Xiaoming Shi

List of Publications by Year in descending order

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92 papers	3,255 citations	186209 28 h-index	182361 51 g-index
95 all docs	95 docs citations	95 times ranked	4658 citing authors

#	Article	IF	Citations
1	Aerosol transmission of SARS-CoV-2? Evidence, prevention and control. Environment International, 2020, 144, 106039.	4.8	439
2	All-cause mortality risk associated with long-term exposure to ambient PM2Â·5 in China: a cohort study. Lancet Public Health, The, 2018, 3, e470-e477.	4.7	187
3	Prevention and control of COVID-19 in public transportation: Experience from China. Environmental Pollution, 2020, 266, 115291.	3.7	166
4	Mask use during COVID-19: A risk adjusted strategy. Environmental Pollution, 2020, 266, 115099.	3.7	149
5	Estimating mortality burden attributable to short-term PM2.5 exposure: A national observational study in China. Environment International, 2019, 125, 245-251.	4.8	110
6	Interaction between residential greenness and air pollution mortality: analysis of the Chinese Longitudinal Healthy Longevity Survey. Lancet Planetary Health, The, 2020, 4, e107-e115.	5.1	92
7	Blood cholesterol in late-life and cognitive decline: a longitudinal study of the Chinese elderly. Molecular Neurodegeneration, 2017, 12, 24.	4.4	87
8	Co-infection with HIV and hepatitis C virus in former plasma/blood donors: challenge for patient care in rural China. Aids, 2006, 20, 1429-1435.	1.0	68
9	High normal plasma triglycerides are associated with preserved cognitive function in Chinese oldest-old. Age and Ageing, 2012, 41, 600-606.	0.7	67
10	Sex Differences in Genetic Associations With Longevity. JAMA Network Open, 2018, 1, e181670.	2.8	60
11	Dietary Sodium Intake: Knowledge, Attitudes and Practices in Shandong Province, China, 2011. PLoS ONE, 2013, 8, e58973.	1.1	58
12	Dietary diversity and cognitive function among elderly people: A population-based study. Journal of Nutrition, Health and Aging, 2017, 21, 1089-1094.	1.5	58
13	Fine Particulate Matter and Poor Cognitive Function among Chinese Older Adults: Evidence from a Community-Based, 12-Year Prospective Cohort Study. Environmental Health Perspectives, 2020, 128, 67013.	2.8	57
14	Serum cholesterol levels within the high normal range are associated with better cognitive performance among Chinese elderly. Journal of Nutrition, Health and Aging, 2016, 20, 280-287.	1.5	55
15	Vitamin <scp>D</scp> Levels and Cognition in Elderly Adults in <scp>C</scp>hina. Journal of the American Geriatrics Society, 2014, 62, 2125-2129.	1.3	52
16	Low-density lipoprotein cholesterol was inversely associated with 3-year all-cause mortality among Chinese oldest old: Data from the Chinese Longitudinal Healthy Longevity Survey. Atherosclerosis, 2015, 239, 137-142.	0.4	52
17	Prevention and control of COVID-19 in nursing homes, orphanages, and prisons. Environmental Pollution, 2020, 266, 115161.	3.7	52
18	Modification Effects of Temperature on the Ozoneâ€“Mortality Relationship: A Nationwide Multicounty Study in China. Environmental Science & Technology, 2020, 54, 2859-2868.	4.6	49

