

# Zhi-Yong Zou

## List of Publications by Year in descending order

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97  
papers

7,296  
citations

186265  
28  
h-index

66911  
78  
g-index

101  
all docs

101  
docs citations

101  
times ranked

7206  
citing authors

#	ARTICLE	IF	CITATIONS
1	Associations of greenness surrounding schools with blood pressure and hypertension: A nationwide cross-sectional study of 61,229 children and adolescents in China. <i>Environmental Research</i> , 2022, 204, 112004.	7.5	18
2	Effect of childhood phthalates exposure on the risk of overweight and obesity: A nested case-control study in China. <i>Environment International</i> , 2022, 158, 106886.	10.0	22
3	Global, regional, and national time trends in mortality for congenital heart disease, 1990â€“2019: An age-period-cohort analysis for the Global Burden of Disease 2019 study. <i>EClinicalMedicine</i> , 2022, 43, 101249.	7.1	62
4	Association between urinary phthalate metabolites and dyslipidemia in children: Results from a Chinese cohort study. <i>Environmental Pollution</i> , 2022, 295, 118632.	7.5	9
5	Exploring the Associations between Single-Child Status and Childhood High Blood Pressure and the Mediation Effect of Lifestyle Behaviors. <i>Nutrients</i> , 2022, 14, 500.	4.1	3
6	Status of Cardiovascular Health in Chinese Children and Adolescents. <i>JACC Asia</i> , 2022, 2, 87-100.	1.5	5
7	Long-term effects of PM2.5 components on blood pressure and hypertension in Chinese children and adolescents. <i>Environment International</i> , 2022, 161, 107134.	10.0	31
8	Association between Fruit Consumption and Lipid Profile among Children and Adolescents: A National Cross-Sectional Study in China. <i>Nutrients</i> , 2022, 14, 63.	4.1	14
9	Most Commonly-Consumed Food Items by Food Group, and by Province, in China: Implications for Diet Quality Monitoring. <i>Nutrients</i> , 2022, 14, 1754.	4.1	8
10	Associations between Breastfeeding Duration and Obesity Phenotypes and the Offsetting Effect of a Healthy Lifestyle. <i>Nutrients</i> , 2022, 14, 1999.	4.1	4
11	Meeting 24-Hour Movement and Dietary Guidelines: Prevalence, Correlates and Association with Weight Status among Children and Adolescents: A National Cross-Sectional Study in China. <i>Nutrients</i> , 2022, 14, 2822.	4.1	5
12	Greenness surrounding schools and adiposity in children and adolescents: Findings from a national population-based study in China. <i>Environmental Research</i> , 2021, 192, 110289.	7.5	28
13	Exposure to ambient air pollution and visual impairment in children: A nationwide cross-sectional study in China. <i>Journal of Hazardous Materials</i> , 2021, 407, 124750.	12.4	15
14	Early-Life Exposure to the Chinese Great Famine and Later Cardiovascular Diseases. <i>International Journal of Public Health</i> , 2021, 66, 603859.	2.3	12
15	Long-term exposure to ambient air pollution and metabolic syndrome in children and adolescents: A national cross-sectional study in China. <i>Environment International</i> , 2021, 148, 106383.	10.0	48
16	National School-Based Health Lifestyles Intervention in Chinese Children and Adolescents on Obesity and Hypertension. <i>Frontiers in Pediatrics</i> , 2021, 9, 615283.	1.9	9
17	Bullying Victimization and Life Satisfaction Among Rural Left-Behind Children in China: A Cross-Sectional Study. <i>Frontiers in Pediatrics</i> , 2021, 9, 671543.	1.9	15
18	Association between pubertal development and elevated blood pressure in children. <i>Journal of Clinical Hypertension</i> , 2021, 23, 1498-1505.	2.0	11

