Shanshan Li

List of Publications by Year in descending order

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274 papers 11,914 citations

26630 56 h-index 94 g-index

281 all docs

281 docs citations

times ranked

281

12689 citing authors

#	Article	IF	CITATIONS
1	Mining and engineering exporters for titer improvement of macrolide biopesticides in <i>Streptomyces</i> . Microbial Biotechnology, 2022, 15, 1120-1132.	4.2	8
2	Did the COVID-19 lockdown affect consumers' sustainable behaviour in food purchasing and consumption in China?. Food Control, 2022, 132, 108352.	5.5	53
3	Association between ambient temperature and hospitalization for renal diseases in Brazil during 2000–2015: A nationwide case-crossover study. The Lancet Regional Health Americas, 2022, 6, 100101.	2.6	14
4	Authors' reply for "Considerations about causality in observational studies― The Lancet Regional Health Americas, 2022, 6, 100137.	2.6	0
5	Combined effects of air pollution in adulthood and famine exposure in early life on type 2 diabetes. Environmental Science and Pollution Research, 2022 , , 1 .	5.3	2
6	Exposure to air pollution is associated with an increased risk of metabolic dysfunction-associated fatty liver disease. Journal of Hepatology, 2022, 76, 518-525.	3.7	94
7	Microfabrication of On-Demand Tapered Glass Capillaries by Etching Combined With Polishing. Journal of Microelectromechanical Systems, 2022, 31, 473-480.	2.5	1
8	Easy-to-Operate Co-flow Step Emulsification Device for Droplet Digital Polymerase Chain Reaction. Analytical Chemistry, 2022, 94, 3939-3947.	6.5	19
9	Acetylation-dependent SAGA complex dimerization promotes nucleosome acetylation and gene transcription. Nature Structural and Molecular Biology, 2022, 29, 261-273.	8.2	15
10	Deep Ensemble Machine Learning Framework for the Estimation of PM2.5 Concentrations. Environmental Health Perspectives, 2022, 130, 37004.	6.0	14
11	Fusing Attention Features and Contextual Information for Scene Recognition. International Journal of Pattern Recognition and Artificial Intelligence, 2022, 36, .	1.2	O
12	Associations between long-term exposure to PM2.5 and site-specific cancer mortality: A nationwide study in Brazil between 2010 and 2018. Environmental Pollution, 2022, 302, 119070.	7.5	24
13	Transcriptome-guided identification of a four-component system, SbrH1-R, that modulates milbemycin biosynthesis by influencing gene cluster expression, precursor supply, and antibiotic efflux. Synthetic and Systems Biotechnology, 2022, 7, 705-717.	3.7	4
14	Global climate change and human health: Pathways and possible solutions., 2022, 1, 53-62.		57
15	Easy-to-Operate Co-Flow Step Emulsification Device for High-Throughput Three-Dimensional Cell Culture. Biosensors, 2022, 12, 350.	4.7	O
16	Microfluidics Temperature Compensating and Monitoring Based on Liquid Metal Heat Transfer. Micromachines, 2022, 13, 792.	2.9	6
17	Temporal variations of the association between summer season heat exposure and hospitalizations for renal diseases in Queensland, Australia, 1995–2016. Environmental Research Letters, 2022, 17, 064047.	5.2	2
18	A Cost-Effective Nucleic Acid Detection System Using a Portable Microscopic Device. Micromachines, 2022, 13, 869.	2.9	3

