

Tao Zhang

List of Publications by Year in Descending Order

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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.

89
papers

1,806
citations

24
h-index

39
g-index

99
ext. papers

2,345
ext. citations

5.5
avg. IF

4.53
L-index

#	Paper	IF	Citations
89	Intermediate Effects of Body Mass Index and C-Reactive Protein on the Serum Cotinine- Leukocyte Telomere Length Association.. <i>Frontiers in Aging Neuroscience</i> , 2021 , 13, 827465	5.3	3
88	Trajectories of Perioperative Serum Tumor Markers and Colorectal Cancer Outcomes: A Retrospective, Multicenter Longitudinal Cohort Study. <i>EBioMedicine</i> , 2021 , 74, 103706	8.8	0
87	The mediation effect of serum metabolites on the relationship between long-term smoking exposure and esophageal squamous cell carcinoma. <i>BMC Cancer</i> , 2021 , 21, 415	4.8	0
86	Temporal relationship between body mass index and uric acid and their joint impact on blood pressure in children and adults: the Bogalusa Heart Study. <i>International Journal of Obesity</i> , 2021 , 45, 1457-1463 ¹	5.5	1463 ¹
85	A serum metabolomics analysis reveals a panel of screening metabolic biomarkers for esophageal squamous cell carcinoma. <i>Clinical and Translational Medicine</i> , 2021 , 11, e419	5.7	2
84	A multi-ethnic epigenome-wide association study of leukocyte DNA methylation and blood lipids. <i>Nature Communications</i> , 2021 , 12, 3987	17.4	3
83	Association Between Body Weight and Telomere Length Is Predominantly Mediated Through C-Reactive Protein. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, e4634-e4640	5.6	4
82	Temporal and mediation relations of weight loss, and changes in insulin resistance and blood pressure in response to 2-year weight-loss diet interventions: the POUNDS Lost trial. <i>European Journal of Nutrition</i> , 2021 , 1	5.2	1
81	Age-related suppression effect of current body weight on the association between birthweight and blood pressure: The Bogalusa heart study. <i>Pediatric Obesity</i> , 2021 , 16, e12716	4.6	1
80	Serum metabolomics analysis for the progression of esophageal squamous cell carcinoma. <i>Journal of Cancer</i> , 2021 , 12, 3190-3197	4.5	5
79	Blood Pressure and Left Ventricular Geometric Changes: A Directionality Analysis. <i>Hypertension</i> , 2021 , 78, 1259-1266	8.5	0
78	Evaluation of lung tumor motion in a large sample: Target-related and clinical factors influencing tumor motion based on four-dimensional CT. <i>Cancer Medicine</i> , 2021 , 10, 7126-7135	4.8	1
77	Trajectories of perioperative serum carcinoembryonic antigen and colorectal cancer outcome: A retrospective, multicenter longitudinal cohort study. <i>Clinical and Translational Medicine</i> , 2021 , 11, e293	5.7	5
76	Trajectories of early to mid-life adulthood BMI and incident diabetes: the China Health and Nutrition Survey. <i>BMJ Open Diabetes Research and Care</i> , 2020 , 8,	4.5	3
75	Mendelian randomization analysis does not support causal associations of birth weight with hypertension risk and blood pressure in adulthood. <i>European Journal of Epidemiology</i> , 2020 , 35, 685-697 ^{12.1}	12.1	2
74	Identification, Heritability, and Relation With Gene Expression of Novel DNA Methylation Loci for Blood Pressure. <i>Hypertension</i> , 2020 , 76, 195-205	8.5	12
73	Association of Serum Uric Acid with Metabolic Syndrome and Its Components: A Mendelian Randomization Analysis. <i>BioMed Research International</i> , 2020 , 2020, 6238693	3	13

