

Xiaoming Shi

List of Publications by Year in descending order

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Version: 2024-02-01

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	Wearing time and respiratory volume affect the filtration efficiency of masks against aerosols at different sizes. <i>Environmental Technology and Innovation</i> , 2022, 25, 102165.	3.0	15
2	Interaction between plant-based dietary pattern and air pollution on cognitive function: a prospective cohort analysis of Chinese older adults. <i>The Lancet Regional Health - Western Pacific</i> , 2022, 20, 100372.	1.3	21
3	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. <i>Environmental Pollution</i> , 2022, 299, 118864.	3.7	28
4	Filtration efficiency of face masks against aerosolized surrogate SARS-CoV-2 at different social distances. <i>Science Bulletin</i> , 2022, 67, 565-568.	4.3	9
5	Associations of Carbonaceous Compounds and Water-Soluble Inorganic Ions in Ambient PM _{2.5} with Renal Function in Older Individuals: The China BAPE Study. <i>Environmental Science & Technology</i> , 2022, 56, 433-439.	4.6	4
6	Recommendations of Controlling and Preventing Acute Health Risks of Fine Particulate Matter Pollution in China, 2021. <i>China CDC Weekly</i> , 2022, 4, 329-341.	1.0	2
7	The obesity paradox is mostly driven by decreased noncardiovascular disease mortality in the oldest old in China: a 20-year prospective cohort study. <i>Nature Aging</i> , 2022, 2, 389-396.	5.3	32
8	Air pollution, residential greenness, and metabolic dysfunction biomarkers: analyses in the Chinese Longitudinal Healthy Longevity Survey. <i>BMC Public Health</i> , 2022, 22, 885.	1.2	10
9	Emerging and Legacy Per- and Polyfluoroalkyl Substances in an Elderly Population in Jinan, China: The Exposure Level, Short-Term Variation, and Intake Assessment. <i>Environmental Science & Technology</i> , 2022, 56, 7905-7916.	4.6	11
10	Sleep disturbance exacerbates the cardiac conduction abnormalities induced by persistent heavy ambient fine particulate matter pollution: A multi-center cross-sectional study. <i>Science of the Total Environment</i> , 2022, 838, 156472.	3.9	4
11	Using an Exposome-Wide Approach to Explore the Impact of Urban Environments on Blood Pressure among Adults in Beijing-Tianjin-Hebei and Surrounding Areas of China. <i>Environmental Science & Technology</i> , 2022, 56, 8395-8405.	4.6	8
12	Epigenetic age stratifies the risk of blood pressure elevation related to short-term PM2.5 exposure in older adults. <i>Environmental Research</i> , 2022, 212, 113507.	3.7	5
13	Impact of Heavy PM _{2.5} Pollution Events on Mortality in 250 Chinese Counties. <i>Environmental Science & Technology</i> , 2022, 56, 8299-8307.	4.6	11
14	Linking the Fasting Blood Glucose Level to Short-Term-Exposed Particulate Constituents and Pollution Sources: Results from a Multicenter Cross-Sectional Study in China. <i>Environmental Science & Technology</i> , 2022, 56, 10172-10182.	4.6	8
15	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. <i>Environmental Science & Technology</i> , 2022, 56, 10161-10171.	4.6	9
16	Cohort profile: China National Human Biomonitoring (CNHBM)-A nationally representative, prospective cohort in Chinese population. <i>Environment International</i> , 2021, 146, 106252.	4.8	32
17	Exploring the external exposome using wearable passive samplers - The China BAPE study. <i>Environmental Pollution</i> , 2021, 270, 116228.	3.7	30
18	Fine particulate matter constituents and sub-clinical outcomes of cardiovascular diseases: A multi-center study in China. <i>Science of the Total Environment</i> , 2021, 759, 143555.	3.9	27