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19	Hypertension Prevalence, Awareness, Treatment, and Control and Sodium Intake in Shandong Province, China: Baseline Results From Shandongâ€“Ministry of Health Action on Salt Reduction and Hypertension (SMASH), 2011. Preventing Chronic Disease, 2014, 11, E88.	1.7	48
20	Association of Body Mass Index With Disability in Activities of Daily Living Among Chinese Adults 80 Years of Age or Older. JAMA Network Open, 2018, 1, e181915.	2.8	48
21	Associations between superoxide dismutase, malondialdehyde and all-cause mortality in older adults: a community-based cohort study. BMC Geriatrics, 2019, 19, 104.	1.1	45
22	Higher dietary diversity scores and protein-rich food consumption were associated with lower risk of all-cause mortality in the oldest old. Clinical Nutrition, 2020, 39, 2246-2254.	2.3	38
23	Triglycerides Paradox Among the Oldest Old: â€œThe Lower the Better?â€. Journal of the American Geriatrics Society, 2019, 67, 741-748.	1.3	37
24	Depression and Anxiety Associated with Exposure to Fine Particulate Matter Constituents: A Cross-Sectional Study in North China. Environmental Science & Technology, 2020, 54, 16006-16016.	4.6	36
25	High-Density Lipoprotein Cholesterol and All-Cause and Cause-Specific Mortality Among the Elderly. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 3370-3378.	1.8	35
26	Genderâ€dependent association of body mass index and waist circumference with disability in the chinese oldest old. Obesity, 2014, 22, 1918-1925.	1.5	33
27	Effect of PM2.5 on macrosomia in China: A nationwide prospective cohort study. Pediatric Obesity, 2020, 15, e12584.	1.4	33
28	Exposure to organophosphate esters in elderly people: Relationships of OPE body burdens with indoor air and dust concentrations and food consumption. Environment International, 2021, 157, 106803.	4.8	33
29	Exposure to multiple metals and prevalence for preeclampsia in Taiyuan, China. Environment International, 2020, 145, 106098.	4.8	33
30	Cohort profile: China National Human Biomonitoring (CNHBM)â€”A nationally representative, prospective cohort in Chinese population. Environment International, 2021, 146, 106252.	4.8	32
31	The obesity paradox is mostly driven by decreased noncardiovascular disease mortality in the oldest old in China: a 20-year prospective cohort study. Nature Aging, 2022, 2, 389-396.	5.3	32
32	Glycated Hemoglobin and All-Cause and Cause-Specific Mortality Among Adults With and Without Diabetes. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 3345-3354.	1.8	31
33	Human biomonitoring of toxic and essential metals in younger elderly, octogenarians, nonagenarians and centenarians: Analysis of the Healthy Ageing and Biomarkers Cohort Study (HABCS) in China. Environment International, 2021, 156, 106717.	4.8	31
34	Health Consequences of Familial Longevity Influence Among the Chinese Elderly. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2013, 68, 473-482.	1.7	30
35	Association of children's eating behaviors with parental education, and teachers' health awareness, attitudes and behaviors: a national school-based survey in China. European Journal of Public Health, 2014, 24, 880-887.	0.1	30
36	Vitamin D deficiency and metabolic syndrome in elderly Chinese individuals: evidence from CLHLS. Nutrition and Metabolism, 2020, 17, 58.	1.3	30

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37	Exploring the external exposome using wearable passive samplers - The China BAPE study. Environmental Pollution, 2021, 270, 116228.	3.7	30
38	Multilevel evaluation of â€˜China Healthy Lifestyles for Allâ€™, a nationwide initiative to promote lower intakes of salt and edible oil. Preventive Medicine, 2014, 67, 210-215.	1.6	29
39	Long-term exposure to PM2.5 and incidence of disability in activities of daily living among oldest old. Environmental Pollution, 2020, 259, 113910.	3.7	29
40	Healthy Ageing and Biomarkers Cohort Study (HABCS): a cohort profile. BMJ Open, 2019, 9, e026513.	0.8	28
41	Associations between Personal PM_{2.5} Elemental Constituents and Decline of Kidney Function in Older Individuals: the China BAPE Study. Environmental Science & Technology, 2020, 54, 13167-13174.	4.6	28
42	Effect of exposures to mixtures of lead and various metals on hypertension, pre-hypertension, and blood pressure: A cross-sectional study from the China National Human Biomonitoring. Environmental Pollution, 2022, 299, 118864.	3.7	28
43	Fine particulate matter constituents and sub-clinical outcomes of cardiovascular diseases: A multi-center study in China. Science of the Total Environment, 2021, 759, 143555.	3.9	27
44	Evaluation of the Association between the AC3 Genetic Polymorphisms and Obesity in a Chinese Han Population. PLoS ONE, 2010, 5, e13851.	1.1	26
45	Association between Changing Mortality of Digestive Tract Cancers and Water Pollution: A Case Study in the Huai River Basin, China. International Journal of Environmental Research and Public Health, 2015, 12, 214-226.	1.2	26
46	Gender Differences in the Prevalence of Overweight and Obesity, Associated Behaviors, and Weight-related Perceptions in a National Survey of Primary School Children in China. Biomedical and Environmental Sciences, 2018, 31, 1-11.	0.2	25
47	Sexually Transmitted Disease/HIV and Heterosexual Risk Among Miners in Townships of Yunnan Province, China. AIDS Patient Care and STDs, 2005, 19, 848-852.	1.1	24
48	Dietary Diversity Was Positively Associated with Psychological Resilience among Elders: A Population-Based Study. Nutrients, 2019, 11, 650.	1.7	24
49	Plasma element levels and risk of chronic kidney disease in elderly populations (â‰¥ 90ÂYears old). Chemosphere, 2020, 254, 126809.	4.2	22
50	Hepatitis C Virus Infection in Former Commercial Plasma/Blood Donors in Rural Shanxi Province, China: The China Integrated Programs for Research on AIDS. Journal of Infectious Diseases, 2005, 192, 1694-1700.	1.9	21
51	The exposome in practice: an exploratory panel study of biomarkers of air pollutant exposure in Chinese people aged 60â€“69 years (China BAPE Study). Environment International, 2021, 157, 106866.	4.8	21
52	Interaction between plant-based dietary pattern and air pollution on cognitive function: a prospective cohort analysis of Chinese older adults. The Lancet Regional Health - Western Pacific, 2022, 20, 100372.	1.3	21
53	Prevalence and Correlates of Elevated Blood Pressure in Chinese Children Aged 6-13 Years: a Nationwide School-Based Survey. Biomedical and Environmental Sciences, 2015, 28, 401-9.	0.2	20
54	Exploring personal chemical exposures in China with wearable air pollutant monitors: A repeated-measure study in healthy older adults in Jinan, China. Environment International, 2021, 156, 106709.	4.8	16

