

Yonglong Lu

List of Publications by Year in descending order

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113
papers

6,221
citations

57631

44
h-index

74018

75
g-index

113
all docs

113
docs citations

113
times ranked

6773
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple pollutants stress the coastal ecosystem with climate and anthropogenic drivers. <i>Journal of Hazardous Materials</i> , 2022, 424, 127570.	6.5	28
2	Heavy metals contamination, potential pathways and risks along the Indus Drainage System of Pakistan. <i>Science of the Total Environment</i> , 2022, 809, 151994.	3.9	17
3	Bio-manipulation impacts on per- and polyfluoroalkyl substances accumulation and trophic transfer in an eutrophic lake. <i>Environment International</i> , 2022, 160, 107057.	4.8	10
4	Integrated index-based assessment reveals long-term conservation progress in implementation of Convention on Biological Diversity. <i>Science Advances</i> , 2022, 8, eabj8093.	4.7	4
5	Driving mechanisms for decoupling CO ₂ emissions from economic development in the ten largest emission countries. <i>Ecosystem Health and Sustainability</i> , 2022, 8, .	1.5	9
6	Effects of urbanization on the distribution of polycyclic aromatic hydrocarbons in China's estuarine rivers. <i>Environmental Pollution</i> , 2022, 301, 119001.	3.7	9
7	First report of perfluoroalkyl acids (PFAAs) in the Indus Drainage System: Occurrence, source and environmental risk. <i>Environmental Research</i> , 2022, 211, 113113.	3.7	10
8	Drivers of changes in natural resources consumption of Central African countries. <i>Clean Technologies and Recycling</i> , 2022, 2, 80-102.	1.3	0
9	Coupling relation between urbanization and ecological risk of PAHs on coastal terrestrial ecosystem around the Bohai and Yellow Sea. <i>Environmental Pollution</i> , 2021, 268, 115680.	3.7	14
10	Bioaccumulation, trophic transfer and biomagnification of perfluoroalkyl acids (PFAAs) in the marine food web of the South China Sea. <i>Journal of Hazardous Materials</i> , 2021, 405, 124681.	6.5	47
11	Atmospheric diffusion of perfluoroalkyl acids emitted from fluorochemical industry and its associated health risks. <i>Environment International</i> , 2021, 146, 106247.	4.8	15
12	Biodiversity conservation in a changing environment beyond 2020. <i>Science Advances</i> , 2021, 7, .	4.7	7
13	Transport and environmental risks of perfluoroalkyl acids in a large irrigation and drainage system for agricultural production. <i>Environment International</i> , 2021, 157, 106856.	4.8	12
14	Discovery of Welcome Biopolymers in Surface Water: Improvements in Drinking Water Production. <i>Environmental Science & Technology</i> , 2021, 55, 2076-2086.	4.6	26
15	Drivers of change in China's energy-related CO ₂ emissions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 29-36.	3.3	174
16	Bioaccumulation and human exposure of perfluoroalkyl acids (PFAAs) in vegetables from the largest vegetable production base of China. <i>Environment International</i> , 2020, 135, 105347.	4.8	56
17	Spatial variation in biodiversity loss across China under multiple environmental stressors. <i>Science Advances</i> , 2020, 6, .	4.7	64
18	Regulating wildlife conservation and food safety to prevent human exposure to novel virus. <i>Ecosystem Health and Sustainability</i> , 2020, 6, .	1.5	43

