

Yuhan Ling

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Rapid removal of organic micropollutants from water by a porous β -cyclodextrin polymer. <i>Nature</i> , 2016 , 529, 190-4	50.4	1038
13	β -Cyclodextrin Polymer Network Sequesters Perfluorooctanoic Acid at Environmentally Relevant Concentrations. <i>Journal of the American Chemical Society</i> , 2017 , 139, 7689-7692	16.4	184
12	Removal of GenX and Perfluorinated Alkyl Substances from Water by Amine-Functionalized Covalent Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2018 , 140, 12677-12681	16.4	165
11	Benchmarking Micropollutant Removal by Activated Carbon and Porous β -Cyclodextrin Polymers under Environmentally Relevant Scenarios. <i>Environmental Science & Technology</i> , 2017 , 51, 7590-7598	10.3	82
10	Magnetically separable core-shell structural $\text{Fe}_2\text{O}_3/\text{Cu}/\text{Al-MCM-41}$ nanocomposite and its performance in heterogeneous Fenton catalysis. <i>Journal of Hazardous Materials</i> , 2014 , 264, 195-202	12.8	79
9	Reduction of a Tetrafluoroterephthalonitrile- β -Cyclodextrin Polymer to Remove Anionic Micropollutants and Perfluorinated Alkyl Substances from Water. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 12049-12053	16.4	63
8	Super-hydrophilic and fouling resistant PVDF ultrafiltration membranes based on a facile prefabricated surface. <i>Journal of Membrane Science</i> , 2017 , 541, 529-540	9.6	39
7	Phenolation of cyclodextrin polymers controls their lead and organic micropollutant adsorption. <i>Chemical Science</i> , 2018 , 9, 8883-8889	9.4	39
6	Cross-linker Chemistry Determines the Uptake Potential of Perfluorinated Alkyl Substances by β -Cyclodextrin Polymers. <i>Macromolecules</i> , 2019 , 52, 3747-3752	5.5	38
5	β -Cyclodextrin Polymers on Microcrystalline Cellulose as a Granular Media for Organic Micropollutant Removal from Water. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 8089-8096	9.5	35
4	QSARs to predict adsorption affinity of organic micropollutants for activated carbon and β -cyclodextrin polymer adsorbents. <i>Water Research</i> , 2019 , 154, 217-226	12.5	32
3	Reduction of a Tetrafluoroterephthalonitrile- β -Cyclodextrin Polymer to Remove Anionic Micropollutants and Perfluorinated Alkyl Substances from Water. <i>Angewandte Chemie</i> , 2019 , 131, 12177-12181	26	22
2	Evaluating the effects of water matrix constituents on micropollutant removal by activated carbon and β -cyclodextrin polymer adsorbents. <i>Water Research</i> , 2020 , 173, 115551	12.5	21
1	Identifying the physicochemical properties of β -cyclodextrin polymers that determine the adsorption of perfluoroalkyl acids.. <i>Water Research</i> , 2021 , 209, 117938	12.5	2