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19	Association of low blood arsenic exposure with level of malondialdehyde among Chinese adults aged 65 and older. <i>Science of the Total Environment</i> , 2021, 758, 143638.	3.9	7
20	Smoking cessation in late life is associated with increased risk of all-cause mortality amongst oldest old people: a community-based prospective cohort study. <i>Age and Ageing</i> , 2021, 50, 1298-1305.	0.7	3
21	Facilities for Centralized Isolation and Quarantine for the Observation and Treatment of Patients with COVID-19. <i>Engineering</i> , 2021, 7, 908-913.	3.2	15
22	Personal External Exposomes from Around the World. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
23	Associations of residential greenness with peripheral and central obesity in China. <i>Science of the Total Environment</i> , 2021, 791, 148084.	3.9	10
24	Exploring personal chemical exposures in China with wearable air pollutant monitors: A repeated-measure study in healthy older adults in Jinan, China. <i>Environment International</i> , 2021, 156, 106709.	4.8	16
25	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. <i>Environment International</i> , 2021, 156, 106717.	4.8	31
26	The exposome in practice: an exploratory panel study of biomarkers of air pollutant exposure in Chinese people aged 60â€“69 years (China BAPE Study). <i>Environment International</i> , 2021, 157, 106866.	4.8	21
27	Exposure to organophosphate esters in elderly people: Relationships of OPE body burdens with indoor air and dust concentrations and food consumption. <i>Environment International</i> , 2021, 157, 106803.	4.8	33
28	High Blood Uric Acid Is Associated With Reduced Risks of Mild Cognitive Impairment Among Older Adults in China: A 9-Year Prospective Cohort Study. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 747686.	1.7	12
29	Estimating elemental constituents of personal PM _{2.5} using a modeling approach of older individuals of the China BAPE study. <i>Environmental Technology and Innovation</i> , 2021, 14, 102027.	3.0	4
30	Temperature-Modified Acute Effects of Ozone on Human Mortality â€” Beijing Municipality, Tianjin Municipality, Hebei Province, and Surrounding Areas, China, 2013â€“2018. <i>China CDC Weekly</i> , 2021, 3, 964-968.	1.0	6
31	Is Hemoglobin Concentration a Linear Predictor of Mortality in Older Adults From Chinese Longevity Regions?. <i>Frontiers in Public Health</i> , 2021, 9, 787935.	1.3	4
32	Higher dietary diversity scores and protein-rich food consumption were associated with lower risk of all-cause mortality in the oldest old. <i>Clinical Nutrition</i> , 2020, 39, 2246-2254.	2.3	38
33	Effect of PM2.5 on macrosomia in China: A nationwide prospective cohort study. <i>Pediatric Obesity</i> , 2020, 15, e12584.	1.4	33
34	Cohort profile: Sub-clinical outcomes of polluted air in China (SCOPA-China cohort). <i>Environment International</i> , 2020, 134, 105221.	4.8	9
35	Long-term exposure to PM2.5 and incidence of disability in activities of daily living among oldest old. <i>Environmental Pollution</i> , 2020, 259, 113910.	3.7	29
36	Aerosol transmission of SARS-CoV-2? Evidence, prevention and control. <i>Environment International</i> , 2020, 144, 106039.	4.8	439