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19	Ecology of industrial pollution in China. <i>Ecosystem Health and Sustainability</i> , 2020, 6, .	1.5	54
20	Managing health risks of perfluoroalkyl acids in aquatic food from a river-estuary-sea environment affected by fluorochemical industry. <i>Environment International</i> , 2020, 138, 105621.	4.8	25
21	Climate change induced eutrophication of cold-water lake in an ecologically fragile nature reserve. <i>Journal of Environmental Sciences</i> , 2019, 75, 359-369.	3.2	27
22	Forty years of reform and opening up: China's progress toward a sustainable path. <i>Science Advances</i> , 2019, 5, eaau9413.	4.7	222
23	Hydrogeochemistry and quality of surface water and groundwater in the drinking water source area of an urbanizing region. <i>Ecotoxicology and Environmental Safety</i> , 2019, 186, 109628.	2.9	46
24	Urban-rural gradients of polycyclic aromatic hydrocarbons in soils at a regional scale: Quantification and prediction. <i>Journal of Environmental Management</i> , 2019, 249, 109406.	3.8	9
25	Assessing the contribution of atmospheric transport and tourism activities to the occurrence of perfluoroalkyl acids (PFAAs) in an Alpine Nature Reserve. <i>Science of the Total Environment</i> , 2019, 697, 133851.	3.9	9
26	Removal of perfluoroalkyl acids (PFAAs) through fluorochemical industrial and domestic wastewater treatment plants and bioaccumulation in aquatic plants in river and artificial wetland. <i>Environment International</i> , 2019, 129, 76-85.	4.8	52
27	Mortality, growth and metabolic responses by 1H-NMR-based metabolomics of earthworms to sodium selenite exposure in soils. <i>Ecotoxicology and Environmental Safety</i> , 2019, 181, 69-77.	2.9	24
28	Occurrence, sources and health risk of polyfluoroalkyl substances (PFASs) in soil, water and sediment from a drinking water source area. <i>Ecotoxicology and Environmental Safety</i> , 2019, 174, 208-217.	2.9	89
29	Multiple crop bioaccumulation and human exposure of perfluoroalkyl substances around a mega fluorochemical industrial park, China: Implication for planting optimization and food safety. <i>Environment International</i> , 2019, 127, 671-684.	4.8	126
30	Occurrence and health risk of perfluoroalkyl acids (PFAAs) in seafood from Yellow Sea, China. <i>Science of the Total Environment</i> , 2019, 665, 1026-1034.	3.9	26
31	Simulating transport, flux, and ecological risk of perfluorooctanoate in a river affected by a major fluorochemical manufacturer in northern China. <i>Science of the Total Environment</i> , 2019, 657, 792-803.	3.9	20
32	Public perception and attitude towards chemical industry park in Dalian, Bohai Rim. <i>Environmental Pollution</i> , 2018, 235, 825-835.	3.7	28
33	Phosphorus recovery: a need for an integrated approach. <i>Ecosystem Health and Sustainability</i> , 2018, 4, 48-57.	1.5	58
34	Distribution, source, and risk of organochlorine pesticides (OCPs) and polychlorinated biphenyls (PCBs) in urban and rural soils around the Yellow and Bohai Seas, China. <i>Environmental Pollution</i> , 2018, 239, 233-241.	3.7	75
35	Tracing perfluoroalkyl substances (PFASs) in soils along the urbanizing coastal area of Bohai and Yellow Seas, China. <i>Environmental Pollution</i> , 2018, 238, 404-412.	3.7	50
36	Risk ranking of environmental contaminants in Xiaoqing River, a heavily polluted river along urbanizing Bohai Rim. <i>Chemosphere</i> , 2018, 204, 28-35.	4.2	33

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37	Biomagnification of Hexabromocyclododecane (HBCD) in a coastal ecosystem near a large producer in China: Human exposure implication through food web transfer. <i>Science of the Total Environment</i> , 2018, 624, 1213-1220.	3.9	29
38	Dynamic multimedia fate simulation of Perfluorooctane Sulfonate (PFOS) from 1981 to 2050 in the urbanizing Bohai Rim of China. <i>Environmental Pollution</i> , 2018, 235, 235-244.	3.7	20
39	Major threats of pollution and climate change to global coastal ecosystems and enhanced management for sustainability. <i>Environmental Pollution</i> , 2018, 239, 670-680.	3.7	213
40	An overview of hexabromocyclododecane (HBCDs) in environmental media with focus on their potential risk and management in China. <i>Environmental Pollution</i> , 2018, 236, 283-295.	3.7	78
41	Potential effects of changes in climate and emissions on distribution and fate of perfluorooctane sulfonate in the Bohai Rim, China. <i>Science of the Total Environment</i> , 2018, 613-614, 352-360.	3.9	20
42	Prevalent fecal contamination in drinking water resources and potential health risks in Swat, Pakistan. <i>Journal of Environmental Sciences</i> , 2018, 72, 1-12.	3.2	44
43	Which commonly monitored chemical contaminant in the Bohai region and the Yangtze and Pearl Rivers of China poses the greatest threat to aquatic wildlife?. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 1115-1121.	2.2	27
44	Transport of Hexabromocyclododecane (HBCD) into the soil, water and sediment from a large producer in China. <i>Science of the Total Environment</i> , 2018, 610-611, 94-100.	3.9	56
45	Priority areas at the frontiers of ecology and energy. <i>Ecosystem Health and Sustainability</i> , 2018, 4, .	1.5	6
46	Are unintentionally produced polychlorinated biphenyls the main source of polychlorinated biphenyl occurrence in soils?. <i>Environmental Pollution</i> , 2018, 243, 492-500.	3.7	22
47	Bridge knowledge gaps in environmental health and safety for sustainable development of nano-industries. <i>Nano Today</i> , 2018, 23, 11-15.	6.2	20
48	Toxicological effects on earthworms (<i>Eisenia fetida</i>) exposed to sub-lethal concentrations of BDE-47 and BDE-209 from a metabolic point. <i>Environmental Pollution</i> , 2018, 240, 653-660.	3.7	34
49	Integrated regional ecological risk assessment of multiple metals in the soils: A case in the region around the Bohai Sea and the Yellow Sea. <i>Environmental Pollution</i> , 2018, 242, 288-297.	3.7	27
50	Multimedia fate and transport simulation of perfluorooctanoic acid/ perfluorooctanoate in an urbanizing area. <i>Science of the Total Environment</i> , 2018, 643, 90-97.	3.9	12
51	Interaction between pollution and climate change augments ecological risk to a coastal ecosystem. <i>Ecosystem Health and Sustainability</i> , 2018, 4, 161-168.	1.5	7
52	Chemical-, site-, and taxa-dependent benthic community health in coastal areas of the Bohai Sea and northern Yellow Sea: A sediment quality triad approach. <i>Science of the Total Environment</i> , 2018, 645, 743-752.	3.9	29
53	Sublethal or not? Responses of multiple biomarkers in <i>Daphnia magna</i> to single and joint effects of BDE-47 and BDE-209. <i>Ecotoxicology and Environmental Safety</i> , 2018, 164, 164-171.	2.9	9
54	Pollution pathways and release estimation of perfluorooctane sulfonate (PFOS) and perfluorooctanoic acid (PFOA) in central and eastern China. <i>Science of the Total Environment</i> , 2017, 580, 1247-1256.	3.9	138