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19	The Association Between Single-Child Status and Risk of Abdominal Obesity: Result From a Cross-Sectional Study of China. <i>Frontiers in Pediatrics</i> , 2021, 9, 697047.	1.9	6
20	Impact of short-term change of adiposity on risk of high blood pressure in children: Results from a follow-up study in China. <i>PLoS ONE</i> , 2021, 16, e0257144.	2.5	1
21	L-arginine supplementation to mitigate cardiovascular effects of walking outside in the context of traffic-related air pollution in participants with elevated blood pressure: A randomized, double-blind, placebo-controlled trial. <i>Environment International</i> , 2021, 156, 106631.	10.0	5
22	Greenness Surrounding Schools and Visual Impairment in Chinese Children and Adolescents. <i>Environmental Health Perspectives</i> , 2021, 129, 107006.	6.0	13
23	Tri-Ponderal Mass Index Reference Values for Screening Metabolic Syndrome in Children and Adolescents: Results From Two National-Representative Cross-Sectional Studies in China and America. <i>Frontiers in Endocrinology</i> , 2021, 12, 739277.	3.5	2
24	A Healthy Lifestyle Offsets the Increased Risk of Childhood Obesity Caused by High Birth Weight: Results From a Large-Scale Cross-Sectional Study. <i>Frontiers in Nutrition</i> , 2021, 8, 736900.	3.7	4
25	Predicting Metabolic Syndrome Using Anthropometric Indices among Chinese Adolescents with Different Nutritional Status: A Multicenter Cross-sectional Study. <i>Biomedical and Environmental Sciences</i> , 2021, 34, 673-682.	0.2	0
26	Role of tri-ponderal mass index in cardio-metabolic risk assessment in children and adolescents: compared with body mass index. <i>International Journal of Obesity</i> , 2020, 44, 886-894.	3.4	18
27	The relationship between long-term exposure to PM2.5 and fasting plasma glucose levels in Chinese children and adolescents aged 6–17 years: A national cross-sectional study. <i>Science of the Total Environment</i> , 2020, 710, 136211.	8.0	8
28	Metabolic Syndrome and Related Factors in Chinese Children and Adolescents: Analysis from a Chinese National Study. <i>Journal of Atherosclerosis and Thrombosis</i> , 2020, 27, 534-544.	2.0	19
29	Early-life exposure to the Chinese Famine and subsequent T2DM. <i>Nature Reviews Endocrinology</i> , 2020, 16, 124-125.	9.6	9
30	Exposure to ambient air pollution and blood lipids in children and adolescents: A national population based study in China. <i>Environmental Pollution</i> , 2020, 266, 115422.	7.5	28
31	National and Subnational Trends in Mortality and Causes of Death in Chinese Children and Adolescents Aged 5–19 Years From 1953 to 2016. <i>Journal of Adolescent Health</i> , 2020, 67, S3-S13.	2.5	11
32	Adolescent Health and Healthy China 2030: A Review. <i>Journal of Adolescent Health</i> , 2020, 67, S24-S31.	2.5	40
33	Towards Comprehensive National Surveillance for Adolescent Health in China: Priority Indicators and Current Data Gaps. <i>Journal of Adolescent Health</i> , 2020, 67, S14-S23.	2.5	5
34	Association between birth weight and risk of abdominal obesity in children and adolescents: a school-based epidemiology survey in China. <i>BMC Public Health</i> , 2020, 20, 1686.	2.9	6
35	DNA methylation of the INSR gene as a mediator of the association between prenatal exposure to famine and adulthood waist circumference. <i>Scientific Reports</i> , 2020, 10, 12212.	3.3	10
36	Body Mass Index Trajectory and Incident Hypertension: Results From a Longitudinal Cohort of Chinese Children and Adolescents, 2006–2016. <i>American Journal of Public Health</i> , 2020, 110, 1689-1695.	2.7	25