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55	Results of the parent-rated Strengths and Difficulties Questionnaire in 22,108 primary school students from 8 provinces of China. Shanghai Archives of Psychiatry, 2013, 25, 364-74.	0.7	16
56	Characterisation of gastric cancer and its relation to environmental factors: a case study in Shenqiu County, China. International Journal of Environmental Health Research, 2016, 26, 1-10.	1.3	15
57	Development and Validation of a Nomogram for Predicting the 6-Year Risk of Cognitive Impairment Among Chinese Older Adults. Journal of the American Medical Directors Association, 2020, 21, 864-871.e6.	1.2	15
58	Facilities for Centralized Isolation and Quarantine for the Observation and Treatment of Patients with COVID-19. Engineering, 2021, 7, 908-913.	3.2	15
59	Wearing time and respiratory volume affect the filtration efficiency of masks against aerosols at different sizes. Environmental Technology and Innovation, 2022, 25, 102165.	3.0	15
60	Advancing Global Health through Environmental and Public Health Tracking. International Journal of Environmental Research and Public Health, 2020, 17, 1976.	1.2	14
61	High Blood Uric Acid Is Associated With Reduced Risks of Mild Cognitive Impairment Among Older Adults in China: A 9-Year Prospective Cohort Study. Frontiers in Aging Neuroscience, 2021, 13, 747686.	1.7	12
62	Clustering of unhealthy lifestyle behaviours and associations with perceived and actual weight status among primary school children in China: A nationally representative cross-sectional study. Preventive Medicine, 2018, 112, 6-14.	1.6	11
63	The Status and Associated Factors of Successful Aging among Older Adults Residing in Longevity Areas in China. Biomedical and Environmental Sciences, 2016, 29, 347-55.	0.2	11
64	Emerging and Legacy Per- and Polyfluoroalkyl Substances in an Elderly Population in Jinan, China: The Exposure Level, Short-Term Variation, and Intake Assessment. Environmental Science & Technology, 2022, 56, 7905-7916.	4.6	11
65	Impact of Heavy PM_{2.5} Pollution Events on Mortality in 250 Chinese Counties. Environmental Science & Technology, 2022, 56, 8299-8307.	4.6	11
66	Modified reverse-puncture anastomotic technique vs. traditional technique for total minimally invasive Ivor-Lewis esophagectomy. World Journal of Surgical Oncology, 2020, 18, 325.	0.8	10
67	Zinc Levels and Birth Weight in Pregnant Women with Gestational Diabetes Mellitus: A Matched Cohort Study in China. Journal of Clinical Endocrinology and Metabolism, 2020, 105, e2337-e2345.	1.8	10
68	Associations of residential greenness with peripheral and central obesity in China. Science of the Total Environment, 2021, 791, 148084.	3.9	10
69	Air pollution, residential greenness, and metabolic dysfunction biomarkers: analyses in the Chinese Longitudinal Healthy Longevity Survey. BMC Public Health, 2022, 22, 885.	1.2	10
70	Cohort profile: Sub-clinical outcomes of polluted air in China (SCOPA-China cohort). Environment International, 2020, 134, 105221.	4.8	9
71	Filtration efficiency of face masks against aerosolized surrogate SARS-CoV-2 at different social distances. Science Bulletin, 2022, 67, 565-568.	4.3	9
72	Associations of Fine Particulate Matter Constituents with Metabolic Syndrome and the Mediating Role of Apolipoprotein B: A Multicenter Study in Middle-Aged and Elderly Chinese Adults. Environmental Science & Technology, 2022, 56, 10161-10171.	4.6	9

