beta$ 2 binding protein 3 identifies a second heart field in zebrafish. <i>Nature</i> , 2011, 474, 645-648.	13.7	227
3	Ideal Cardiovascular Health Metrics and the Risks of Ischemic and Intracerebral Hemorrhagic Stroke. <i>Stroke</i> , 2013, 44, 2451-2456.	1.0	186
4	Serpine 1 induces alveolar type II cell senescence through activating p53-p21-Rb pathway in fibrotic lung disease. <i>Aging Cell</i> , 2017, 16, 1114-1124.	3.0	146
5	Deep-learning models for the detection and incidence prediction of chronic kidney disease and type 2 diabetes from retinal fundus images. <i>Nature Biomedical Engineering</i> , 2021, 5, 533-545.	11.6	121
6	Identification and Analysis of Human Sex-biased MicroRNAs. <i>Genomics, Proteomics and Bioinformatics</i> , 2018, 16, 200-211.	3.0	88
7	China suboptimal health cohort study: rationale, design and baseline characteristics. <i>Journal of Translational Medicine</i> , 2016, 14, 291.	1.8	78
8	Interspinous Spacer versus Traditional Decompressive Surgery for Lumbar Spinal Stenosis: A Systematic Review and Meta-Analysis. <i>PLoS ONE</i> , 2014, 9, e97142.	1.1	73
9	Illuminating NAD <sup>+</sup> Metabolism in Live Cells and In Vivo Using a Genetically Encoded Fluorescent Sensor. <i>Developmental Cell</i> , 2020, 53, 240-252.e7.	3.1	71
10	Outdoor Temperature, Heart Rate and Blood Pressure in Chinese Adults: Effect Modification by Individual Characteristics. <i>Scientific Reports</i> , 2016, 6, 21003.	1.6	70
11	Ischemic stroke is associated with the pro-inflammatory potential of N-glycosylated immunoglobulin G. <i>Journal of Neuroinflammation</i> , 2018, 15, 123.	3.1	65
12	Mitochondria and oxidative stress in ovarian endometriosis. <i>Free Radical Biology and Medicine</i> , 2019, 136, 22-34.	1.3	60
13	Chitosan microspheres with an extracellular matrix-mimicking nanofibrous structure as cell-carrier building blocks for bottom-up cartilage tissue engineering. <i>Nanoscale</i> , 2016, 8, 309-317.	2.8	58
14	miR-142-3p acts as an essential modulator of neutrophil development in zebrafish. <i>Blood</i> , 2014, 124, 1320-1330.	0.6	56
15	Telomere Dysfunction Disturbs Macrophage Mitochondrial Metabolism and the NLRP3 Inflammasome through the PGC-1 $\alpha$ /TNFAIP3 Axis. <i>Cell Reports</i> , 2018, 22, 3493-3506.	2.9	55
16	Asymptomatic Polyvascular Abnormalities in Community (APAC) Study in China: Objectives, Design and Baseline Characteristics. <i>PLoS ONE</i> , 2013, 8, e84685.	1.1	54
17	Association between Ideal Cardiovascular Health Metrics and Suboptimal Health Status in Chinese Population. <i>Scientific Reports</i> , 2017, 7, 14975.	1.6	50
18	Lipid Profile Features and Their Associations With Disease Severity and Mortality in Patients With COVID-19. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 584987.	1.1	50

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19	Fine-Tuning of PGC1 $\alpha$ Expression Regulates Cardiac Function and Longevity. <i>Circulation Research</i> , 2019, 125, 707-719.	2.0	47
20	A far-upstream AP-1/Smad binding box regulates human NOX4 promoter activation by transforming growth factor- $\beta$ . <i>Gene</i> , 2014, 540, 62-67.	1.0	45
21	Three-dimensional facial-image analysis to predict heterogeneity of the human ageing rate and the impact of lifestyle. <i>Nature Metabolism</i> , 2020, 2, 946-957.	5.1	45
22	Prevalence, knowledge, and treatment of transient ischemic attacks in China. <i>Neurology</i> , 2015, 84, 2354-2361.	1.5	41
23	Telomere Length and Accelerated Biological Aging in the China Suboptimal Health Cohort: A Caseâ€“Control Study. <i>OMICS A Journal of Integrative Biology</i> , 2017, 21, 333-339.	1.0	40
24	Relationship between C - Reactive Protein and Stroke: A Large Prospective Community Based Study. <i>PLoS ONE</i> , 2014, 9, e107017.	1.1	39
25	A prospective cohort study of lesion location and its relation to post-stroke depression among Chinese patients. <i>Journal of Affective Disorders</i> , 2012, 136, e83-e87.	2.0	38
26	Premature Termination Codon Read-Through in the ABCC6 Gene: Potential Treatment for Pseudoxanthoma Elasticum. <i>Journal of Investigative Dermatology</i> , 2013, 133, 2672-2677.	0.3	38
