

# Yanchao Jin

## List of Publications by Year in descending order

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20  
papers

384  
citations

759233

12  
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752698

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20  
docs citations

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times ranked

352  
citing authors

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