

Yong Zhou

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.

110
papers

2,273
citations

26
h-index

43
g-index

117
ext. papers

3,018
ext. citations

6
avg, IF

4.71
L-index

#	Paper	IF	Citations
110	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	56.2	314
109	Latent TGF- β -binding protein 3 identifies a second heart field in zebrafish. <i>Nature</i> , 2011 , 474, 645-8	50.4	184
108	Ideal cardiovascular health metrics and the risks of ischemic and intracerebral hemorrhagic stroke. <i>Stroke</i> , 2013 , 44, 2451-6	6.7	130
107	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	9.9	79
106	Identification and Analysis of Human Sex-biased MicroRNAs. <i>Genomics, Proteomics and Bioinformatics</i> , 2018 , 16, 200-211	6.5	61
105	Interspinous spacer versus traditional decompressive surgery for lumbar spinal stenosis: a systematic review and meta-analysis. <i>PLoS ONE</i> , 2014 , 9, e97142	3.7	57
104	Asymptomatic polyvascular abnormalities in community (APAC) study in China: objectives, design and baseline characteristics. <i>PLoS ONE</i> , 2013 , 8, e84685	3.7	50
103	China suboptimal health cohort study: rationale, design and baseline characteristics. <i>Journal of Translational Medicine</i> , 2016 , 14, 291	8.5	48
102	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, 309-17	7.7	46
101	miR-142-3p acts as an essential modulator of neutrophil development in zebrafish. <i>Blood</i> , 2014 , 124, 1320-30	2.2	44
100	Outdoor Temperature, Heart Rate and Blood Pressure in Chinese Adults: Effect Modification by Individual Characteristics. <i>Scientific Reports</i> , 2016 , 6, 21003	4.9	43
99	A far-upstream AP-1/Smad binding box regulates human NOX4 promoter activation by transforming growth factor- β . <i>Gene</i> , 2014 , 540, 62-7	3.8	42
98	Ischemic stroke is associated with the pro-inflammatory potential of N-glycosylated immunoglobulin G. <i>Journal of Neuroinflammation</i> , 2018 , 15, 123	10.1	40
97	Resting heart rate and risk of cardiovascular diseases and all-cause death: the Kailuan study. <i>PLoS ONE</i> , 2014 , 9, e110985	3.7	34
96	Prevalence, knowledge, and treatment of transient ischemic attacks in China. <i>Neurology</i> , 2015 , 84, 2354-61	6.5	32
95	Illuminating NAD Metabolism in Live Cells and In Vivo Using a Genetically Encoded Fluorescent Sensor. <i>Developmental Cell</i> , 2020 , 53, 240-252.e7	10.2	32
94	Association between Ideal Cardiovascular Health Metrics and Suboptimal Health Status in Chinese Population. <i>Scientific Reports</i> , 2017 , 7, 14975	4.9	32

93	Relationship between C-reactive protein and stroke: a large prospective community based study. <i>PLoS ONE</i> , 2014 , 9, e107017	3.7	32
92	Telomere Dysfunction Disturbs Macrophage Mitochondrial Metabolism and the NLRP3 Inflammasome through the PGC-1 β /TNFAIP3 Axis. <i>Cell Reports</i> , 2018 , 22, 3493-3506	10.6	31
91	Premature termination codon read-through in the ABCC6 gene: potential treatment for pseudoxanthoma elasticum. <i>Journal of Investigative Dermatology</i> , 2013 , 133, 2672-2677	4.3	31
90	Mitochondria and oxidative stress in ovarian endometriosis. <i>Free Radical Biology and Medicine</i> , 2019 , 136, 22-34	7.8	30
89	Air pollution and fasting blood glucose: A longitudinal study in China. <i>Science of the Total Environment</i> , 2016 , 541, 750-755	10.2	28
88	Telomere Length and Accelerated Biological Aging in the China Suboptimal Health Cohort: A Case-Control Study. <i>OMICS A Journal of Integrative Biology</i> , 2017 , 21, 333-339	3.8	27
87	Hypertriglyceridemic waist phenotype and risk of cardiovascular diseases in China: results from the Kailuan Study. <i>International Journal of Cardiology</i> , 2014 , 174, 106-9	3.2	27
86	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	6.6	27
85	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	4.9	26
84	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	5.4	26
83	Association between IGF2BP2 Polymorphisms and Type 2 Diabetes Mellitus: A Case-Control Study and Meta-Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2016 , 13,	4.6	25
82	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, 41-8	2.8	24
81	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	4.4	23
80	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	1	23
79	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	3.1	21
78	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	8.8	20
77	Association between Insomnia and Metabolic Syndrome in a Chinese Han Population: A Cross-sectional Study. <i>Scientific Reports</i> , 2017 , 7, 10893	4.9	20
76	Association between insomnia and atrial fibrillation in a Chinese population: A cross-sectional study. <i>Clinical Cardiology</i> , 2017 , 40, 765-769	3.3	19