27	Air pollution and fasting blood glucose: A longitudinal study in China. <i>Science of the Total Environment</i> , 2016, 541, 750-755.	3.9	38
28	Resting Heart Rate and Risk of Cardiovascular Diseases and All-Cause Death: The Kailuan Study. <i>PLoS ONE</i> , 2014, 9, e110985.	1.1	38
29	Hypertriglyceridemic waist phenotype and risk of cardiovascular diseases in China: Results from the Kailuan Study. <i>International Journal of Cardiology</i> , 2014, 174, 106-109.	0.8	37
30	Suboptimal health status as an independent risk factor for type 2 diabetes mellitus in a community-based cohort: the China suboptimal health cohort study. <i>EPMA Journal</i> , 2019, 10, 65-72.	3.3	37
31	The Association between Serum Uric Acid Levels and the Prevalence of Vulnerable Atherosclerotic Carotid Plaque: A Cross-sectional Study. <i>Scientific Reports</i> , 2015, 5, 10003.	1.6	35
32	A deep-learning system predicts glaucoma incidence and progression using retinal photographs. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	35
33	Association between IGF2BP2 Polymorphisms and Type 2 Diabetes Mellitus: A Caseâ€“Control Study and Meta-Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 574.	1.2	34
34	Association between insomnia and atrial fibrillation in a Chinese population: A crossâ€“sectional study. <i>Clinical Cardiology</i> , 2017, 40, 765-769.	0.7	34
35	Association between nonalcoholic fatty liver disease and subclinical atherosclerosis: a cross-sectional study on population over 40 years old. <i>BMC Cardiovascular Disorders</i> , 2018, 18, 147.	0.7	33
36	Validation of Type 2 Diabetes Risk Variants Identified by Genome-Wide Association Studies in Northern Han Chinese. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 863.	1.2	32

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37	Association of Ideal Cardiovascular Health and Brachial Ankle Pulse Wave Velocity: A Cross-Sectional Study in Northern China. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016, 25, 41-48.	0.7	32
38	Limb development genes underlie variation in human fingerprint patterns. <i>Cell</i> , 2022, 185, 95-112.e18.	13.5	30
39	Cystathionine beta synthase-hydrogen sulfide system in paraventricular nucleus reduced high fatty diet induced obesity and insulin resistance by brain-adipose axis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 3281-3291.	1.8	29
40	Associations between non-traditional lipid measures and risk for type 2 diabetes mellitus in a Chinese community population: a cross-sectional study. <i>Lipids in Health and Disease</i> , 2016, 15, 70.	1.2	28
41	Screening for potential serum-based proteomic biomarkers for human type 2 diabetes mellitus using MALDI-TOF MS. <i>Proteomics - Clinical Applications</i> , 2017, 11, 1600079.	0.8	28
42	Association between serum uric acid and atrial fibrillation: a cross-sectional community-based study in China. <i>BMJ Open</i> , 2017, 7, e019037.	0.8	28
43	Tanshinone IIA induces apoptosis of ovarian cancer cells in vitro and in vivo through attenuation of PI3K/AKT/JNK signaling pathways. <i>Oncology Letters</i> , 2018, 17, 1896-1902.	0.8	27
44	Association between high-sensitivity C-reactive protein, lipoprotein-associated phospholipase A2 and carotid atherosclerosis: A cross-sectional study. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 5145-5150.	1.6	26
45	Emerging malnutrition during hospitalisation independently predicts poor 3-month outcomes after acute stroke: data from a Chinese cohort. <i>Asia Pacific Journal of Clinical Nutrition</i> , 2015, 24, 379-86.	0.3	26
46	Nonalcoholic Fatty Liver Disease and Coronary Artery Calcification in a Northern Chinese Population: a Cross Sectional Study. <i>Scientific Reports</i> , 2017, 7, 9933.	1.6	25
47	Longitudinal association between serum uric acid levels and multiterritorial atherosclerosis. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 4970-4979.	1.6	25
48	Effect of Menopausal Status on Carotid Intima-Media Thickness and Presence of Carotid Plaque in Chinese Women Generation Population. <i>Scientific Reports</i> , 2015, 5, 8076.	1.6	24
