Kai Liu

List of Publications by Year
in descending order

18	1,850	516710 16	839539 18
papers	citations	h-index	g-index

18	18	18	1104
all docs	docs citations	times ranked	citing authors

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