75	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	5.6	19
74	Homocysteine and carotid plaque stability: a cross-sectional study in Chinese adults. <i>PLoS ONE</i> , 2014 , 9, e94935	3.7	19
73	IGFBP, a novel target of lung cancer?. <i>Clinica Chimica Acta</i> , 2017 , 466, 172-177	6.2	18
72	Association between serum uric acid and atrial fibrillation: a cross-sectional community-based study in China. <i>BMJ Open</i> , 2017 , 7, e019037	3	18
71	Tanshinone IIA induces apoptosis of ovarian cancer cells and through attenuation of PI3K/AKT/JNK signaling pathways. <i>Oncology Letters</i> , 2019 , 17, 1896-1902	2.6	18
70	Fine-Tuning of PGC1 α Expression Regulates Cardiac Function and Longevity. <i>Circulation Research</i> , 2019 , 125, 707-719	15.7	17
69	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	4.9	17
68	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	2.3	16
67	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	6.9	16
66	Nonalcoholic Fatty Liver Disease and Coronary Artery Calcification in a Northern Chinese Population: a Cross Sectional Study. <i>Scientific Reports</i> , 2017 , 7, 9933	4.9	16
65	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	19	16
64	Asymptomatic Extracranial Artery Stenosis and the Risk of Cardiovascular and Cerebrovascular Diseases. <i>Scientific Reports</i> , 2016 , 6, 33960	4.9	15
63	Validation of novel automatic ultra-wideband radar for sleep apnea detection. <i>Journal of Thoracic Disease</i> , 2020 , 12, 1286-1295	2.6	14
62	Asymptomatic polyvascular disease and the risks of cardiovascular events and all-cause death. <i>Atherosclerosis</i> , 2017 , 262, 1-7	3.1	13
61	Longitudinal association between serum uric acid levels and multiterritorial atherosclerosis. <i>Journal of Cellular and Molecular Medicine</i> , 2019 , 23, 4970-4979	5.6	13
60	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	4.9	13
59	Elevated fasting glucose as a potential predictor for asymptomatic cerebral artery stenosis: a cross-sectional study in Chinese adults. <i>Atherosclerosis</i> , 2014 , 237, 661-5	3.1	13
58	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	3.3	12

57	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	1.7	12
56	Genome Wide Association Study Identifies L3MBTL4 as a Novel Susceptibility Gene for Hypertension. <i>Scientific Reports</i> , 2016 , 6, 30811	4.9	11
55	Asymptomatic carotid artery stenosis and retinal nerve fiber layer thickness. A community-based, observational study. <i>PLoS ONE</i> , 2017 , 12, e0177277	3.7	10
54	Elevated plasma total cholesterol level is associated with the risk of asymptomatic intracranial arterial stenosis. <i>PLoS ONE</i> , 2014 , 9, e101232	3.7	10
53	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 , 14, 1499-1506	2.9	10
52	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	4.9	10
51	Association between earthquake experience and depression 37 years after the Tangshan earthquake: a cross-sectional study. <i>BMJ Open</i> , 2019 , 9, e026110	3	9
50	Large-scale in silico identification of drugs exerting sex-specific effects in the heart. <i>Journal of Translational Medicine</i> , 2018 , 16, 236	8.5	9
49	Jidong cognitive impairment cohort study: objectives, design, and baseline screening. <i>Neural Regeneration Research</i> , 2020 , 15, 1111-1119	4.5	8
48	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, 2763093	2.8	8
47	Pulmonary vascular involvement of IgG4-related disease: Case series with a PRISMA-compliant systemic review. <i>Medicine (United States)</i> , 2019 , 98, e14437	1.8	8
46	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	7.9	7
45	Association of lipoprotein-associated phospholipase A2 mass with asymptomatic cerebral artery stenosis. <i>Journal of Cellular and Molecular Medicine</i> , 2018 , 22, 2329-2336	5.6	7
44	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, 137-405	2.5	7
43	Carotid Atherosclerosis, Cerebrospinal Fluid Pressure, and Retinal Vessel Diameters: The Asymptomatic Polyvascular Abnormalities in Community Study. <i>PLoS ONE</i> , 2016 , 11, e0166993	3.7	7
42	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	14.6	7
41	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,	4.6	7
40	Association between Nonalcoholic Fatty Liver Disease and Carotid Artery Disease in a Community-Based Chinese Population: A Cross-Sectional Study. <i>Chinese Medical Journal</i> , 2018 , 131, 2269-2276	2.9	7