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37	Association Between Maternal Lifestyle and Risk of Metabolic Syndrome in Offspringâ€”A Cross-Sectional Study From China. <i>Frontiers in Endocrinology</i> , 2020, 11, 552054.	3.5	6
38	Global Burden of Cardiovascular Diseases and Risk Factors, 1990â€”2019. <i>Journal of the American College of Cardiology</i> , 2020, 76, 2982-3021.	2.8	4,468
39	Ethnicity, socioeconomic status and the nutritional status of Chinese children and adolescents: Findings from three consecutive national surveys between 2005 and 2014. <i>Pediatric Obesity</i> , 2020, 15, e12664.	2.8	5
40	Carotid Intima-Media Thickness Progression as Surrogate Marker for Cardiovascular Risk. <i>Circulation</i> , 2020, 142, 621-642.	1.6	232
41	Comprehensive physical fitness and high blood pressure in children and adolescents: A national cross-sectional survey in China. <i>Journal of Science and Medicine in Sport</i> , 2020, 23, 800-806.	1.3	14
42	The Prospective Studies of Atherosclerosis (Proof-ATHERO) Consortium: Design and Rationale. <i>Gerontology</i> , 2020, 66, 447-459.	2.8	4
43	The predictive value of anthropometric indices for cardiometabolic risk factors in Chinese children and adolescents: A national multicenter school-based study. <i>PLoS ONE</i> , 2020, 15, e0227954.	2.5	27
44	Time Trends in Cardiovascular Disease Mortality Across the BRICS. <i>Circulation</i> , 2020, 141, 790-799.	1.6	107
45	Age-Period-Cohort Analysis of HIV Mortality in China: Data from the Global Burden of Disease Study 2016. <i>Scientific Reports</i> , 2020, 10, 7065.	3.3	11
46	Chinese famine exposure in infancy and metabolic syndrome in adulthood: results from the China health and retirement longitudinal study. <i>European Journal of Clinical Nutrition</i> , 2019, 73, 724-732.	2.9	28
47	Low Birthweight Is Associated with Higher Risk of High Blood Pressure in Chinese Girls: Results from a National Cross-Sectional Study in China. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2898.	2.6	5
48	Changes in breast milk lutein concentrations and their associations with dietary lutein intake: a 12-week prospective analytical study. <i>British Journal of Nutrition</i> , 2019, 122, 1033-1039.	2.3	7
49	Secular trends in HIV/AIDS mortality in China from 1990 to 2016: Gender disparities. <i>PLoS ONE</i> , 2019, 14, e0219689.	2.5	18
50	Effect of Overweight and Obesity on High Blood Pressure in Chinese Children and Adolescents. <i>Obesity</i> , 2019, 27, 1503-1512.	3.0	14
51	Association of School Residential PM2.5 with Childhood High Blood Pressure: Results from an Observational Study in 6 Cities in China. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2515.	2.6	10
52	Trends in physical fitness, growth, and nutritional status of Chinese children and adolescents: a retrospective analysis of 1A-5 million students from six successive national surveys between 1985 and 2014. <i>The Lancet Child and Adolescent Health</i> , 2019, 3, 871-880.	5.6	93
53	Association of high birth weight with overweight and obesity in Chinese students aged 6â€”18 years: a national, cross-sectional study in China. <i>BMJ Open</i> , 2019, 9, e024532.	1.9	11
54	Healthy Body Weight may Modify Effect of Abnormal Birth Weight on Metabolic Syndrome in Adolescents. <i>Obesity</i> , 2019, 27, 462-469.	3.0	6

