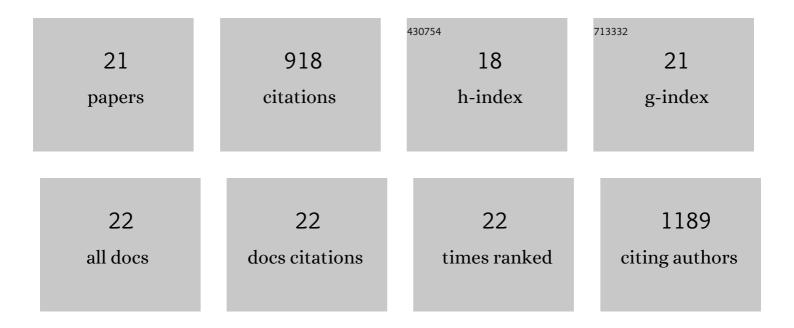
Ranran Wang

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1334423/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Consequential Environmental and Economic Life Cycle Assessment of Green and Gray Stormwater Infrastructures for Combined Sewer Systems. Environmental Science & Technology, 2013, 47, 11189-11198.	4.6	120
2	Energy–Water Nexus Analysis of Enhanced Water Supply Scenarios: A Regional Comparison of Tampa Bay, Florida, and San Diego, California. Environmental Science & Technology, 2014, 48, 5883-5891.	4.6	94
3	Hybrid Analysis of Blue Water Consumption and Water Scarcity Implications at the Global, National, and Basin Levels in an Increasingly Globalized World. Environmental Science & Technology, 2016, 50, 5143-5153.	4.6	84
4	Environmental-social-economic footprints of consumption and trade in the Asia-Pacific region. Nature Communications, 2020, 11, 4490.	5.8	76
5	A technology-based analysis of the water-energy-emission nexus of China's steel industry. Resources, Conservation and Recycling, 2017, 124, 116-128.	5.3	61
6	High sensitivity of metal footprint to national GDP in part explained by capital formation. Nature Geoscience, 2018, 11, 269-273.	5.4	57
7	Economic and Environmental Assessment of Office Building Rainwater Harvesting Systems in Various U.S. Cities. Environmental Science & Technology, 2015, 49, 1768-1778.	4.6	53
8	Preferential adsorption of selenium oxyanions onto {1 1 0} and {0 1 2} nano-hematite facets. Journal o Colloid and Interface Science, 2019, 537, 465-474.	f _{5.0}	40
9	Freshwater Vulnerability beyond Local Water Stress: Heterogeneous Effects of Water-Electricity Nexus Across the Continental United States. Environmental Science & Technology, 2017, 51, 9899-9910.	4.6	38
10	(Virtual) Water Flows Uphill toward Money. Environmental Science & Technology, 2016, 50, 12320-12330.	4.6	34
11	Water scarcity risks mitigated or aggravated by the inter-regional electricity transmission across China. Applied Energy, 2019, 238, 413-422.	5.1	34
12	Water-saving agriculture can deliver deep water cuts for China. Resources, Conservation and Recycling, 2020, 154, 104578.	5.3	34
13	Nexus Strength: A Novel Metric for Assessing the Global Resource Nexus. Journal of Industrial Ecology, 2018, 22, 1473-1486.	2.8	33
14	Strategic design and finance of rainwater harvesting to cost-effectively meet large-scale urban water infrastructure needs. Water Research, 2020, 184, 116063.	5.3	29
15	A system dynamics approach for urban water reuse planning: a case study from the Great Lakes region. Stochastic Environmental Research and Risk Assessment, 2013, 27, 675-691.	1.9	27
16	Energy system decarbonization and productivity gains reduced the coupling of CO2 emissions and economic growth in 73 countries between 1970 and 2016. One Earth, 2021, 4, 1614-1624.	3.6	23
17	Method for endogenizing capital in the United States Environmentallyâ€Extended Inputâ€Output model. Journal of Industrial Ecology, 2019, 23, 1410-1424.	2.8	22
18	A hybrid multi-regional input-output model of China: Integrating the physical agricultural biomass and food system into the monetary supply chain. Resources, Conservation and Recycling, 2022, 177, 105981.	5.3	19

#	Article	IF	CITATIONS
19	Agricultural infrastructure: The forgotten key driving force of crop-related water footprints and virtual water flows in China. Journal of Cleaner Production, 2021, 309, 127455.	4.6	18
20	Linking the Environmental Pressures of China's Capital Development to Global Final Consumption of the Past Decades and into the Future. Environmental Science & Technology, 2021, 55, 6421-6429.	4.6	16
21	Effects of production fragmentation and inter-provincial trade on spatial blue water consumption and scarcity patterns in China. Journal of Cleaner Production, 2022, 334, 130186.	4.6	5