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19	Mortality burden due to long-term exposure to ambient PM2.5 above the new WHO air quality guideline based on 296 cities in China. Environment International, 2022, 166, 107331.	10.0	21
20	Loss of life expectancy from PM2.5 in Brazil: A national study from 2010 to 2018. Environment International, 2022, 166, 107350.	10.0	7
21	Short-term exposure to ozone and economic burden of premature mortality in Italy: A nationwide observation study. Ecotoxicology and Environmental Safety, 2022, 241, 113781.	6.0	5
22	Dynamic-coupling analyses of cells localization by the negative dielectrophoresis. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2021, 235, 402-411.	2.1	5
23	The association between ambient air pollution and blood lipids: A longitudinal study in Shijiazhuang, China. Science of the Total Environment, 2021, 752, 141648.	8.0	42
24	A single-step DNAzyme sensor for ultra-sensitive and rapid detection of Pb2+ ions. Electrochimica Acta, 2021, 368, 137551.	5.2	19
25	Socioeconomic disparity in the association between long-term exposure to PM2.5 and mortality in 2640 Chinese counties. Environment International, 2021, 146, 106241.	10.0	46
26	Quantitative determination of mutton adulteration with single-copy nuclear genes by real-time PCR. Food Chemistry, 2021, 344, 128622.	8.2	23
27	Coordinating precursor supply for pharmaceutical polyketide production in Streptomyces. Current Opinion in Biotechnology, 2021, 69, 26-34.	6.6	35
28	Exposure to ambient air pollution and visual impairment in children: A nationwide cross-sectional study in China. Journal of Hazardous Materials, 2021, 407, 124750.	12.4	15
29	Air pollution and hospital outpatient visits for conjunctivitis: a time-series analysis in Tai'an, China. Environmental Science and Pollution Research, 2021, 28, 15453-15461.	5.3	20
30	Physical activity attenuated the association of air pollutants with telomere length in rural Chinese adults. Science of the Total Environment, 2021, 759, 143491.	8.0	10
31	Metabolic regulation of telomere silencing by SESAME complex-catalyzed H3T11 phosphorylation. Nature Communications, 2021, 12, 594.	12.8	18
32	Residential Green and Blue Spaces and Type 2 Diabetes Mellitus: A Population-Based Health Study in China. Toxics, 2021, 9, 11.	3.7	12
33	A Multi-Strategy Marine Predator Algorithm and Its Application in Joint Regularization Semi-Supervised ELM. Mathematics, 2021, 9, 291.	2.2	14
34	Association of short-term air pollution with systemic inflammatory biomarkers in routine blood test: a longitudinal study. Environmental Research Letters, 2021, 16, 035007.	5.2	3
35	An Improved Transient Search Optimization with Neighborhood Dimensional Learning for Global Optimization Problems. Symmetry, 2021, 13, 244.	2,2	11
36	Long-term exposures to ambient PM ₁ and NO ₂ pollution in relation to mild cognitive impairment of male veterans in China. Environmental Research Letters, 2021, 16, 025013.	5 . 2	6

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37	Temporal trends of the association between ambient temperature and cardiovascular mortality: a 17-year case-crossover study. Environmental Research Letters, 2021, 16, 045004.	5.2	16
38	Low socioeconomic status aggravated associations of exposure to mixture of air pollutants with obesity in rural Chinese adults: A cross-sectional study. Environmental Research, 2021, 194, 110632.	7.5	7
39	Short term associations of ambient nitrogen dioxide with daily total, cardiovascular, and respiratory mortality: multilocation analysis in 398 cities. BMJ, The, 2021, 372, n534.	6.0	99
40	Association of air pollution and greenness with carotid plaque: A prospective cohort study in China. Environmental Pollution, 2021, 273, 116514.	7.5	10
41	Vulnerability and Burden of All-Cause Mortality Associated with Particulate Air Pollution during COVID-19 Pandemic: A Nationwide Observed Study in Italy. Toxics, 2021, 9, 56.	3.7	8
42	Long-term exposure to ambient PM1 strengthened the association of depression/anxiety symptoms with poor sleep quality: The Henan Rural Cohort study. Ecotoxicology and Environmental Safety, 2021, 211, 111932.	6.0	7
43	Temperature variability and asthma hospitalisation in Brazil, 2000–2015: a nationwide case-crossover study. Thorax, 2021, 76, 962-969.	5.6	27
44	Ambient carbon monoxide and daily mortality: a global time-series study in 337 cities. Lancet Planetary Health, The, 2021, 5, e191-e199.	11.4	35
45	Long-term exposure to air pollutants enhanced associations of obesity with blood pressure and hypertension. Clinical Nutrition, 2021, 40, 1442-1450.	5.0	17
46	Interplay Between Glucose Metabolism and Chromatin Modifications in Cancer. Frontiers in Cell and Developmental Biology, 2021, 9, 654337.	3.7	12
47	Residential greenness associated with lower serum uric acid levels and hyperuricemia prevalence in a large Chinese rural population. Science of the Total Environment, 2021, 770, 145300.	8.0	19
48	Associations of residential greenness with hypertension and blood pressure in a Chinese rural population: a cross-sectional study. Environmental Science and Pollution Research, 2021, 28, 51693-51701.	5.3	18
49	Portable Dielectrophoresis Microfluidic Chip Integrated With Microscopic Platform for Water Blooms Monitoring. Journal of Microelectromechanical Systems, 2021, 30, 419-425.	2.5	4
50	Long-term exposure to PM1 and PM2.5 is associated with serum cortisone level and meat intake plays a moderation role. Ecotoxicology and Environmental Safety, 2021, 215, 112133.	6.0	1
51	Physical activity counteracted associations of exposure to mixture of air pollutants with mitochondrial DNA copy number among rural Chinese adults. Chemosphere, 2021, 272, 129907.	8.2	12
52	Association between ambient temperature and sex offense: A case-crossover study in seven large US cities, 2007–2017. Sustainable Cities and Society, 2021, 69, 102828.	10.4	14
53	Pre-Degassed Microfluidic Chamber-Based Digital PCR Device for Meat Authentication Applications. Micromachines, 2021, 12, 694.	2.9	14
54	Improving satellite-based estimation of surface ozone across China during 2008–2019 using iterative random forest model and high-resolution grid meteorological data. Sustainable Cities and Society, 2021, 69, 102807.	10.4	44