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55	Secular Trends of Ascariasis Infestation and Nutritional Status in Chinese Children From 2000 to 2014: Evidence From 4 Successive National Surveys. <i>Open Forum Infectious Diseases</i> , 2019, 6, ofz193.	0.9	3
56	Updates to pediatric hypertension guidelines. <i>Journal of Hypertension</i> , 2019, 37, 297-306.	0.5	51
57	Early-life exposure to severe famine is associated with higher methylation level in the IGF2 gene and higher total cholesterol in late adulthood: the Genomic Research of the Chinese Famine (GRECF) study. <i>Clinical Epigenetics</i> , 2019, 11, 88.	4.1	53
58	Economic development and the nutritional status of Chinese school-aged children and adolescents from 1995 to 2014: an analysis of five successive national surveys. <i>Lancet Diabetes and Endocrinology</i> , 2019, 7, 288-299.	11.4	153
59	Early-Life Exposure to the Chinese Famine Is Associated with Higher Methylation Level in the INSR Gene in Later Adulthood. <i>Scientific Reports</i> , 2019, 9, 3354.	3.3	14
60	Subnational variation of stunting, wasting and malnutrition in Chinese primary-school children between 2010 and 2014: urban-rural disparity. <i>Public Health Nutrition</i> , 2019, 22, 2043-2054.	2.2	8
61	Geographical variation and urban-rural disparity of overweight and obesity in Chinese school-aged children between 2010 and 2014: two successive national cross-sectional surveys. <i>BMJ Open</i> , 2019, 9, e025559.	1.9	29
62	Sex difference in the mediation roles of an inflammatory factor (hsCRP) and adipokines on the relationship between adiposity and blood pressure. <i>Hypertension Research</i> , 2019, 42, 903-911.	2.7	11
63	Association between genetically determined leptin and blood lipids considering alcohol consumption: a Mendelian randomisation study. <i>BMJ Open</i> , 2019, 9, e026860.	1.9	6
64	Abstract P110: Early-Life Exposure to Severe Famine is Associated With Higher Methylation Level in the IGF2 Gene and Higher Total Cholesterol in Late Adulthood: The Genomic Research of the Chinese Great Famine (GRECF) Study. <i>Circulation</i> , 2019, 139, .	1.6	0
65	Abstract P205: Genome-Wide Epigenetic Study of Prenatal Famine Exposure and Blood Lipids in Late Adulthood: The Genomic Research of the Chinese Great Famine (GRECF) Study. <i>Circulation</i> , 2019, 139, .	1.6	0
66	Prevalence of excess body weight and underweight among 26 Chinese ethnic minority children and adolescents in 2014: a cross-sectional observational study. <i>BMC Public Health</i> , 2018, 18, 562.	2.9	17
67	Association between the Great China Famine exposure in early life and risk of arthritis in adulthood. <i>Journal of Epidemiology and Community Health</i> , 2018, 72, 790-795.	3.7	8
68	The association between fetal-stage exposure to the China famine and risk of diabetes mellitus in adulthood: results from the China health and retirement longitudinal study. <i>BMC Public Health</i> , 2018, 18, 1205.	2.9	20
69	Secular trends in mortality and causes of death among children and adolescents aged 1-19 years in China from 1953 to 2016: a national and subnational variations systematic analysis. <i>Lancet</i> , 2018, 392, S60.	13.7	1
70	Adolescent health and Healthy China 2030: a cross-sectional study. <i>Lancet</i> , 2018, 392, S63.	13.7	2
71	Prevalence and risk factors of impaired fasting glucose and diabetes among Chinese children and adolescents: a national observational study. <i>British Journal of Nutrition</i> , 2018, 120, 813-819.	2.3	15
72	Association between Vegetable Consumption and Blood Pressure, Stratified by BMI, among Chinese Adolescents Aged 13-17 Years: A National Cross-Sectional Study. <i>Nutrients</i> , 2018, 10, 451.	4.1	23