49	IGFBP, a novel target of lung cancer?. <i>Clinica Chimica Acta</i> , 2017, 466, 172-177.	0.5	24
50	Validation of novel automatic ultra-wideband radar for sleep apnea detection. <i>Journal of Thoracic Disease</i> , 2020, 12, 1286-1295.	0.6	24
51	Homocysteine and Carotid Plaque Stability: A Cross-Sectional Study in Chinese Adults. <i>PLoS ONE</i> , 2014, 9, e94935.	1.1	24
52	Asymptomatic Extracranial Artery Stenosis and the Risk of Cardiovascular and Cerebrovascular Diseases. <i>Scientific Reports</i> , 2016, 6, 33960.	1.6	22
53	Association between Insomnia and Metabolic Syndrome in a Chinese Han Population: A Cross-sectional Study. <i>Scientific Reports</i> , 2017, 7, 10893.	1.6	22
54	Asymptomatic polyvascular disease and the risks of cardiovascular events and all-cause death. <i>Atherosclerosis</i> , 2017, 262, 1-7.	0.4	20

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55	Elevated fasting glucose as a potential predictor for asymptomatic cerebral artery stenosis: A cross-sectional study in Chinese adults. <i>Atherosclerosis</i> , 2014, 237, 661-665.	0.4	19
56	Association between earthquake experience and depression 37 years after the Tangshan earthquake: a cross-sectional study. <i>BMJ Open</i> , 2019, 9, e026110.	0.8	19
57	Association between modifiable lifestyle and the prevalence of atrial fibrillation in a Chinese population: Based on the cardiovascular health score. <i>Clinical Cardiology</i> , 2017, 40, 1061-1067.	0.7	18
58	The Association between Ideal Cardiovascular Health Metrics and Extracranial Carotid Artery Stenosis in a Northern Chinese Population: A Cross-Sectional Study. <i>Scientific Reports</i> , 2016, 6, 31720.	1.6	16
59	Epicardial adipose tissue volume is associated with non-alcoholic fatty liver disease and cardiovascular risk factors in the general population. <i>Therapeutics and Clinical Risk Management</i> , 2018, Volume 14, 1499-1506.	0.9	16
60	Association between Serum Uric Acid and Non-Alcoholic Fatty Liver Disease according to Different Menstrual Status Groups. <i>Canadian Journal of Gastroenterology and Hepatology</i> , 2019, 2019, 1-7.	0.8	16
61	Genome Wide Association Study Identifies L3MBTL4 as a Novel Susceptibility Gene for Hypertension. <i>Scientific Reports</i> , 2016, 6, 30811.	1.6	15
62	Asymptomatic carotid artery stenosis and retinal nerve fiber layer thickness. A community-based, observational study. <i>PLoS ONE</i> , 2017, 12, e0177277.	1.1	15
63	Association between Nonalcoholic Fatty Liver Disease and Carotid Artery Disease in a Community-Based Chinese Population. <i>Chinese Medical Journal</i> , 2018, 131, 2269-2276.	0.9	15
64	Ideal cardiovascular health metrics and the risk of non-alcoholic fatty liver disease: A cross-sectional study in northern China. <i>Liver International</i> , 2019, 39, 950-955.	1.9	15
65	Evaluation of the relationship between cognitive impairment and suboptimal health status in a northern Chinese population: a cross-sectional study. <i>Journal of Global Health</i> , 2020, 10, 010804.	1.2	15
66	Large-scale in silico identification of drugs exerting sex-specific effects in the heart. <i>Journal of Translational Medicine</i> , 2018, 16, 236.	1.8	14
67	Pulmonary vascular involvement of IgG4-related disease. <i>Medicine (United States)</i> , 2019, 98, e14437.	0.4	14
68	Ezrin T567 phosphorylation regulates migration and invasion of ectopic endometrial stromal cells by changing actin cytoskeleton. <i>Life Sciences</i> , 2020, 254, 117681.	2.0	14
69	Effect of advanced age on plasma homocysteine levels and its association with ischemic stroke in non-valvular atrial fibrillation. <i>Journal of Geriatric Cardiology</i> , 2017, 14, 743-749.	0.2	14
70	Elevated Plasma Total Cholesterol Level Is Associated with the Risk of Asymptomatic Intracranial Arterial Stenosis. <i>PLoS ONE</i> , 2014, 9, e101232.	1.1	14
71	Association of Human Whole Blood NAD <sup>+</sup> Contents With Aging. <i>Frontiers in Endocrinology</i> , 2022, 13, 829658.	1.5	14