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55	The SESAME complex regulates cell senescence through the generation of acetyl-CoA. Nature Metabolism, 2021, 3, 983-1000.	11.9	23
56	Ambient air pollution and obesity in school-aged children and adolescents: A multicenter study in China. Science of the Total Environment, 2021, 771, 144583.	8.0	30
57	Spatial, temporal, and demographic patterns in prevalence of smoking tobacco use and attributable disease burden in 204 countries and territories, 1990–2019: a systematic analysis from the Global Burden of Disease Study 2019. Lancet, The, 2021, 397, 2337-2360.	13.7	609
58	Ambient temperature and hospitalizations for acute kidney injury in Queensland, Australia, 1995–2016. Environmental Research Letters, 2021, 16, 075007.	5.2	2
59	Associations of residing greenness and long-term exposure to air pollution with glucose homeostasis markers. Science of the Total Environment, 2021, 776, 145834.	8.0	18
60	Global, regional, and national burden of mortality associated with non-optimal ambient temperatures from 2000 to 2019: a three-stage modelling study. Lancet Planetary Health, The, 2021, 5, e415-e425.	11.4	284
61	Rapid Microfluidic Mixing Method Based on Droplet Rotation Due to PDMS Deformation. Micromachines, 2021, 12, 901.	2.9	4
62	Trends in Food Preferences and Sustainable Behavior during the COVID-19 Lockdown: Evidence from Spanish Consumers. Foods, 2021, 10, 1898.	4.3	22
63	Maternal exposure to ambient air pollution and congenital heart defects in China. Environment International, 2021, 153, 106548.	10.0	33
64	Cohort studies of long-term exposure to outdoor particulate matter and risks of cancer: A systematic review and meta-analysis. Innovation(China), 2021, 2, 100143.	9.1	22
65	Research on Input Scheme Selection of a Novel Parallel Mechanism. Journal of Robotics, 2021, 2021, 1-12.	0.9	1
66	Meta-analysis of consumers' willingness to pay for sustainable food products. Appetite, 2021, 163, 105239.	3.7	101
67	Ambient temperature and genome-wide DNA methylation: A twin and family study in Australia. Environmental Pollution, 2021, 285, 117700.	7.5	9
68	NIR light-responsive bacteria with live bio-glue coatings for precise colonization in the gut. Cell Reports, 2021, 36, 109690.	6.4	25
69	Residential surrounding greenness and DNA methylation: An epigenome-wide association study. Environment International, 2021, 154, 106556.	10.0	23
70	Mental health of new undergraduate students before and after COVID-19 in China. Scientific Reports, 2021, 11, 18783.	3.3	19
71	Temperature-mortality association during and before the COVID-19 pandemic in Italy: A nationwide time-stratified case-crossover study. Urban Climate, 2021, 39, 100948.	5.7	5
72	Health and related economic benefits associated with reduction in air pollution during COVID-19 outbreak in 367 cities in China. Ecotoxicology and Environmental Safety, 2021, 222, 112481.	6.0	17