72	Whole blood viscosity is an independent early predictor for metabolic syndrome and its components in men: A prospective cohort study in Northern Chinese population. <i>Clinical Hemorheology and Microcirculation</i> , 2020 ,	2.5	1
71	Causal data fusion methods using summary-level statistics for a continuous outcome. <i>Statistics in Medicine</i> , 2020 , 39, 1054-1067	2.3	1
70	Use of the alkaline phosphatase to prealbumin ratio as an independent predictive factor for the prognosis of gastric cancer. <i>World Journal of Gastroenterology</i> , 2020 , 26, 6963-6978	5.6	2
69	Body mass index across adult life and cognitive function in the American elderly. <i>Aging</i> , 2020 , 12, 9344-9353	3.3	2
68	Dynamic profiles of SARS-Cov-2 infection from five Chinese family clusters in the early stage of the COVID-19 pandemic. <i>Scientific Reports</i> , 2020 , 10, 22048	4.9	3
67	Identification of New Therapeutic Targets for Gastric Cancer With Bioinformatics. <i>Frontiers in Genetics</i> , 2020 , 11, 865	4.5	5
66	Body Mass Index Drives Changes in DNA Methylation: A Longitudinal Study. <i>Circulation Research</i> , 2019 , 125, 824-833	15.7	22
65	Association of Birth Weight With Type 2 Diabetes and Glycemic Traits: A Mendelian Randomization Study. <i>JAMA Network Open</i> , 2019 , 2, e1910915	10.4	14
64	Rate of change in body mass index at different ages during childhood and adult obesity risk. <i>Pediatric Obesity</i> , 2019 , 14, e12513	4.6	14
63	Risk Factors Associated with Precancerous Lesions of Esophageal Squamous Cell Carcinoma: a Screening Study in a High Risk Chinese Population. <i>Journal of Cancer</i> , 2019 , 10, 3284-3290	4.5	10
62	Cardiovascular Disease Risk Across a Spectrum of Adverse Plasma Lipid Combinations by Gender and Glycemic Status. <i>American Journal of Cardiology</i> , 2019 , 124, 702-708	3	3
61	BTF3 sustains cancer stem-like phenotype of prostate cancer via stabilization of BMI1. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019 , 38, 227	12.8	15
60	Body Mass Index Trajectories During Young Adulthood and Incident Hypertension: A Longitudinal Cohort in Chinese Population. <i>Journal of the American Heart Association</i> , 2019 , 8, e011937	6	25
59	Trajectories of Lipids Profile and Incident Cardiovascular Disease Risk: A Longitudinal Cohort Study. <i>Journal of the American Heart Association</i> , 2019 , 8, e013479	6	20
58	Trajectories of Haemoglobin and incident stroke risk: a longitudinal cohort study. <i>BMC Public Health</i> , 2019 , 19, 1395	4.1	4
57	Dynamic Change of Lumbar Structure and Associated Factors: A Retrospective Study. <i>Orthopaedic Surgery</i> , 2019 , 11, 1072-1081	2.5	1
56	Suppression effect of body weight on the association between cigarette smoking and telomere length: the Bogalusa Heart Study. <i>Aging</i> , 2019 , 11, 9893-9900	5.6	2
55	Trajectories of childhood BMI and adult diabetes: the Bogalusa Heart Study. <i>Diabetologia</i> , 2019 , 62, 70-77	10.3	20

54	Impact of cigarette smoking on the relationship between body mass index and insulin: Longitudinal observation from the Bogalusa Heart Study. <i>Diabetes, Obesity and Metabolism</i> , 2018 , 20, 1578-1584	6.7	9
53	Black-White Difference in the Impact of Long-Term Blood Pressure From Childhood on Adult Renal Function: The Bogalusa Heart Study. <i>American Journal of Hypertension</i> , 2018 , 31, 1300-1306	2.3	2
52	Sex as a predictor of response to cancer immunotherapy. <i>Lancet Oncology, The</i> , 2018 , 19, e374	21.7	1
51	Effect of Serum Adiponectin Levels on the Association Between Childhood Body Mass Index and Adulthood Carotid Intima-Media Thickness. <i>American Journal of Cardiology</i> , 2018 , 121, 579-583	3	7
50	Association of maternal prenatal smoking GFI1-locus and cardio-metabolic phenotypes in 18,212 adults. <i>EBioMedicine</i> , 2018 , 38, 206-216	8.8	19
49	Trajectories of Childhood Blood Pressure and Adult Left Ventricular Hypertrophy: The Bogalusa Heart Study. <i>Hypertension</i> , 2018 , 72, 93-101	8.5	38
48	Can Pediatric Hypertension Criteria Be Simplified? A Prediction Analysis of Subclinical Cardiovascular Outcomes From the Bogalusa Heart Study. <i>Hypertension</i> , 2017 , 69, 691-696	8.5	35
47	Long-Term Excessive Body Weight and Adult Left Ventricular Hypertrophy Are Linked Through Later-Life Body Size and Blood Pressure: The Bogalusa Heart Study. <i>Circulation Research</i> , 2017 , 120, 1614-1621 ¹⁸	15.7	18
46	Long-term Impact of Temporal Sequence from Childhood Obesity to Hyperinsulinemia on Adult Metabolic Syndrome and Diabetes: The Bogalusa Heart Study. <i>Scientific Reports</i> , 2017 , 7, 43422	4.9	19
45	Methodological evaluation of the noninvasive estimation of central systolic blood pressure in nontreated patients: the Bogalusa Heart Study. <i>Blood Pressure Monitoring</i> , 2017 , 22, 95-100	1.3	
44	Determinants of hyperhomocysteinemia in healthy and hypertensive subjects: A population-based study and systematic review. <i>Clinical Nutrition</i> , 2017 , 36, 1215-1230	5.9	21
43	CPT1A methylation is associated with plasma adiponectin. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2017 , 27, 225-233	4.5	16
42	Serum microRNA panel for early diagnosis of the onset of hepatocellular carcinoma. <i>Medicine (United States)</i> , 2017 , 96, e5642	1.8	57
41	Race and Sex Differences of Long-Term Blood Pressure Profiles From Childhood and Adult Hypertension: The Bogalusa Heart Study. <i>Hypertension</i> , 2017 , 70, 66-74	8.5	54
40	Relationship Between Birth Weight and the Double Product in Childhood, Adolescence, and Adulthood (from the Bogalusa Heart Study). <i>American Journal of Cardiology</i> , 2017 , 120, 1016-1019	3	4
39	Leukocyte telomere length, T cell composition and DNA methylation age. <i>Aging</i> , 2017 , 9, 1983-1995	5.6	29
38	Lifespan Risk Exposure Measurement Instrument: a Feasible and Effective Tool for Life Course Epidemiology Research. <i>Biomedical and Environmental Sciences</i> , 2017 , 30, 59-63	1.1	1
37	Trends in Elevated Blood Pressure Among US Children and Adolescents: 1999-2012. <i>American Journal of Hypertension</i> , 2016 , 29, 217-25	2.3	50

