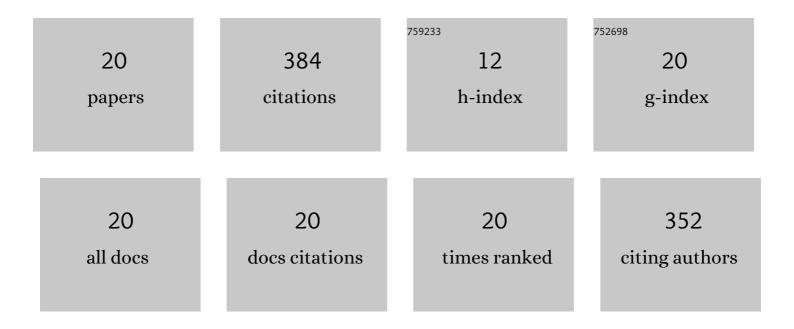
Yanchao Jin

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Simultaneous Removal of Trivalent Chromium and Hexavalent Chromium from Soil Using a Modified Bipolar Membrane Electrodialysis System. Environmental Science & Technology, 2020, 54, 13304-13313.	10.0	55
2	Treatment of raffinate generated via copper ore hydrometallurgical processing using a bipolar membrane electrodialysis system. Chemical Engineering Journal, 2020, 382, 122956.	12.7	44
3	Cr(VI) recovery from chromite ore processing residual using an enhanced electrokinetic process by bipolar membranes. Journal of Membrane Science, 2018, 566, 190-196.	8.2	35
4	Electrochemical disinfection using a modified reticulated vitreous carbon cathode for drinking water treatment. Chemosphere, 2019, 215, 380-387.	8.2	34
5	Enhancement of solar water disinfection using H2O2 generated in situ by electrochemical reduction. Applied Catalysis B: Environmental, 2020, 267, 118730.	20.2	31
6	Photovoltaic and disinfection performance study of a hybrid photovoltaic-solar water disinfection system. Energy, 2016, 106, 757-764.	8.8	29
7	Combination of sunlight with hydrogen peroxide generated at a modified reticulated vitreous carbon for drinking water disinfection. Journal of Cleaner Production, 2020, 252, 119794.	9.3	26
8	The performance and applicability study of a fixed photovoltaic-solar water disinfection system. Energy Conversion and Management, 2016, 123, 549-558.	9.2	19
9	Ammonium and phosphorus recovery and electricity generation from mariculture wastewater by the seawater battery. Energy Conversion and Management, 2018, 160, 396-402.	9.2	16
10	Shape-Stabilized Phase Change Materials with Superior Thermal Conductivity for Thermal Energy Harvesting. ACS Applied Polymer Materials, 2022, 4, 2160-2168.	4.4	16
11	Performance study of SOL&PID system for the degradation of Acid Red 26 and 4-Chlorophenol. Energy Conversion and Management, 2017, 136, 361-371.	9.2	14
12	Integration of electrodialysis and Donnan dialysis for the selective separation of ammonium from high-salinity wastewater. Chemical Engineering Journal, 2021, 405, 127001.	12.7	14
13	The experimental study of a hybrid solar photo-Fenton and photovoltaic system for water purification. Energy Conversion and Management, 2017, 135, 178-187.	9.2	12
14	The effect of Dixon rings on direct contact heat transfer performance: Comparison of counter and co-current evaporation. Applied Thermal Engineering, 2017, 117, 762-772.	6.0	10
15	Spontaneous nutrient recovery and disinfection of aquaculture wastewater via Mg–coconut shell carbon composites. Journal of Hazardous Materials, 2022, 426, 128119.	12.4	9
16	The drinking water disinfection performances and mechanisms of UVA-LEDs promoted by electrolysis. Journal of Hazardous Materials, 2022, 435, 129099.	12.4	8
17	Experimental study of a solar-driven photo-electrochemical hybrid system for the decolorization of Acid Red 26. Energy Conversion and Management, 2017, 150, 775-786.	9.2	7
18	Performance analysis of a solar photochemical photovoltaic hybrid system for decolorization of Acid Red 26 (AR 26). Energy, 2017, 127, 209-217.	8.8	3

#	Article	IF	CITATIONS
19	The effect of packing on direct contact evaporation in spray column. Canadian Journal of Chemical Engineering, 2017, 95, 2209-2220.	1.7	1
20	An indirect evaporative heat pump system. Applied Thermal Engineering, 2017, 121, 791-801.	6.0	1