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55	Effects of Perfluorooctane sulfonate on immobilization, heartbeat, reproductive and biochemical performance of <i>Daphnia magna</i> . <i>Chemosphere</i> , 2017, 168, 1613-1618.	4.2	40
56	Home produced eggs: An important pathway of human exposure to perfluorobutanoic acid (PFBA) and perfluorooctanoic acid (PFOA) around a fluorochemical industrial park in China. <i>Environment International</i> , 2017, 101, 1-6.	4.8	56
57	The relative risk and its distribution of endocrine disrupting chemicals, pharmaceuticals and personal care products to freshwater organisms in the Bohai Rim, China. <i>Science of the Total Environment</i> , 2017, 590-591, 633-642.	3.9	62
58	Life cycle analysis of perfluorooctanoic acid (PFOA) and its salts in China. <i>Environmental Science and Pollution Research</i> , 2017, 24, 11254-11264.	2.7	21
59	Determination of water environment standards based on water quality criteria in China: Limitations and feasibilities. <i>Journal of Environmental Sciences</i> , 2017, 57, 127-136.	3.2	9
60	Crop bioaccumulation and human exposure of perfluoroalkyl acids through multi-media transport from a mega fluorochemical industrial park, China. <i>Environment International</i> , 2017, 106, 37-47.	4.8	105
61	Which metal represents the greatest risk to freshwater ecosystem in bohai region of china?. <i>Ecosystem Health and Sustainability</i> , 2017, 3, .	1.5	34
62	Which persistent organic pollutants in the rivers of the Bohai Region of China represent the greatest risk to the local ecosystem?. <i>Chemosphere</i> , 2017, 178, 11-18.	4.2	28
63	Ecogenomic responses of benthic communities under multiple stressors along the marine and adjacent riverine areas of northern Bohai Sea, China. <i>Chemosphere</i> , 2017, 172, 166-174.	4.2	31
64	Traditional and new POPs in environments along the Bohai and Yellow Seas: An overview of China and South Korea. <i>Chemosphere</i> , 2017, 169, 503-515.	4.2	82
65	Response of the phytoplankton community to water quality in a local alpine glacial lake of Xinjiang Tianchi, China: potential drivers and management implications. <i>Environmental Sciences: Processes and Impacts</i> , 2017, 19, 1300-1311.	1.7	8
66	Comprehensive assessment of regional selenium resources in soils based on the analytic hierarchy process: Assessment system construction and case demonstration. <i>Science of the Total Environment</i> , 2017, 605-606, 618-625.	3.9	16
67	Using hydrodynamic model to predict PFOS and PFOA transport in the Daling River and its tributary, a heavily polluted river into the Bohai Sea, China. <i>Chemosphere</i> , 2017, 167, 344-352.	4.2	23
68	E-participation for environmental sustainability in transitional urban China. <i>Sustainability Science</i> , 2017, 12, 187-202.	2.5	51
69	Terrestrial ecosystem health under long-term metal inputs: modeling and risk assessment. <i>Ecosystem Health and Sustainability</i> , 2016, 2, .	1.5	6
70	Perfluoroalkyl acids (PFAAs) in indoor and outdoor dusts around a mega fluorochemical industrial park in China: Implications for human exposure. <i>Environment International</i> , 2016, 94, 667-673.	4.8	59
71	Risk assessment and source identification of perfluoroalkyl acids in surface and ground water: Spatial distribution around a mega-fluorochemical industrial park, China. <i>Environment International</i> , 2016, 91, 69-77.	4.8	118
72	Hexabromocyclododecanes (HBCDDs) in surface soils from coastal cities in North China: Correlation between diastereoisomer profiles and industrial activities. <i>Chemosphere</i> , 2016, 148, 504-510.	4.2	29

