Yuhan Ling

List of Publications by Year in Descending Order

14 papers	1,840 citations	13 h-index	15 g-index
15 ext. papers	2,227 ext. citations	13.8 avg, IF	5.06 L-index

#	Paper	IF	Citations
14	Identifying the physicochemical properties of β-cyclodextrin polymers that determine the adsorption of perfluoroalkyl acids.. *Water Research*, **2021**, 209, 117938	12.5	2
13	Evaluating the effects of water matrix constituents on micropollutant removal by activated carbon and β-cyclodextrin polymer adsorbents. *Water Research*, **2020**, 173, 115551	12.5	21
12	β-Cyclodextrin Polymers on Microcrystalline Cellulose as a Granular Media for Organic Micropollutant Removal from Water. *ACS Applied Materials & Interfaces*, **2019**, 11, 8089-8096	9.5	35
11	Reduction of a Tetrafluoroterephthalonitrile-β-Cyclodextrin Polymer to Remove Anionic Micropollutants and Perfluorinated Alkyl Substances from Water. *Angewandte Chemie - International Edition*, **2019**, 58, 12049-12053	16.4	63
10	Reduction of a Tetrafluoroterephthalonitrile-β-Cyclodextrin Polymer to Remove Anionic Micropollutants and Perfluorinated Alkyl Substances from Water. *Angewandte Chemie*, **2019**, 131, 12177-12181	3.6	22
9	Cross-linker Chemistry Determines the Uptake Potential of Perfluorinated Alkyl Substances by β-Cyclodextrin Polymers. *Macromolecules*, **2019**, 52, 3747-3752	5.5	38
8	QSARs to predict adsorption affinity of organic micropollutants for activated carbon and β-cyclodextrin polymer adsorbents. *Water Research*, **2019**, 154, 217-226	12.5	32
7	Phenolation of cyclodextrin polymers controls their lead and organic micropollutant adsorption. *Chemical Science*, **2018**, 9, 8883-8889	9.4	39
6	Removal of GenX and Perfluorinated Alkyl Substances from Water by Amine-Functionalized Covalent Organic Frameworks. *Journal of the American Chemical Society*, **2018**, 140, 12677-12681	16.4	165
5	Benchmarking Micropollutant Removal by Activated Carbon and Porous β-Cyclodextrin Polymers under Environmentally Relevant Scenarios. *Environmental Science & Technology*, **2017**, 51, 7590-7598	10.3	82
4	β-Cyclodextrin Polymer Network Sequesters Perfluorooctanoic Acid at Environmentally Relevant Concentrations. *Journal of the American Chemical Society*, **2017**, 139, 7689-7692	16.4	184
3	Super-hydrophilic and fouling resistant PVDF ultrafiltration membranes based on a facile prefabricated surface. *Journal of Membrane Science*, **2017**, 541, 529-540	9.6	39
2	Rapid removal of organic micropollutants from water by a porous β-cyclodextrin polymer. *Nature*, **2016**, 529, 190-4	50.4	1038
1	Magnetically separable core-shell structural β-Fe2O3@Cu/Al-MCM-41 nanocomposite and its performance in heterogeneous Fenton catalysis. *Journal of Hazardous Materials*, **2014**, 264, 195-202	12.8	79