Zonglin Pan

List of Publications by Year
in descending order

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19 papers	555 citations	759233 12 h-index	794594 19 g-index
19 all docs	19 docs citations	19 times ranked	465 citing authors

#	Article	IF	Citations
1	Membrane technology coupled with electrochemical advanced oxidation processes for organic wastewater treatment: Recent advances and future prospects. Chemical Engineering Journal, 2019, 376, 120909.	12.7	156
2	Enhanced separation performance of coal-based carbon membranes coupled with an electric field for oily wastewater treatment. Separation and Purification Technology, 2016, 168, 47-56.	7.9	71
3	Electrochemical microfiltration treatment of bisphenol A wastewater using coal-based carbon membrane. Separation and Purification Technology, 2019, 227, 115695.	7.9	51
4	High-performance electrocatalytic microfiltration CuO/Carbon membrane by facile dynamic electrodeposition for small-sized organic pollutants removal. Journal of Membrane Science, 2020, 601, 117913.	8.2	43
5	Low-cost electrochemical filtration carbon membrane prepared from coal via self-bonding. Chemical Engineering Journal, 2020, 385, 123928.	12.7	35
6	The design of coal-based carbon membrane coupled with the electric field and its application on the treatment of malachite green (MG) aqueous solution. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2016, 506, 629-636.	4.7	31
7	Inorganic nanoparticles incorporated in polyacrylonitrileâ€based mixed matrix membranes for hydrophilic, ultrafast, and foulingâ€resistant ultrafiltration. Journal of Applied Polymer Science, 2019, 136, 47902.	2.6	28
8	Electrochemical filtration carbon membrane derived from coal for wastewater treatment: Insights into the evolution of electrical conductivity and electrochemical performance during carbonization. Separation and Purification Technology, 2020, 247, 116948.	7.9	23
9	Preparation and performance of polyaniline modified coal-based carbon membrane for electrochemical filtration treatment of organic wastewater. Separation and Purification Technology, 2022, 287, 120600.	7.9	18
10	A simple, flexible, and porous polypyrroleâ€wax gourd evaporator with excellent light absorption for efficient solar steam generation. International Journal of Energy Research, 2021, 45, 21476-21486.	4.5	14
11	Novel strategy for the efficient degradation of organic contaminants using porous graphite electrodes: Synergistic mechanism of anodic and cathodic reactions. Chemical Engineering Journal, 2022, 429, 132340.	12.7	14
12	Facile morphology-controlled synthesis of ZnO electrocatalysts on coal-based carbon membrane for antibiotics wastewater treatment. Journal of Membrane Science, 2021, 639, 119734.	8.2	13
13	Preparation and application of high-performance and acid-tolerant TiO2/carbon electrocatalytic membrane for organic wastewater treatment. Chemosphere, 2022, 296, 134017.	8.2	12
14	Insights into the impact of polydopamine modification on permeability and anti-fouling performance of forward osmosis membrane. Chemosphere, 2022, 291, 132744.	8.2	10
15	Enhanced organic wastewater treatment performance in electrochemical filtration process of coal-based carbon membrane via the simple Fe2+ addition. Separation and Purification Technology, 2021, 276, 119418.	7.9	9
16	High performance polypyrrole coated carbon-based electrocatalytic membrane for organic contaminants removal from aqueous solution. Journal of Colloid and Interface Science, 2022, 626, 283-295.	9.4	9
17	Silver nanowire-carbon nanotube/coal-based carbon composite membrane with fascinating antimicrobial ability and antibiofouling under electrochemical assistance. Journal of Water Process Engineering, 2020, 38, 101617.	5.6	7
18	Novel strategy to enhance the desalination performance of flow-electrode capacitive deionization process via the assistance of electro-catalytic water splitting. Separation and Purification Technology, 2021, 279, 119753.	7.9	6

#	Article	IF	Citations
19	Discarded Polyimide Film-Derived Hierarchical Porous Carbon Boosting the Energy Density of Supercapacitors in Na₂SO₄ and Spiro-(1,1â€²)-bipyrrolidinium Tetrafluoroborate Electrolytes. ACS Applied Energy Materials, 2022, 5, 1205-1217.	5.1	5