72	Homocysteine and Its Relationship to Asymptomatic Carotid Stenosis in a Chinese Community Population. <i>Scientific Reports</i> , 2016, 6, 37361.	1.6	13

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73	Association of Lipoprotein-Associated Phospholipase A2 with the Prevalence of Nonalcoholic Fatty Liver Disease: A Result from the APAC Study. <i>Scientific Reports</i> , 2018, 8, 10127.	1.6	13
74	Gender differences in the relationship between alcohol consumption and insomnia in the northern Chinese population. <i>PLoS ONE</i> , 2018, 13, e0207392.	1.1	12
75	Dyslipidemia Is Related to Mortality in Critical Patients With Coronavirus Disease 2019: A Retrospective Study. <i>Frontiers in Endocrinology</i> , 2021, 12, 611526.	1.5	12
76	Jidong cognitive impairment cohort study: objectives, design, and baseline screening. <i>Neural Regeneration Research</i> , 2020, 15, 1111.	1.6	12
77	Associations Between Abdominal Obesity Indices and Nonalcoholic Fatty Liver Disease: Chinese Visceral Adiposity Index. <i>Frontiers in Endocrinology</i> , 2022, 13, 831960.	1.5	12
78	Quantification of Von Willebrand Factor Cleavage by adamts-13 in Patients Supported by Left Ventricular Assist Devices. <i>ASAIO Journal</i> , 2017, 63, 849-853.	0.9	11
79	Polymorphisms of genes related to vitamin D metabolism and transportation and its relationship with the risk of osteoporosis: protocol for a multicentre prospective cohort study in China. <i>BMJ Open</i> , 2019, 9, e028084.	0.8	11
80	Tea Consumption is Associated with Increased Risk of Kidney Stones in Northern Chinese: A Cross-sectional Study. <i>Biomedical and Environmental Sciences</i> , 2017, 30, 922-926.	0.2	11
81	Parity and serum lipid levels: a cross-sectional study in chinese female adults. <i>Scientific Reports</i> , 2016, 6, 33831.	1.6	10
82	Association of lipoprotein-associated phospholipase A2 mass with asymptomatic cerebral artery stenosis. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 2329-2336.	1.6	10
83	The effects of acupuncture on pregnancy outcomes of in vitro fertilization with embryo transfer: An interdisciplinary systematic review. <i>Journal of Gynecology Obstetrics and Human Reproduction</i> , 2019, 48, 677-684.	0.6	10
84	Carotid Atherosclerosis, Cerebrospinal Fluid Pressure, and Retinal Vessel Diameters: The Asymptomatic Polyvascular Abnormalities in Community Study. <i>PLoS ONE</i> , 2016, 11, e0166993.	1.1	10
85	FAM122A supports the growth of hepatocellular carcinoma cells and its deletion enhances Doxorubicin-induced cytotoxicity. <i>Experimental Cell Research</i> , 2020, 387, 111714.	1.2	9
86	FAM3C activates HSF1 to suppress hepatic gluconeogenesis and attenuate hyperglycemia of type 1 diabetic mice. <i>Oncotarget</i> , 2017, 8, 106038-106049.	0.8	9
87	A Herlyn-Werner-Wunderlich Syndrome Variant with Ipsilateral Renal Absence and a Contralateral Duplex Collecting System in a 26-Year-Old Female. <i>Gynecologic and Obstetric Investigation</i> , 2014, 77, 137-140.	0.7	8
88	Relation of serum uric acid to asymptomatic proximal extracranial artery stenosis in a middle-aged Chinese population: a community-based cross-sectional study. <i>BMJ Open</i> , 2018, 8, e020681.	0.8	8
89	Babaodan controls excessive immune responses and may represent a cytokine-targeted agent suitable for COVID-19 treatment. <i>Biomedicine and Pharmacotherapy</i> , 2021, 139, 111586.	2.5	7
90	USP16-mediated histone H2A lysine-119 deubiquitination during oocyte maturation is a prerequisite for zygotic genome activation. <i>Nucleic Acids Research</i> , 2022, 50, 5599-5616.	6.5	7

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91	Clinical management of pediatric aggressive fibromatosis involving the mandible. <i>Pediatric Blood and Cancer</i> , 2012, 59, 648-651.	0.8	6
92	Unsupervised Detection of Pulmonary Opacities for Computer-Aided Diagnosis of COVID-19 on CT Images. , 2021, , .		6
93	A Genome-Wide Scan on Individual Typology Angle Found Variants at SLC24A2 Associated with Skin Color Variation in Chinese Populations. <i>Journal of Investigative Dermatology</i> , 2022, 142, 1223-1227.e14.	0.3	6