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73	Secular Trends in Blood Pressure and Overweight and Obesity in Chinese Boys and Girls Aged 7 to 17 Years From 1995 to 2014. <i>Hypertension</i> , 2018, 72, 298-305.	2.7	70
74	Subjective Well-being and Family Functioning among Adolescents Left Behind by Migrating Parents in Jiangxi Province, China. <i>Biomedical and Environmental Sciences</i> , 2018, 31, 382-388.	0.2	17
75	Association between exposure to the Chinese famine during infancy and the risk of self-reported chronic lung diseases in adulthood: a cross-sectional study. <i>BMJ Open</i> , 2017, 7, e015476.	1.9	16
76	Association between high birth weight and hypertension in children and adolescents: a cross-sectional study in China. <i>Journal of Human Hypertension</i> , 2017, 31, 737-743.	2.2	25
77	Prevalence of high blood pressure subtypes and its associations with BMI in Chinese children: a national cross-sectional survey. <i>BMC Public Health</i> , 2017, 17, 598.	2.9	30
78	Fetal and infant exposure to severe Chinese famine increases the risk of adult dyslipidemia: Results from the China health and retirement longitudinal study. <i>BMC Public Health</i> , 2017, 17, 488.	2.9	37
79	The importance of blood lipids in the association between BMI and blood pressure among Chinese overweight and obese children. <i>British Journal of Nutrition</i> , 2016, 116, 45-51.	2.3	11
80	Infant exposure to Chinese famine increased the risk of hypertension in adulthood: results from the China Health and Retirement Longitudinal Study. <i>BMC Public Health</i> , 2016, 16, 435.	2.9	39
81	The Prevalence and Determinants of Using Traditional Chinese Medicine Among Middle-aged and Older Chinese Adults: Results From the China Health and Retirement Longitudinal Study. <i>Journal of the American Medical Directors Association</i> , 2015, 16, 1002.e1-1002.e5.	2.5	20
82	Effect of Supplemental Lutein and Zeaxanthin on Serum, Macular Pigmentation, and Visual Performance in Patients with Early Age-Related Macular Degeneration. <i>BioMed Research International</i> , 2015, 2015, 1-8.	1.9	42
83	A national school-based health lifestyles interventions among Chinese children and adolescents against obesity: rationale, design and methodology of a randomized controlled trial in China. <i>BMC Public Health</i> , 2015, 15, 210.	2.9	97
84	Validity of self-reported diabetes among middle-aged and older Chinese adults: the China Health and Retirement Longitudinal Study. <i>BMJ Open</i> , 2015, 5, e006633-e006633.	1.9	80
85	Prevalence and risk factors of arthritis in a middle-aged and older Chinese population: the China Health and Retirement Longitudinal Study. <i>Rheumatology</i> , 2015, 54, 697-706.	1.9	56
86	Changes following supplementation with lutein and zeaxanthin in retinal function in eyes with early age-related macular degeneration: a randomised, double-blind, placebo-controlled trial. <i>British Journal of Ophthalmology</i> , 2015, 99, 371-375.	3.9	38
87	Effects of lutein and lycopene on carotid intima-media thickness in Chinese subjects with subclinical atherosclerosis: a randomised, double-blind, placebo-controlled trial. <i>British Journal of Nutrition</i> , 2014, 111, 474-480.	2.3	53
88	Serum and macular responses to multiple xanthophyll supplements in patients with early age-related macular degeneration. <i>Nutrition</i> , 2013, 29, 387-392.	2.4	23
89	Effects of Lutein Supplement on Serum Inflammatory Cytokines, ApoE and Lipid Profiles in Early Atherosclerosis Population. <i>Journal of Atherosclerosis and Thrombosis</i> , 2013, 20, 170-177.	2.0	55
90	Serum carotenoids in relation to risk factors for development of atherosclerosis. <i>Clinical Biochemistry</i> , 2012, 45, 1357-1361.	1.9	42

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91	Lutein and zeaxanthin intake and the risk of age-related macular degeneration: a systematic review and meta-analysis. <i>British Journal of Nutrition</i> , 2012, 107, 350-359.	2.3	186
92	Improvement of Retinal Function in Early Age-Related Macular Degeneration After Lutein and Zeaxanthin Supplementation: A Randomized, Double-Masked, Placebo-Controlled Trial. <i>American Journal of Ophthalmology</i> , 2012, 154, 625-634.e1.	3.3	76
93	Effect of Lutein and Zeaxanthin on Macular Pigment and Visual Function in Patients with Early Age-related Macular Degeneration. <i>Ophthalmology</i> , 2012, 119, 2290-2297.	5.2	146
94	High serum level of lutein may be protective against early atherosclerosis: The Beijing atherosclerosis study. <i>Atherosclerosis</i> , 2011, 219, 789-793.	0.8	55
95	Evaluation of milk basic protein supplementation on bone density and bone metabolism in Chinese young women. <i>European Journal of Nutrition</i> , 2009, 48, 301-306.	3.9	22
96	A 12-week lutein supplementation improves visual function in Chinese people with long-term computer display light exposure. <i>British Journal of Nutrition</i> , 2009, 102, 186-190.	2.3	41
97	Evaluation of serum transferrin receptor for iron deficiency in women of child-bearing age. <i>British Journal of Nutrition</i> , 2008, 100, 1104-1108.	2.3	6