39	Gender differences in the relationship between alcohol consumption and insomnia in the northern Chinese population. <i>PLoS ONE</i> , 2018 , 13, e0207392	3.7	7
38	Homocysteine and Its Relationship to Asymptomatic Carotid Stenosis in a Chinese Community Population. <i>Scientific Reports</i> , 2016 , 6, 37361	4.9	6
37	Parity and serum lipid levels: a cross-sectional study in chinese female adults. <i>Scientific Reports</i> , 2016 , 6, 33831	4.9	6
36	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	1.9	6
35	Clinical management of pediatric aggressive fibromatosis involving the mandible. <i>Pediatric Blood and Cancer</i> , 2012 , 59, 648-51	3	6
34	FAM3C activates HSF1 to suppress hepatic gluconeogenesis and attenuate hyperglycemia of type 1 diabetic mice. <i>Oncotarget</i> , 2017 , 8, 106038-106049	3.3	6
33	Ezrin T567 phosphorylation regulates migration and invasion of ectopic endometrial stromal cells by changing actin cytoskeleton. <i>Life Sciences</i> , 2020 , 254, 117681	6.8	5
32	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	3.6	5
31	FAM122A supports the growth of hepatocellular carcinoma cells and its deletion enhances Doxorubicin-induced cytotoxicity. <i>Experimental Cell Research</i> , 2020 , 387, 111714	4.2	5
30	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	4.3	5
29	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	1.7	4
28	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	3	4
27	Association between Elevated Resting Heart Rate and Metabolic Syndrome in a Community-Based Population. <i>Chinese Medical Journal</i> , 2018 , 131, 1003-1004	2.9	4
26	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	7.5	4
25	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	1.1	4
24	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	3	3
23	Using the protein chip to screen agonists and antagonists of the androgen receptor. <i>Journal of Biomolecular Screening</i> , 2008 , 13, 276-84		3
22	Dyslipidemia Is Related to Mortality in Critical Patients With Coronavirus Disease 2019: A Retrospective Study. <i>Frontiers in Endocrinology</i> , 2021 , 12, 611526	5.7	3

21	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	1.1	3
20	Annotation and curation of the causality information in LncRNADisease. <i>Database: the Journal of Biological Databases and Curation</i> , 2020 , 2020,	5	2
19	Limb development genes underlie variation in human fingerprint patterns.. <i>Cell</i> , 2022 , 185, 95-112.e18	56.2	2
18	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	5	2
17	Unsupervised Detection of Pulmonary Opacities for Computer-Aided Diagnosis of COVID-19 on CT Images 2021 ,		2
16	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	1.1	2
15	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	1.1	2
14	Pharmacological targeting PIKfyve and tubulin as an effective treatment strategy for double-hit lymphoma.. <i>Cell Death Discovery</i> , 2022 , 8, 39	6.9	1
13	Association of Human Whole Blood NAD Contents With Aging.. <i>Frontiers in Endocrinology</i> , 2022 , 13, 829658	6.58	1
12	N-ethylmaleimide-sensitive factor siRNA inhibits the release of Weibel-Palade bodies in endothelial cells. <i>Molecular Medicine Reports</i> , 2016 , 14, 1061-6	2.9	0
11	Associations Between Abdominal Obesity Indices and Nonalcoholic Fatty Liver Disease: Chinese Visceral Adiposity Index.. <i>Frontiers in Endocrinology</i> , 2022 , 13, 831960	5.7	0
10	Blood tests for prediction of deep endometriosis: A case-control study.. <i>World Journal of Clinical Cases</i> , 2021 , 9, 10805-10815	1.6	0
9	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	7.8	0
8	Chidamide and apatinib are therapeutically synergistic in acute myeloid leukemia stem and progenitor cells.. <i>Experimental Hematology and Oncology</i> , 2022 , 11, 29	7.8	0
7	Low-Dose Triptolide Promotes MDM2 Inhibitor Nutlin3a to Induce Acute Myeloid Leukemia Cell Death Via p53-Dependent and -Independent Mechanisms. <i>Blood</i> , 2020 , 136, 24-24	2.2	
6	Protocol of a Prospective Cohort Study of Physical Activity in Cardiovascular Outcomes (PACVO) in China: Objective, Design, and Baseline Characteristics.. <i>Journal of Cardiovascular Translational Research</i> , 2022 , 1	3.3	
5	Biomarkers for Prediction of Cardiovascular Events in Community-Dwelling Adults Aged 40 or Older. <i>International Heart Journal</i> , 2020 , 61, 109-114	1.8	
4	Protocol of Jidong Women Health Cohort Study: Rationale, Design, and Baseline Characteristics. <i>Biomedical and Environmental Sciences</i> , 2019 , 32, 144-152	1.1	

- 3 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 1.1
- 2 Association between Parity, Carotid Plaques, and Intima Media Thickness in Northern Chinese Women. *Biomedical and Environmental Sciences*, **2021**, 34, 416-420 1.1
- 1 The Use of Lipoprotein-Associated Phospholipase A2 in a Chinese Population to Predict Cardiovascular Events.. *Biomedical and Environmental Sciences*, **2022**, 35, 206-214 1.1