

# Zonglin Pan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7639196/publications.pdf>

Version: 2024-02-01

19  
papers

555  
citations

759190

12  
h-index

794568

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. <i>Chemical Engineering Journal</i> , 2019, 376, 120909.   | 12.7 | 156       |
| 2  | Enhanced separation performance of coal-based carbon membranes coupled with an electric field for oily wastewater treatment. <i>Separation and Purification Technology</i> , 2016, 168, 47-56.   | 7.9  | 71        |
| 3  | Electrochemical microfiltration treatment of bisphenol A wastewater using coal-based carbon membrane. <i>Separation and Purification Technology</i> , 2019, 227, 115695.   | 7.9  | 51        |
| 4  | High-performance electrocatalytic microfiltration CuO/Carbon membrane by facile dynamic electrodeposition for small-sized organic pollutants removal. <i>Journal of Membrane Science</i> , 2020, 601, 117913.  | 8.2  | 43        |
| 5  | Low-cost electrochemical filtration carbon membrane prepared from coal via self-bonding. <i>Chemical Engineering Journal</i> , 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. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2016, 506, 629-636.                  | 4.7  | 31        |
| 7  | Inorganic nanoparticles incorporated in polyacrylonitrile-based mixed matrix membranes for hydrophilic, ultrafast, and fouling-resistant ultrafiltration. <i>Journal of Applied Polymer Science</i> , 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. <i>Separation and Purification Technology</i> , 2020, 247, 116948. | 7.9  | 23        |
| 9  | Preparation and performance of polyaniline modified coal-based carbon membrane for electrochemical filtration treatment of organic wastewater. <i>Separation and Purification Technology</i> , 2022, 287, 120600.  | 7.9  | 18        |
| 10 | A simple, flexible, and porous polypyrrole-wax gourd evaporator with excellent light absorption for efficient solar steam generation. <i>International Journal of Energy Research</i> , 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. <i>Chemical Engineering Journal</i> , 2022, 429, 132340.  | 12.7 | 14        |
| 12 | Facile morphology-controlled synthesis of ZnO electrocatalysts on coal-based carbon membrane for antibiotics wastewater treatment. <i>Journal of Membrane Science</i> , 2021, 639, 119734.   | 8.2  | 13        |
| 13 | Preparation and application of high-performance and acid-tolerant TiO <sub>2</sub> /carbon electrocatalytic membrane for organic wastewater treatment. <i>Chemosphere</i> , 2022, 296, 134017.   | 8.2  | 12        |
| 14 | Insights into the impact of polydopamine modification on permeability and anti-fouling performance of forward osmosis membrane. <i>Chemosphere</i> , 2022, 291, 132744.  | 8.2  | 10        |
| 15 | Enhanced organic wastewater treatment performance in electrochemical filtration process of coal-based carbon membrane via the simple Fe <sup>2+</sup> addition. <i>Separation and Purification Technology</i> , 2021, 276, 119418.                                     | 7.9  | 9         |
| 16 | High performance polypyrrole coated carbon-based electrocatalytic membrane for organic contaminants removal from aqueous solution. <i>Journal of Colloid and Interface Science</i> , 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. <i>Journal of Water Process Engineering</i> , 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. <i>Separation and Purification Technology</i> , 2021, 279, 119753.                                   | 7.9  | 6         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Discarded Polyimide Film-Derived Hierarchical Porous Carbon Boosting the Energy Density of Supercapacitors in Na <sub>2</sub> SO <sub>4</sub> and Spiro-(1,1'-bipyrrolidinium Tetrafluoroborate Electrolytes. ACS Applied Energy Materials, 2022, 5, 1205-1217. | 5.1 | 5         |