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37	Depression and Anxiety Associated with Exposure to Fine Particulate Matter Constituents: A Cross-Sectional Study in North China. <i>Environmental Science & Technology</i> , 2020, 54, 16006-16016.	4.6	36
38	Prevention and control of COVID-19 in public transportation: Experience from China. <i>Environmental Pollution</i> , 2020, 266, 115291.	3.7	166
39	Vitamin D deficiency and metabolic syndrome in elderly Chinese individuals: evidence from CLHLS. <i>Nutrition and Metabolism</i> , 2020, 17, 58.	1.3	30
40	Associations between Personal PM _{2.5} Elemental Constituents and Decline of Kidney Function in Older Individuals: the China BAPE Study. <i>Environmental Science & Technology</i> , 2020, 54, 13167-13174.	4.6	28
41	Modified reverse-puncture anastomotic technique vs. traditional technique for total minimally invasive Ivor-Lewis esophagectomy. <i>World Journal of Surgical Oncology</i> , 2020, 18, 325.	0.8	10
42	Development and Validation of a Nomogram for Predicting the 6-Year Risk of Cognitive Impairment Among Chinese Older Adults. <i>Journal of the American Medical Directors Association</i> , 2020, 21, 864-871.e6.	1.2	15
43	Mask use during COVID-19: A risk adjusted strategy. <i>Environmental Pollution</i> , 2020, 266, 115099.	3.7	149
44	Fine Particulate Matter and Poor Cognitive Function among Chinese Older Adults: Evidence from a Community-Based, 12-Year Prospective Cohort Study. <i>Environmental Health Perspectives</i> , 2020, 128, 67013.	2.8	57
45	Advancing Global Health through Environmental and Public Health Tracking. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1976.	1.2	14
46	Prevention and control of COVID-19 in nursing homes, orphanages, and prisons. <i>Environmental Pollution</i> , 2020, 266, 115161.	3.7	52
47	Modification Effects of Temperature on the Ozone-Mortality Relationship: A Nationwide Multicounty Study in China. <i>Environmental Science & Technology</i> , 2020, 54, 2859-2868.	4.6	49
48	Long-term exposure to ambient fine particulate matter and fasting blood glucose level in a Chinese elderly cohort. <i>Science of the Total Environment</i> , 2020, 717, 137191.	3.9	8
49	Interaction between residential greenness and air pollution mortality: analysis of the Chinese Longitudinal Healthy Longevity Survey. <i>Lancet Planetary Health</i> , The, 2020, 4, e107-e115.	5.1	92
50	Plasma element levels and risk of chronic kidney disease in elderly populations (≥ 90 Years old). <i>Chemosphere</i> , 2020, 254, 126809.	4.2	22
51	Zinc Levels and Birth Weight in Pregnant Women with Gestational Diabetes Mellitus: A Matched Cohort Study in China. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e2337-e2345.	1.8	10
52	Exposure to multiple metals and prevalence for preeclampsia in Taiyuan, China. <i>Environment International</i> , 2020, 145, 106098.	4.8	33
53	Healthy Environment Promotion Campaign in Healthy China Initiative. <i>China CDC Weekly</i> , 2020, 2, 160-163.	1.0	0
54	Garlic Consumption and All-Cause Mortality among Chinese Oldest-Old Individuals: A Population-Based Cohort Study. <i>Nutrients</i> , 2019, 11, 1504.	1.7	7

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55	Triglycerides Paradox Among the Oldest Old: "The Lower the Better", Journal of the American Geriatrics Society, 2019, 67, 741-748.	1.3	37
56	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
57	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
58	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
59	Dietary Diversity Was Positively Associated with Psychological Resilience among Elders: A Population-Based Study. Nutrients, 2019, 11, 650.	1.7	24
60	Plasma 25-Hydroxyvitamin D Concentrations Are Inversely Associated with All-Cause Mortality among a Prospective Cohort of Chinese Adults Aged ≥80 Years. Journal of Nutrition, 2019, 149, 1056-1064.	1.3	6
61	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
62	Healthy Ageing and Biomarkers Cohort Study (HABCS): a cohort profile. BMJ Open, 2019, 9, e026513.	0.8	28
63	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
64	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
65	Consideration of local geographical variations in PM2.5 concentrations in China " Authors' reply. Lancet Public Health, The, 2018, 3, e565.	4.7	0
66	All-cause mortality risk associated with long-term exposure to ambient PM2.5 in China: a cohort study. Lancet Public Health, The, 2018, 3, e470-e477.	4.7	187
67	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
68	Sex Differences in Genetic Associations With Longevity. JAMA Network Open, 2018, 1, e181670.	2.8	60
69	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
70	Blood cholesterol in late-life and cognitive decline: a longitudinal study of the Chinese elderly. Molecular Neurodegeneration, 2017, 12, 24.	4.4	87
71	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
72	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