36	Temporal Relationship Between Childhood Body Mass Index and Insulin and Its Impact on Adult Hypertension: The Bogalusa Heart Study. <i>Hypertension</i> , 2016 , 68, 818-23	8.5	23
35	Serum metabolomics for early diagnosis of esophageal squamous cell carcinoma by UHPLC-QTOF/MS. <i>Metabolomics</i> , 2016 , 12, 1	4.7	56
34	Childhood Risk Factors and Pregnancy-Induced Hypertension: The Bogalusa Heart Study. <i>American Journal of Hypertension</i> , 2016 , 29, 1206-11	2.3	7
33	A novel Markov Blanket-based repeated-fishing strategy for capturing phenotype-related biomarkers in big omics data. <i>BMC Genetics</i> , 2016 , 17, 51	2.6	1
32	Temporal Relationship Between Elevated Blood Pressure and Arterial Stiffening Among Middle-Aged Black and White Adults: The Bogalusa Heart Study. <i>American Journal of Epidemiology</i> , 2016 , 183, 599-608	3.8	42
31	Normalization and integration of large-scale metabolomics data using support vector regression. <i>Metabolomics</i> , 2016 , 12, 1	4.7	82
30	Establishing International Blood Pressure References Among Nonoverweight Children and Adolescents Aged 6 to 17 Years. <i>Circulation</i> , 2016 , 133, 398-408	16.7	75
29	Impact of Adiposity on Incident Hypertension Is Modified by Insulin Resistance in Adults: Longitudinal Observation From the Bogalusa Heart Study. <i>Hypertension</i> , 2016 , 67, 56-62	8.5	20
28	Association of DNA Methylation at CPT1A Locus with Metabolic Syndrome in the Genetics of Lipid Lowering Drugs and Diet Network (GOLDN) Study. <i>PLoS ONE</i> , 2016 , 11, e0145789	3.7	40
27	Relation of Birth Weight to Heart Rate in Childhood, Adolescence, and Adulthood (from the Bogalusa Heart Study). <i>American Journal of Cardiology</i> , 2016 , 118, 828-832	3	4
26	Recent blood pressure trends in adolescents from China, Korea, Seychelles and the United States of America, 1997-2012. <i>Journal of Hypertension</i> , 2016 , 34, 1948-58	1.9	18
25	Insulin-sensitive adiposity is associated with a relatively lower risk of diabetes than insulin-resistant adiposity: the Bogalusa Heart Study. <i>Endocrine</i> , 2016 , 54, 93-100	4	5
24	Effects of n-3 polyunsaturated fatty acids high fat diet intervention on the synthesis of hepatic high-density lipoprotein cholesterol in obesity-insulin resistance rats. <i>Lipids in Health and Disease</i> , 2016 , 15, 81	4.4	8
23	A novel chi-square statistic for detecting group differences between pathways in systems epidemiology. <i>Statistics in Medicine</i> , 2016 , 35, 5512-5524	2.3	9
22	The short-term association between meteorological factors and mumps in Jining, China. <i>Science of the Total Environment</i> , 2016 , 568, 1069-1075	10.2	23
21	Prevalence of Elevated Blood Pressure Among US Children, 2013-2014. <i>Journal of Clinical Hypertension</i> , 2016 , 18, 1071-1072	2.3	3
20	Simplification of childhood hypertension definition using blood pressure to height ratio among US youths aged 8-17years, NHANES 1999-2012. <i>International Journal of Cardiology</i> , 2015 , 180, 210-3	3.2	17
19	Secondhand smoke exposure is associated with increased carotid artery intima-media thickness: the Bogalusa Heart Study. <i>Atherosclerosis</i> , 2015 , 240, 374-9	3.1	20