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7 3	Urban-rural differences in the association between long-term exposure to ambient air pollution and obesity in China. Environmental Research, 2021, 201, 111597.	7.5	21
74	Air pollution control efficacy and health impacts: A global observational study from 2000 to 2016. Environmental Pollution, 2021, 287, 117211.	7.5	20
7 5	Associations of long-term exposure to ambient air pollution and physical activity with insomnia in Chinese adults. Science of the Total Environment, 2021, 792, 148197.	8.0	19
76	Associations of mixture of air pollutants with estimated 10-year atherosclerotic cardiovascular disease risk modified by socio-economic status: The Henan Rural Cohort Study. Science of the Total Environment, 2021, 793, 148542.	8.0	17
77	A Constrained Graph-Based Semi-Supervised Algorithm Combined with Particle Cooperation and Competition for Hyperspectral Image Classification. Remote Sensing, 2021, 13, 193.	4.0	13
78	Research on Operation Intention Based on Flexible Tactile Sensing Handle. IEEE Access, 2021, 9, 12362-12373.	4.2	4
79	Space-Time-Stratified Case-Crossover Design in Environmental Epidemiology Study. Health Data Science, 2021, 2021, .	2.3	27
80	Softâ€Contact Acoustic Microgripper Based on a Controllable Gas–Liquid Interface for Biomicromanipulations. Small, 2021, 17, e2104579.	10.0	6
81	Microbiome profiling reveals gut dysbiosis in a transgenic mouse model of Huntington's disease. Neurobiology of Disease, 2020, 135, 104268.	4.4	118
82	Interactions between ambient air pollution and obesity on lung function in children: The Seven Northeastern Chinese Cities (SNEC) Study. Science of the Total Environment, 2020, 699, 134397.	8.0	41
83	Benefits of influenza vaccination on the associations between ambient air pollution and allergic respiratory diseases in children and adolescents: New insights from the Seven Northeastern Cities study in China. Environmental Pollution, 2020, 256, 113434.	7.5	20
84	Long-term exposure to PM2.5 and fasting plasma glucose in non-diabetic adolescents in Yogyakarta, Indonesia. Environmental Pollution, 2020, 257, 113423.	7.5	11
85	Long-term effects of ambient air pollutants to blood lipids and dyslipidemias in a Chinese rural population. Environmental Pollution, 2020, 256, 113403.	7.5	66
86	Ambient Airborne Particulates of Diameter â‰ቑ μm, a Leading Contributor to the Association Between Ambient Airborne Particulates of Diameter â‰❷.5 μm and Children's Blood Pressure. Hypertension, 2020, 75, 347-355.	2.7	39
87	Harnessing the intracellular triacylglycerols for titer improvement of polyketides in Streptomyces. Nature Biotechnology, 2020, 38, 76-83.	17.5	116
88	Short-term effect of PM1 on hospital admission for ischemic stroke: A multi-city case-crossover study in China. Environmental Pollution, 2020, 260, 113776.	7.5	32
89	Floods in China, COVID-19, and climate change. Lancet Planetary Health, The, 2020, 4, e443-e444.	11.4	35
90	Wildfires, Global Climate Change, and Human Health. New England Journal of Medicine, 2020, 383, 2173-2181.	27.0	279