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73	Serum cholesterol levels within the high normal range are associated with better cognitive performance among Chinese elderly. <i>Journal of Nutrition, Health and Aging</i> , 2016, 20, 280-287.	1.5	55
74	Characterisation of gastric cancer and its relation to environmental factors: a case study in Shenqiu County, China. <i>International Journal of Environmental Health Research</i> , 2016, 26, 1-10.	1.3	15
75	The Status and Associated Factors of Successful Aging among Older Adults Residing in Longevity Areas in China. <i>Biomedical and Environmental Sciences</i> , 2016, 29, 347-55.	0.2	11
76	Association between Changing Mortality of Digestive Tract Cancers and Water Pollution: A Case Study in the Huai River Basin, China. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 214-226.	1.2	26
77	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. <i>Atherosclerosis</i> , 2015, 239, 137-142.	0.4	52
78	Prevalence and Correlates of Elevated Blood Pressure in Chinese Children Aged 6-13 Years: a Nationwide School-Based Survey. <i>Biomedical and Environmental Sciences</i> , 2015, 28, 401-9.	0.2	20
79	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. <i>Biomedical and Environmental Sciences</i> , 2015, 28, 161-7.	0.2	8
80	Hypertension Prevalence, Awareness, Treatment, and Control and Sodium Intake in Shandong Province, China: Baseline Results From Shandong's Ministry of Health Action on Salt Reduction and Hypertension (SMASH), 2011. <i>Preventing Chronic Disease</i> , 2014, 11, E88.	1.7	48
81	Association of children's eating behaviors with parental education, and teachers' health awareness, attitudes and behaviors: a national school-based survey in China. <i>European Journal of Public Health</i> , 2014, 24, 880-887.	0.1	30
82	Gender-dependent association of body mass index and waist circumference with disability in the chinese oldest old. <i>Obesity</i> , 2014, 22, 1918-1925.	1.5	33
83	Vitamin D Levels and Cognition in Elderly Adults in China. <i>Journal of the American Geriatrics Society</i> , 2014, 62, 2125-2129.	1.3	52
84	Multilevel evaluation of China Healthy Lifestyles for All™, a nationwide initiative to promote lower intakes of salt and edible oil. <i>Preventive Medicine</i> , 2014, 67, 210-215.	1.6	29
85	Health Consequences of Familial Longevity Influence Among the Chinese Elderly. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2013, 68, 473-482.	1.7	30
86	Dietary Sodium Intake: Knowledge, Attitudes and Practices in Shandong Province, China, 2011. <i>PLoS ONE</i> , 2013, 8, e58973.	1.1	58
87	Results of the parent-rated Strengths and Difficulties Questionnaire in 22,108 primary school students from 8 provinces of China. <i>Shanghai Archives of Psychiatry</i> , 2013, 25, 364-74.	0.7	16
88	High normal plasma triglycerides are associated with preserved cognitive function in Chinese oldest-old. <i>Age and Ageing</i> , 2012, 41, 600-606.	0.7	67
89	Evaluation of the Association between the AC3 Genetic Polymorphisms and Obesity in a Chinese Han Population. <i>PLoS ONE</i> , 2010, 5, e13851.	1.1	26
90	Co-infection with HIV and hepatitis C virus in former plasma/blood donors: challenge for patient care in rural China. <i>Aids</i> , 2006, 20, 1429-1435.	1.0	68

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91	Hepatitis C Virus Infection in Former Commercial Plasma/Blood Donors in Rural Shanxi Province, China: The China Integrated Programs for Research on AIDS. <i>Journal of Infectious Diseases</i> , 2005, 192, 1694-1700.	1.9	21
92	Sexually Transmitted Disease/HIV and Heterosexual Risk Among Miners in Townships of Yunnan Province, China. <i>AIDS Patient Care and STDs</i> , 2005, 19, 848-852.	1.1	24