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73	Coupled production and emission of short chain perfluoroalkyl acids from a fast developing fluorochemical industry: Evidence from yearly and seasonal monitoring in Daling River Basin, China. <i>Environmental Pollution</i> , 2016, 218, 1234-1244.	3.7	67
74	Regional multi-compartment ecological risk assessment: Establishing cadmium pollution risk in the northern Bohai Rim, China. <i>Environment International</i> , 2016, 94, 283-291.	4.8	38
75	Urban and rural transport of semivolatile organic compounds at regional scale: A multimedia model approach. <i>Journal of Environmental Sciences</i> , 2016, 39, 228-241.	3.2	25
76	Bacterial community compositions in sediment polluted by perfluoroalkyl acids (PFAAs) using Illumina high-throughput sequencing. <i>Environmental Science and Pollution Research</i> , 2016, 23, 10556-10565.	2.7	72
77	Shifts in production of perfluoroalkyl acids affect emissions and concentrations in the environment of the Xiaoqing River Basin, China. <i>Journal of Hazardous Materials</i> , 2016, 307, 55-63.	6.5	104
78	Policy: Five priorities for the UN Sustainable Development Goals. <i>Nature</i> , 2015, 520, 432-433.	13.7	337
79	Are levels of perfluoroalkyl substances in soil related to urbanization in rapidly developing coastal areas in North China?. <i>Environmental Pollution</i> , 2015, 199, 102-109.	3.7	55
80	Impacts of soil and water pollution on food safety and health risks in China. <i>Environment International</i> , 2015, 77, 5-15.	4.8	804
81	A review of sources, multimedia distribution and health risks of perfluoroalkyl acids (PFAAs) in China. <i>Chemosphere</i> , 2015, 129, 87-99.	4.2	207
82	Addressing China's grand challenge of achieving food security while ensuring environmental sustainability. <i>Science Advances</i> , 2015, 1, e1400039.	4.7	182
83	Bioaccumulation characteristics of perfluoroalkyl acids (PFAAs) in coastal organisms from the west coast of South Korea. <i>Chemosphere</i> , 2015, 129, 157-163.	4.2	89
84	Ecosystem health towards sustainability. <i>Ecosystem Health and Sustainability</i> , 2015, 1, 1-15.	1.5	59
85	Exploring the fate, transport and risk of Perfluorooctane Sulfonate (PFOS) in a coastal region of China using a multimedia model. <i>Environment International</i> , 2015, 85, 15-26.	4.8	53
86	Ecological Risk Assessment of Arsenic and Metals in Surface Sediments from Estuarine and Coastal Areas of the Southern Bohai Sea, China. <i>Human and Ecological Risk Assessment (HERA)</i> , 2014, 20, 388-401.	1.7	23
87	Using gridded multimedia model to simulate spatial fate of Benzo[<i>a</i>]pyrene on regional scale. <i>Environment International</i> , 2014, 63, 53-63.	4.8	37
88	Perfluoroalkyl substances and organochlorine pesticides in sediments from Huaihe watershed in China. <i>Journal of Environmental Sciences</i> , 2014, 26, 2198-2206.	3.2	17
89	Ecological risks of polycyclic aromatic hydrocarbons found in coastal sediments along the northern shores of the Bohai Sea (China). <i>Chemistry and Ecology</i> , 2014, 30, 501-512.	0.6	5
90	Nuclear power in China after Fukushima: understanding public knowledge, attitudes, and trust. <i>Journal of Risk Research</i> , 2014, 17, 435-451.	1.4	59