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91	Ambient temperature and intentional homicide: A multi-city case-crossover study in the US. Environment International, 2020, 143, 105992.	10.0	38
92	Socioeconomic level and associations between heat exposure and all-cause and cause-specific hospitalization in 1,814 Brazilian cities: AÂnationwide case-crossover study. PLoS Medicine, 2020, 17, e1003369.	8.4	39
93	Temporal trends of the association between ambient temperature and hospitalisations for cardiovascular diseases in Queensland, Australia from 1995 to 2016: A time-stratified case-crossover study. PLoS Medicine, 2020, 17, e1003176.	8.4	53
94	Histone acetyltransferase Gcn5 regulates gene expression by promoting the transcription of histone methyltransferase SET1. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2020, 1863, 194603.	1.9	8
95	Associations of Residential Greenness with Depression and Anxiety in Rural Chinese Adults. Innovation(China), 2020, 1, 100054.	9.1	18
96	Parameter Optimization and Experimental Analysis of Passive Energy Storage Power-Assisted Exoskeleton. Mathematical Problems in Engineering, 2020, 2020, 1-11.	1.1	4
97	Dimensionality Reduction of Hyperspectral Images Based on Improved Spatial–Spectral Weight Manifold Embedding. Sensors, 2020, 20, 4413.	3.8	9
98	Monitoring operational status of electromechanical systems using audiovisual information fusion. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2020, 42, 1.	1.6	3
99	Mining and fine-tuning sugar uptake system for titer improvement of milbemycins in Streptomyces bingchenggensis. Synthetic and Systems Biotechnology, 2020, 5, 214-221.	3.7	21
100	Evaluation of the disability assessment Longshi scale: A multicenter study. Journal of International Medical Research, 2020, 48, 030006052093429.	1.0	6
101	Association of long-term exposure to ambient air pollutants with prolonged sleep latency: The Henan Rural Cohort Study. Environmental Research, 2020, 191, 110116.	7.5	14
102	Dynamic gesture recognition based on feature fusion network and variant ConvLSTM. IET Image Processing, 2020, 14, 2480-2486.	2.5	21
103	The global distribution of lymphatic filariasis, 2000–18: a geospatial analysis. The Lancet Global Health, 2020, 8, e1186-e1194.	6.3	98
104	Multi-Objective Trajectory Planning Method for a Redundantly Actuated Parallel Manipulator Under Hybrid Force and Position Control. IEEE Access, 2020, 8, 216707-216717.	4.2	3
105	Folic Acid Supplementation and the Association between Maternal Airborne Particulate Matter Exposure and Preterm Delivery: A National Birth Cohort Study in China. Environmental Health Perspectives, 2020, 128, 127010.	6.0	11
106	Mobility analysis of a typical multi-loop coupled mechanism based on screw theory and its drive layout optimization. Advances in Mechanical Engineering, 2020, 12, 168781402097621.	1.6	2
107	The system design of external cladding installation robot. International Journal of Advanced Robotic Systems, 2020, 17, 172988142096906.	2.1	1
108	Physical activity attenuated association of air pollution with estimated 10-year atherosclerotic cardiovascular disease risk in a large rural Chinese adult population: A cross-sectional study. Environment International, 2020, 140, 105819.	10.0	36

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109	Ambient air pollutants aggravate association of snoring with prevalent hypertension: results from the Henan Rural Cohort. Chemosphere, 2020, 256, 127108.	8.2	9
110	Long-term effects of ambient air pollutants on suicidal ideation in China: The Henan Rural Cohort Study. Environmental Research, 2020, 188, 109755.	7.5	8
111	Ambient temperature and the risk of preterm birth: A national birth cohort study in the mainland China. Environment International, 2020, 142, 105851.	10.0	30
112	Associations of long-term exposure to air pollutants, physical activity and platelet traits of cardiovascular risk in a rural Chinese population. Science of the Total Environment, 2020, 738, 140182.	8.0	16
113	The association between long-term exposure to low-level PM2.5 and mortality in the state of Queensland, Australia: A modelling study with the difference-in-differences approach. PLoS Medicine, 2020, 17, e1003141.	8.4	79
114	Is long-term PM1 exposure associated with blood lipids and dyslipidemias in a Chinese rural population?. Environment International, 2020, 138, 105637.	10.0	41
115	A Microfluidic Concentration Gradient Maker with Tunable Concentration Profiles by Changing Feed Flow Rate Ratios. Micromachines, 2020, 11, 284.	2.9	9
116	Determination of content of camel milk in adulterated milk samples by normalized realâ€time polymerase chain reaction system based on singleâ€copy nuclear genes. Journal of the Science of Food and Agriculture, 2020, 100, 3465-3470.	3.5	10
117	Attributable risks associated with hospital outpatient visits for mental disorders due to air pollution: A multi-city study in China. Environment International, 2020, 143, 105906.	10.0	43
118	Three-dimensional analyses of cells' positioning on the quadrupole-electrode microfluid chip considering the coupling effect of nDEP, ACEO, and ETF. Biosensors and Bioelectronics, 2020, 165, 112398.	10.1	2
119	Long-term exposure to air pollution might increase prevalence of osteoporosis in Chinese rural population. Environmental Research, 2020, 183, 109264.	7.5	37
120	Antidepressant-like effects of ketamine in a mouse model of serotonergic dysfunction. Neuropharmacology, 2020, 168, 107998.	4.1	17
121	Long-term exposure to ambient air pollution attenuated the association of physical activity with metabolic syndrome in rural Chinese adults: A cross-sectional study. Environment International, 2020, 136, 105459.	10.0	66
122	Associations between long-term exposure to air pollution and blood pressure and effect modifications by behavioral factors. Environmental Research, 2020, 182, 109109.	7.5	65
123	Association between long-term exposure to ambient air pollution and obesity in a Chinese rural population: The Henan Rural Cohort Study. Environmental Pollution, 2020, 260, 114077.	7.5	46
124	Association between long-term exposure to ambient air pollutants and excessive daytime sleepiness in Chinese rural population: The Henan Rural Cohort Study. Chemosphere, 2020, 248, 126103.	8.2	9
125	Candidate gene expression in response to low-level air pollution. Environment International, 2020, 140, 105610.	10.0	10
126	Standing Air Bubble-Based Micro-Hydraulic Capacitors for Flow Stabilization in Syringe Pump-Driven Systems. Micromachines, 2020, 11, 396.	2.9	13