18	Long-term Impact of Childhood Adiposity on Adult Metabolic Syndrome Is Modified by Insulin Resistance: The Bogalusa Heart Study. <i>Scientific Reports</i> , 2015 , 5, 17885	4.9	20
17	Identification of reciprocal causality between non-alcoholic fatty liver disease and metabolic syndrome by a simplified Bayesian network in a Chinese population. <i>BMJ Open</i> , 2015 , 5, e008204	3	38
16	A new insight into the role of plasma fibrinogen in the development of metabolic syndrome from a prospective cohort study in urban Han Chinese population. <i>Diabetology and Metabolic Syndrome</i> , 2015 , 7, 110	5.6	3
15	Metabolic syndrome and its components as predictors of nonalcoholic fatty liver disease in a northern urban Han Chinese population: a prospective cohort study. <i>Atherosclerosis</i> , 2015 , 240, 144-8	3.1	40
14	Adverse Events in Treating Smear-Positive Tuberculosis Patients in China. <i>International Journal of Environmental Research and Public Health</i> , 2015 , 13,	4.6	10
13	High-fat diet from perilla oil induces insulin resistance despite lower serum lipids and increases hepatic fatty acid oxidation in rats. <i>Lipids in Health and Disease</i> , 2014 , 13, 15	4.4	20
12	A metabolomics approach for predicting the response to neoadjuvant chemotherapy in cervical cancer patients. <i>Molecular BioSystems</i> , 2014 , 10, 2126-33		30
11	Trends in abdominal obesity among U.S. children and adolescents. <i>Pediatrics</i> , 2014 , 134, e334-9	7.4	55
10	Nut consumption in relation to cardiovascular disease risk and type 2 diabetes: a systematic review and meta-analysis of prospective studies. <i>American Journal of Clinical Nutrition</i> , 2014 , 100, 270-7	7	93
9	Hypertension screening using blood pressure to height ratio. <i>Pediatrics</i> , 2014 , 134, e106-11	7.4	32
8	Prediction of metabolic syndrome by non-alcoholic fatty liver disease in northern urban Han Chinese population: a prospective cohort study. <i>PLoS ONE</i> , 2014 , 9, e96651	3.7	17
7	Identification of potential biomarkers for ovarian cancer by urinary metabolomic profiling. <i>Journal of Proteome Research</i> , 2013 , 12, 505-12	5.6	123
6	Evaluation of chemotherapy response with serum squamous cell carcinoma antigen level in cervical cancer patients: a prospective cohort study. <i>PLoS ONE</i> , 2013 , 8, e54969	3.7	14
5	Identification of metabolic biomarkers to diagnose epithelial ovarian cancer using a UPLC/QTOF/MS platform. <i>Acta Oncologica</i> , 2012 , 51, 473-9	3.2	54
4	Discrimination between malignant and benign ovarian tumors by plasma metabolomic profiling using ultra performance liquid chromatography/mass spectrometry. <i>Clinica Chimica Acta</i> , 2012 , 413, 861-8	6.2	68
3	The value of strain ratio in differential diagnosis of thyroid solid nodules. <i>European Journal of Radiology</i> , 2012 , 81, 286-91	4.7	69
2	One-step synthesis of mesoporous two-line ferrihydrite for effective elimination of arsenic contaminants from natural water. <i>Dalton Transactions</i> , 2011 , 40, 2062-6	4.3	27
1	Facile synthesis of Ag nanoparticles supported on MWCNTs with favorable stability and their bactericidal properties. <i>Journal of Hazardous Materials</i> , 2011 , 187, 466-72	12.8	37