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91	Factors influencing polychlorinated dibenzo-p-dioxin and polychlorinated dibenzofuran (PCDD/F) emissions and control in major industrial sectors: Case evidence from Shandong Province, China. <i>Journal of Environmental Sciences</i> , 2014, 26, 1513-1522.	3.2	6
92	Evaluation of toxicological risk of foodstuffs contaminated with heavy metals in Swat, Pakistan. <i>Ecotoxicology and Environmental Safety</i> , 2014, 108, 224-232.	2.9	66
93	Occurrence and transport of 17 perfluoroalkyl acids in 12 coastal rivers in south Bohai coastal region of China with concentrated fluoropolymer facilities. <i>Environmental Pollution</i> , 2014, 190, 115-122.	3.7	139
94	Effects of age, gender and region on serum concentrations of perfluorinated compounds in general population of Henan, China. <i>Chemosphere</i> , 2014, 110, 104-110.	4.2	35
95	Perfluoroalkyl and polyfluoroalkyl substances in sediments from South Bohai coastal watersheds, China. <i>Marine Pollution Bulletin</i> , 2014, 85, 619-627.	2.3	50
96	Associations between serum concentrations of perfluoroalkyl acids and serum lipid levels in a Chinese population. <i>Ecotoxicology and Environmental Safety</i> , 2014, 106, 246-252.	2.9	49
97	Bioaccumulation of microcystins (MCs) in four fish species from Lake Taihu, China: Assessment of risks to humans. <i>Science of the Total Environment</i> , 2014, 487, 224-232.	3.9	69
98	Why small and medium chemical companies continue to pose severe environmental risks in rural China. <i>Environmental Pollution</i> , 2014, 185, 158-167.	3.7	50
99	PCDD/Fs emission, risk characterization, and reduction in China's secondary copper production industry. <i>Frontiers of Environmental Science and Engineering</i> , 2013, 7, 589-597.	3.3	2
100	Multi-factors influencing the spatial distribution of polycyclic aromatic hydrocarbons in soils surrounding drinking water protection zone. <i>Journal of Environmental Sciences</i> , 2013, 25, 1643-1648.	3.2	10
101	Health risks associated with heavy metals in the drinking water of Swat, northern Pakistan. <i>Journal of Environmental Sciences</i> , 2013, 25, 2003-2013.	3.2	146
102	Combined effects of cadmium and fluoranthene on germination, growth and photosynthesis of soybean seedlings. <i>Journal of Environmental Sciences</i> , 2013, 25, 1936-1946.	3.2	45
103	Polychlorinated dibenzo-p-dioxins and dibenzofurans emissions in a primary copper smelter in China. <i>Chemistry and Ecology</i> , 2013, 29, 234-245.	0.6	2
104	Profiling the environmental risk management of Chinese local environmental agencies. <i>Journal of Risk Research</i> , 2013, 16, 1259-1275.	1.4	8
105	Perfluorinated compounds in water and sediment from coastal regions of the northern Bohai Sea, China. <i>Chemistry and Ecology</i> , 2011, 27, 165-176.	0.6	35
106	Status and fuzzy comprehensive assessment of metals and arsenic contamination in farmland soils along the Yanghe River, China. <i>Chemistry and Ecology</i> , 2011, 27, 415-426.	0.6	20
107	Perfluorinated Compounds in Aquatic Products from Bohai Bay, Tianjin, China. <i>Human and Ecological Risk Assessment (HERA)</i> , 2011, 17, 1279-1291.	1.7	17
108	Organochlorine pesticides (HCHs and DDTs) in soils along the north coastal areas of the Bohai Sea, China. <i>Chemistry and Ecology</i> , 2010, 26, 339-352.	0.6	14

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109	Polycyclic aromatic hydrocarbons in soils of an industrial area of China: multivariate analyses and geostatistics. <i>Chemistry and Ecology</i> , 2010, 26, 35-48.	0.6	5
110	Evaluation and Spatial Diffusion of Health Risk of Persistent Organic Pollutants (POPs) in Soils Surrounding Chemical Industrial Parks in China. <i>Human and Ecological Risk Assessment (HERA)</i> , 2010, 16, 989-1006.	1.7	12
111	Antioxidant and metabolic responses induced by cadmium and pyrene in the earthworm <i>Eisenia fetida</i> in two different systems: contact and soil tests. <i>Chemistry and Ecology</i> , 2009, 25, 205-215.	0.6	27
112	Polycyclic aromatic hydrocarbons in soils around Guanting Reservoir, Beijing, China. <i>Chemistry and Ecology</i> , 2009, 25, 39-48.	0.6	27
113	A review of spatial and temporal assessment of PFOS and PFOA contamination in China. <i>Chemistry and Ecology</i> , 2009, 25, 163-177.	0.6	67