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127	Long-term exposure to airborne particulate matter of $1\hat{A}\hat{1}/4$ m or less and blood pressure in healthy young adults: A national study with 1.2 million pregnancy planners. Environmental Research, 2020, 184, 109113.	7.5	10
128	Association between residential greenness and sleep quality in Chinese rural population. Environment International, 2020, 145, 106100.	10.0	46
129	Trends in Hospital Admission Rates and Associated Direct Healthcare Costs in Brazil: A Nationwide Retrospective Study between 2000 and 2015. Innovation(China), 2020, 1, 100013.	9.1	20
130	Socioeconomic inequality in vulnerability to all-cause and cause-specific hospitalisation associated with temperature variability: a time-series study in 1814 Brazilian cities. Lancet Planetary Health, The, 2020, 4, e566-e576.	11.4	32
131	The Combinatorial Effect of Cisplatin and Moxibustion on Tumor Growth Inhibition with Special Reference to Modulation of the Immune Microenvironment in Lewis Lung Cancer Mice. Evidence-based Complementary and Alternative Medicine, 2020, 2020, 1-14.	1.2	6
132	The Serum BDNF Level Offers Minimum Predictive Value for Motor Function Recovery After Stroke. Translational Stroke Research, 2019, 10, 342-351.	4.2	28
133	Temperature variability and mortality in rural and urban areas in Zhejiang province, China: An application of a spatiotemporal index. Science of the Total Environment, 2019, 647, 1044-1051.	8.0	49
134	Thermal Analysis and Performance Optimization of Quantum Dots in LEDs by Microsphere Model. IEEE Transactions on Electron Devices, 2019, 66, 3896-3902.	3.0	10
135	Short-term exposure to air pollution and conjunctivitis outpatient visits: A multi-city study in China. Environmental Pollution, 2019, 254, 113030.	7.5	37
136	Comparison of Health Impact of Ambient Temperature Between China and Other Countries. , 2019, , $131-151$.		0
137	Predicted temperature-increase-induced global health burden and its regional variability. Environment International, 2019, 131, 105027.	10.0	34
138	Associations of long-term exposure to PM1, PM2.5, NO2 with type 2 diabetes mellitus prevalence and fasting blood glucose levels in Chinese rural populations. Environment International, 2019, 133, 105213.	10.0	47
139	Exogenous pyruvate represses histone gene expression and inhibits cancer cell proliferation via the NAMPT–NAD+–SIRT1 pathway. Nucleic Acids Research, 2019, 47, 11132-11150.	14.5	32
140	Ambient PM1 air pollution, blood pressure, and hypertension: Insights from the 33 Communities Chinese Health Study. Environmental Research, 2019, 170, 252-259.	7.5	49
141	Design of a booster exoskeleton for lumbar spine protection of physical workers. , 2019, , .		3
142	Association of Breastfeeding and Air Pollution Exposure With Lung Function in Chinese Children. JAMA Network Open, 2019, 2, e194186.	5.9	33
143	New developments in our understanding of vitamin D metabolism, action and treatment. Metabolism: Clinical and Experimental, 2019, 98, 112-120.	3.4	66
144	Paradoxical effects of exercise on hippocampal plasticity and cognition in mice with a heterozygous null mutation in the serotonin transporter gene. British Journal of Pharmacology, 2019, 176, 3279-3296.	5 . 4	7

