

Kai Liu

List of Publications by Year in descending order

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18
papers

1,850
citations

516710

16
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

1104
citing authors

#	ARTICLE	IF	CITATIONS
1	Cross-oceanic distribution and origin of microplastics in the subsurface water of the South China Sea and Eastern Indian Ocean. <i>Science of the Total Environment</i> , 2022, 805, 150243.	8.0	21
2	Prevalence of microplastic fibers in the marginal sea water column off southeast China. <i>Science of the Total Environment</i> , 2022, 804, 150138.	8.0	19
3	Enhanced impacts evaluation of Typhoon Sinlaku (2020) on atmospheric microplastics in South China Sea during the East Asian Summer Monsoon. <i>Science of the Total Environment</i> , 2022, 806, 150767.	8.0	12
4	Microplastics and nanoplastics in the marine-atmosphere environment. <i>Nature Reviews Earth & Environment</i> , 2022, 3, 393-405.	29.7	121
5	Pelagic microplastics in surface water of the Eastern Indian Ocean during monsoon transition period: Abundance, distribution, and characteristics. <i>Science of the Total Environment</i> , 2021, 755, 142629.	8.0	61
6	To what extent are we really free from airborne microplastics?. <i>Science of the Total Environment</i> , 2021, 754, 142118.	8.0	37
7	Accumulation of microplastics in a downstream area of a semi-enclosed bay: Implications of input from coastal currents. <i>Science of the Total Environment</i> , 2021, 791, 148280.	8.0	16
8	Efficient transport of atmospheric microplastics onto the continent via the East Asian summer monsoon. <i>Journal of Hazardous Materials</i> , 2021, 414, 125477.	12.4	54
9	Microplastic abundance and distribution in a Central Asian desert. <i>Science of the Total Environment</i> , 2021, 800, 149529.	8.0	37
10	Atmospheric microplastic over the South China Sea and East Indian Ocean: abundance, distribution and source. <i>Journal of Hazardous Materials</i> , 2020, 389, 121846.	12.4	159
11	Elucidating the vertical transport of microplastics in the water column: A review of sampling methodologies and distributions. <i>Water Research</i> , 2020, 186, 116403.	11.3	45
12	Profiling the Vertical Transport of Microplastics in the West Pacific Ocean and the East Indian Ocean with a Novel in Situ Filtration Technique. <i>Environmental Science & Technology</i> , 2020, 54, 12979-12988.	10.0	60
13	Global inventory of atmospheric fibrous microplastics input into the ocean: An implication from the indoor origin. <i>Journal of Hazardous Materials</i> , 2020, 400, 123223.	12.4	61
14	Terrestrial plants as a potential temporary sink of atmospheric microplastics during transport. <i>Science of the Total Environment</i> , 2020, 742, 140523.	8.0	109
15	Consistent Transport of Terrestrial Microplastics to the Ocean through Atmosphere. <i>Environmental Science & Technology</i> , 2019, 53, 10612-10619.	10.0	306
16	A novel method enabling the accurate quantification of microplastics in the water column of deep ocean. <i>Marine Pollution Bulletin</i> , 2019, 146, 462-465.	5.0	39
17	Accurate quantification and transport estimation of suspended atmospheric microplastics in megacities: Implications for human health. <i>Environment International</i> , 2019, 132, 105127.	10.0	170
18	Source and potential risk assessment of suspended atmospheric microplastics in Shanghai. <i>Science of the Total Environment</i> , 2019, 675, 462-471.	8.0	523