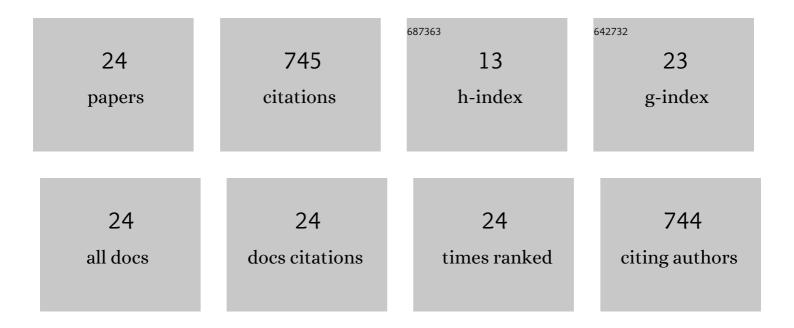
Yang Huang

List of Publications by Year in descending order

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YANG HUANG

#	Article	IF	CITATIONS
1	Composition of EPS fractions from suspended sludge and biofilm and their roles in microbial cell aggregation. Chemosphere, 2014, 117, 59-65.	8.2	165
2	Effects of digestate DOM on chemical behavior of soil heavy metals in an abandoned copper mining areas. Journal of Hazardous Materials, 2020, 393, 122436.	12.4	62
3	Distribution and genetic diversity of microbial populations in the pilot-scale biofilter for simultaneous removal of ammonia, iron and manganese from real groundwater. Chemosphere, 2017, 182, 450-457.	8.2	58
4	Analysis of 17α-ethinylestradiol and bisphenol A adsorption on anthracite surfaces by site energy distribution. Chemosphere, 2019, 216, 59-68.	8.2	46
5	Effect of biochar-derived DOM on the interaction between Cu(II) and biochar prepared at different pyrolysis temperatures. Journal of Hazardous Materials, 2022, 421, 126739.	12.4	45
6	Sorption-desorption behavior of sulfamethoxazole, carbamazepine, bisphenol A and 171±-ethinylestradiol in sewage sludge. Journal of Hazardous Materials, 2019, 368, 739-745.	12.4	43
7	Activated carbon efficient atomistic model construction that depicts experimentally-determined characteristics. Carbon, 2015, 83, 1-14.	10.3	39
8	Competitive adsorption of benzene and water vapor on lignite-based activated carbon: Experiment and molecular simulation study. Chemical Engineering Journal, 2020, 398, 125557.	12.7	35
9	Atomistic modelling insight into the structure of lignite-based activated carbon and benzene sorption behavior. RSC Advances, 2016, 6, 56623-56637.	3.6	30
10	Air–water CO2 and CH4 fluxes along a river–reservoir continuum: Case study in the Pengxi River, a tributary of the Yangtze River in the Three Gorges Reservoir, China. Environmental Monitoring and Assessment, 2017, 189, 223.	2.7	30
11	Effect of dissolved organic matters on adsorption and desorption behavior of heavy metals in a water-level-fluctuation zone of the Three Gorges Reservoir, China. Ecotoxicology and Environmental Safety, 2019, 185, 109695.	6.0	29
12	The application of two-dimensional correlation spectroscopy for the binding properties of heavy metals onto digestate-derived DOM from anaerobic digestion of chicken manure. Ecotoxicology and Environmental Safety, 2020, 204, 111129.	6.0	28
13	Influence of temperature on CODMn and Mn2+ removal and microbial community structure in pilot-scale biofilter. Bioresource Technology, 2020, 316, 123968.	9.6	24
14	Adsorption mechanisms of PFOA onto activated carbon anchored with quaternary ammonium/epoxide-forming compounds: A combination of experiment and model studies. Journal of Environmental Sciences, 2020, 98, 94-102.	6.1	14
15	Performance and microbial community profiles in pilot-scale biofilter for the simultaneous removal of ammonia, iron and manganese at different manganese concentrations. Bioprocess and Biosystems Engineering, 2019, 42, 741-752.	3.4	13
16	Performance and microbial community profiles in pilot-scale biofilter for ammonia, iron and manganese removal at different dissolved oxygen concentrations. World Journal of Microbiology and Biotechnology, 2019, 35, 43.	3.6	13
17	Removing PFOA and nitrate by quaternary ammonium compounds modified carbon and its mechanisms analysis: Effect of base, acid or oxidant pretreatment. Chemosphere, 2020, 242, 125233.	8.2	13
18	An integrated process of calcium hydroxide precipitation and air stripping for pretreatment of flue gas desulfurization wastewater towards zero liquid discharge. Journal of Cleaner Production, 2021, 314, 128077.	9.3	13

YANG HUANG

#	Article	IF	CITATIONS
19	Cyanobacteria in a tributary backwater area in the Three Gorges Reservoir, China. Inland Waters, 2016, 6, 77-88.	2.2	11
20	Recovery of Phosphorus from Aqueous Solution by Iron–Aluminum–Zirconium-Modified Anthracite: Performance and Mechanism. ACS Sustainable Chemistry and Engineering, 2020, 8, 8577-8584.	6.7	11
21	The role of iron-doped g-C3N4 heterogeneous catalysts in Fenton-like process investigated by experiment and theoretical simulation. Chemical Engineering Journal, 2022, 446, 137252.	12.7	10
22	Effects of hydrophyte decomposition on the binding mechanism between fluorescent DOM and copper. Ecotoxicology and Environmental Safety, 2021, 214, 112064.	6.0	8
23	Enhanced anaerobically digested swine wastewater treatment by the composite of polyaluminum chloride (PAC) and Bacillus megatherium G106 derived EPS. Scientific Reports, 2017, 7, 8605.	3.3	5
24	Adsorption behavior of water on lignite-based activated carbon: a molecular dynamics study. Applied Physics A: Materials Science and Processing, 2022, 128, 1.	2.3	0