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73	Incorporating biomarkers into the study of socio-economic status and health among older adults in China. SSM - Population Health, 2017, 3, 577-585.	1.3	8
74	Combined associations of hs-CRP and cognitive function with all-cause mortality among oldest-old adults in Chinese longevity areas: a prospective cohort study. Immunity and Ageing, 2019, 16, 30.	1.8	8
75	Long-term exposure to ambient fine particulate matter and fasting blood glucose level in a Chinese elderly cohort. Science of the Total Environment, 2020, 717, 137191.	3.9	8
76	Inaccuracy of Self-reported Low Sodium Diet among Chinese: Findings from Baseline Survey for Shandong & Ministry of Health Action on Salt and Hypertension (SMASH) Project. Biomedical and Environmental Sciences, 2015, 28, 161-7.	0.2	8
77	Using an Exposome-Wide Approach to Explore the Impact of Urban Environments on Blood Pressure among Adults in Beijingâ€“Tianjinâ€“Hebei and Surrounding Areas of China. Environmental Science & Technology, 2022, 56, 8395-8405.	4.6	8
78	Linking the Fasting Blood Glucose Level to Short-Term-Exposed Particulate Constituents and Pollution Sources: Results from a Multicenter Cross-Sectional Study in China. Environmental Science & Technology, 2022, 56, 10172-10182.	4.6	8
79	Garlic Consumption and All-Cause Mortality among Chinese Oldest-Old Individuals: A Population-Based Cohort Study. Nutrients, 2019, 11, 1504.	1.7	7
80	Association of low blood arsenic exposure with level of malondialdehyde among Chinese adults aged 65 and older. Science of the Total Environment, 2021, 758, 143638.	3.9	7
81	Plasma 25-Hydroxyvitamin D Concentrations Are Inversely Associated with All-Cause Mortality among a Prospective Cohort of Chinese Adults Aged â‰¥80 Years. Journal of Nutrition, 2019, 149, 1056-1064.	1.3	6
82	Temperature-Modified Acute Effects of Ozone on Human Mortality â€” Beijing Municipality, Tianjin Municipality, Hebei Province, and Surrounding Areas, China, 2013â€“2018. China CDC Weekly, 2021, 3, 964-968.	1.0	6
83	Epigenetic age stratifies the risk of blood pressure elevation related to short-term PM2.5 exposure in older adults. Environmental Research, 2022, 212, 113507.	3.7	5
84	Estimating elemental constituents of personal PM<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" id="d1e1113" altimg="si60.svg"><mml:msub><mml:mrow /><mml:mrow><mml:mn>2</mml:mn><mml:mo>.</mml:mo><mml:mn>5</mml:mn></mml:mrow></mml:msub></mml:math>: A modeling approach of older individuals of the China BAPE study. Environmental Technology and Innovation, 2021, 24, 102027.	3.0	4
85	Is Hemoglobin Concentration a Linear Predictor of Mortality in Older Adults From Chinese Longevity Regions?. Frontiers in Public Health, 2021, 9, 787935.	1.3	4
86	Associations of Carbonaceous Compounds and Water-Soluble Inorganic Ions in Ambient PM_{2.5} with Renal Function in Older Individuals: The China BAPE Study. Environmental Science & Technology, 2022, 56, 433-439.	4.6	4
87	Sleep disturbance exacerbates the cardiac conduction abnormalities induced by persistent heavy ambient fine particulate matter pollution: A multi-center cross-sectional study. Science of the Total Environment, 2022, 838, 156472.	3.9	4
88	Smoking cessation in late life is associated with increased risk of all-cause mortality amongst oldest old people: a community-based prospective cohort study. Age and Ageing, 2021, 50, 1298-1305.	0.7	3
89	Recommendations of Controlling and Preventing Acute Health Risks of Fine Particulate Matter Pollution â€” China, 2021. China CDC Weekly, 2022, 4, 329-341.	1.0	2
90	Consideration of local geographical variations in PM2Â·5 concentrations in China â€“ Authors' reply. Lancet Public Health, The, 2018, 3, e565.	4.7	0

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91	Personal External Exposomes from Around the World. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
92	Healthy Environment Promotion Campaign in Healthy China Initiative. China CDC Weekly, 2020, 2, 160-163.	1.0	0