94	Chidamide and apatinib are therapeutically synergistic in acute myeloid leukemia stem and progenitor cells. <i>Experimental Hematology and Oncology</i> , 2022, 11, 29.	2.0	6
95	Population-based Cohort Study in Outcome of Phased Progression of Atherosclerosis in China (PERSUADE): objective, rationale and design. <i>Journal of Geriatric Cardiology</i> , 2017, 14, 491-495.	0.2	5
96	Association between NAD <sup>+</sup> levels and anaemia among women in community-based study. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 2698-2705.	1.6	5
97	Effect of Body Mass Index on the Associations between Parity and Metabolic Syndrome and its Components among Northern Chinese Women. <i>Biomedical and Environmental Sciences</i> , 2020, 33, 11-18.	0.2	5
98	Using the Protein Chip to Screen Agonists and Antagonists of the Androgen Receptor. <i>Journal of Biomolecular Screening</i> , 2008, 13, 276-284.	2.6	4
99	Association between Elevated Resting Heart Rate and Metabolic Syndrome in a Community-Based Population. <i>Chinese Medical Journal</i> , 2018, 131, 1003-1004.	0.9	4
100	Low-dose triptolide enhances antitumor effect of JQ1 on acute myeloid leukemia through inhibiting RNA polymerase II in vitro and in vivo. <i>Molecular Carcinogenesis</i> , 2020, 59, 1076-1087.	1.3	4
101	Therapeutic synergy of Triptolide and MDM2 inhibitor against acute myeloid leukemia through modulation of p53-dependent and -independent pathways. <i>Experimental Hematology and Oncology</i> , 2022, 11, 23.	2.0	4
102	Annotation and curation of the causality information in LncRNADisease. <i>Database: the Journal of Biological Databases and Curation</i> , 2020, 2020, .	1.4	3
103	Possible association of ACE gene I/D polymorphism with blood pressure-lowering response to hydrochlorothiazide. <i>Biomedical and Environmental Sciences</i> , 2007, 20, 351-6.	0.2	3
104	Association between Physical Activity and Telomere Length in a North Chinese Population: A China Suboptimal Health Cohort Study. <i>Biomedical and Environmental Sciences</i> , 2018, 31, 394-398.	0.2	3
105	Control of Blood Pressure and Risk of Cardiovascular Disease and Mortality in Elderly Chinese: A Real-World Prospective Cohort Study. <i>Hypertension</i> , 2022, 79, 1866-1875.	1.3	3
106	Biomarkers for Prediction of Cardiovascular Events in Community-Dwelling Adults Aged 40 or Older. <i>International Heart Journal</i> , 2020, 61, 109-114.	0.5	2
107	Pharmacological targeting PIKfyve and tubulin as an effective treatment strategy for double-hit lymphoma. <i>Cell Death Discovery</i> , 2022, 8, 39.	2.0	2
108	Blood tests for prediction of deep endometriosis: A case-control study. <i>World Journal of Clinical Cases</i> , 2021, 9, 10805-10815.	0.3	2

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109	Protocol of Jidong Women Health Cohort Study: Rationale, Design, and Baseline Characteristics. Biomedical and Environmental Sciences, 2019, 32, 144-152.	0.2	2
110	Association between Parity, Carotid Plaques, and Intima Media Thickness in Northern Chinese Women. Biomedical and Environmental Sciences, 2021, 34, 416-420.	0.2	2
111	N-ethylmaleimide-sensitive factor siRNA inhibits the release of Weibel-Palade bodies in endothelial cells. Molecular Medicine Reports, 2016, 14, 1061-1066.	1.1	1
112	Association between Serum Alkaline Phosphatase and Carotid Atherosclerosis in a Chinese Population: A Community-based Cross-sectional Study. Biomedical and Environmental Sciences, 2019, 32, 446-453.	0.2	1
113	The Use of Lipoprotein-Associated Phospholipase A2 in a Chinese Population to Predict Cardiovascular Events.. Biomedical and Environmental Sciences, 2022, 35, 206-214.	0.2	1
114	Low-Dose Triptolide Promotes MDM2 Inhibitor Nutlin3a to Induce Acute Myeloid Leukemia Cell Death Via p53-Dependent and -Independent Mechanisms. Blood, 2020, 136, 24-24.	0.6	0
115	Protocol of a Prospective Cohort Study of Physical Activity in Cardiovascular Outcomes (PACVO) in China: Objective, Design, and Baseline Characteristics. Journal of Cardiovascular Translational Research, 2022, , 1.	1.1	0