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145	Tunable microfluidic standing air bubbles and its application in acoustic microstreaming. Biomicrofluidics, 2019, 13, 034114.	2.4	6
146	Japanese Encephalitis Virus Induces Apoptosis and Encephalitis by Activating the PERK Pathway. Journal of Virology, 2019, 93, .	3.4	49
147	Forward kinematics analysis and experiment of hybrid high-altitude board installation robot based on screw theory. Advances in Mechanical Engineering, 2019, 11, 168781401984626.	1.6	2
148	Manipulation of bio-micro/nanoparticles in non-Newtonian microflows. Microfluidics and Nanofluidics, 2019, 23, 1.	2.2	31
149	SLIC Superpixel-Based I2,1-Norm Robust Principal Component Analysis for Hyperspectral Image Classification. Sensors, 2019, 19, 479.	3.8	12
150	Set1-catalyzed H3K4 trimethylation antagonizes the HIR/Asf1/Rtt106 repressor complex to promote histone gene expression and chronological life span. Nucleic Acids Research, 2019, 47, 3434-3449.	14.5	29
151	Standing Air Bubble-based Flow Regulation System. , 2019, , .		0
152	Pressure-Driven Micro-Casting for Electrode Fabrication and Its Applications in Wear Grain Detections. Materials, 2019, 12, 3710.	2.9	4
153	Vitamin D and Bone. Handbook of Experimental Pharmacology, 2019, 262, 47-63.	1.8	12
154	Temperature variability and hospitalization for cardiac arrhythmia in Brazil: A nationwide case-crossover study during 2000–2015. Environmental Pollution, 2019, 246, 552-558.	7. 5	24
155	Mortality, morbidity, and hospitalisations due to influenza lower respiratory tract infections, 2017: an analysis for the Global Burden of Disease Study 2017. Lancet Respiratory Medicine, the, 2019, 7, 69-89.	10.7	326
156	Ambient PM1 air pollution and cardiovascular disease prevalence: Insights from the 33 Communities Chinese Health Study. Environment International, 2019, 123, 310-317.	10.0	77
157	Spatiotemporal or temporal index to assess the association between temperature variability and mortality in China?. Environmental Research, 2019, 170, 344-350.	7. 5	4
158	Low-Cost and Desktop-Fabricated Biosensor for Rapid and Sensitive Detection of Circulating D-Dimer Biomarker. IEEE Sensors Journal, 2019, 19, 1245-1251.	4.7	13
159	The association between maternal exposure to ambient particulate matter of 2.5â€Î¼m or less during pregnancy and fetal congenital anomalies in Yinchuan, China: A population-based cohort study. Environment International, 2019, 122, 316-321.	10.0	14
160	Easy-to-operate fabrication of tapered glass capillaries for microdroplet generation. Journal of Micromechanics and Microengineering, 2019, 29, 037001.	2.6	6
161	Neurophysiology and Treatment of Disorders of Consciousness Induced by Traumatic Brain Injury: Orexin Signaling as a Potential Therapeutic Target. Current Pharmaceutical Design, 2019, 25, 4208-4220.	1.9	10
162	AC electrothermal mixing for high conductive biofluids by arc-electrodes. Journal of Micromechanics and Microengineering, 2018, 28, 065004.	2.6	24

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163	Ambient air pollution in relation to diabetes and glucose-homoeostasis markers in China: a cross-sectional study with findings from the 33 Communities Chinese Health Study. Lancet Planetary Health, The, 2018, 2, e64-e73.	11.4	164
164	Spatiotemporal variation of PM1 pollution in China. Atmospheric Environment, 2018, 178, 198-205.	4.1	65
165	Projecting potential spatial and temporal changes in the distribution of Plasmodium vivax and Plasmodium falciparum malaria in China with climate change. Science of the Total Environment, 2018, 627, 1285-1293.	8.0	20
166	Projecting environmental suitable areas for malaria transmission in China under climate change scenarios. Environmental Research, 2018, 162, 203-210.	7.5	29
167	Hand-powered centrifugal microfluidic platform inspired by the spinning top for sample-to-answer diagnostics of nucleic acids. Lab on A Chip, 2018, 18, 610-619.	6.0	81
168	Association of Long-term Exposure to Airborne Particulate Matter of $1\hat{l}$ 4m or Less With Preterm Birth in China. JAMA Pediatrics, 2018, 172, e174872.	6.2	77
169	Temporal change in the impacts of ambient temperature on preterm birth and stillbirth: Brisbane, 1994–2013. Science of the Total Environment, 2018, 634, 579-585.	8.0	57
170	A machine learning method to estimate PM2.5 concentrations across China with remote sensing, meteorological and land use information. Science of the Total Environment, 2018, 636, 52-60.	8.0	406
171	Long-term exposure to ambient air pollution (including PM1) and metabolic syndrome: The 33 Communities Chinese Health Study (33CCHS). Environmental Research, 2018, 164, 204-211.	7.5	88
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