

Wei Wang

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

904
citations

840776

11
h-index

940533

16
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17
all docs

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docs citations

17
times ranked

1504
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Preparation of graphene oxide aerogel and its adsorption for Cu ²⁺ ions. Carbon, 2012, 50, 4856-4864. | 10.3 | 453 |
| 2 | Salen-Based Covalent Organic Framework. Journal of the American Chemical Society, 2017, 139, 6042-6045. | 13.7 | 240 |
| 3 | High-efficiency adsorption of phenanthrene by Fe ₃ O ₄ -SiO ₂ -dimethoxydiphenylsilane nanocomposite: Experimental and theoretical study. Journal of Hazardous Materials, 2022, 422, 126948. | 12.4 | 47 |
| 4 | Molten salt synthesis of mullite whiskers on the surface of SiC ceramics. Journal of Alloys and Compounds, 2014, 582, 96-100. | 5.5 | 28 |
| 5 | Metal-organic frameworks based on Schiff base condensation reaction as battery-type electrodes for supercapattery. Electrochimica Acta, 2021, 385, 138434. | 5.2 | 19 |
| 6 | Potassium titanate whiskers on the walls of cordierite honeycomb ceramics for soot catalytic combustion. Ceramics International, 2021, 47, 34828-34835. | 4.8 | 17 |
| 7 | Insight into the high-efficiency adsorption of pyrene by Schiff base porous polymers: Modelling and mechanism. Polymer, 2021, 220, 123576. | 3.8 | 16 |
| 8 | Insight into efficient removal of phenanthrene by Fe ₃ O ₄ -benzhydramine nanocomposite: A combined experimental and DFT studies. Chemical Engineering Journal, 2022, 445, 136824. | 12.7 | 15 |
| 9 | Preparation of biomorphic silicon carbide/mullite ceramics using molten salt synthesis. Materials Chemistry and Physics, 2014, 147, 198-203. | 4.0 | 13 |
| 10 | Preparation and characterization of diesel particle filter (DPF) with hierarchical microstructure for catalytic combustion of soot. Ceramics International, 2022, 48, 9304-9312. | 4.8 | 13 |
| 11 | Catalytic Combustion of Diesel Soot on Ce/Zr Series Catalysts Prepared by Sol-Gel Method. Catalysts, 2019, 9, 646. | 3.5 | 12 |
| 12 | Preparation and Modification of Mullite Whiskers/Cordierite Porous Ceramics for Cu ²⁺ Adsorption and Removing. ACS Omega, 2020, 5, 15691-15701. | 3.5 | 12 |
| 13 | Synthesis of Cost-Effective Pomelo Peel Dimethoxydiphenylsilane-Derived Materials for Pyrene Adsorption: From Surface Properties to Adsorption Mechanisms. ACS Omega, 2020, 5, 9465-9476. | 3.5 | 8 |
| 14 | Facile Synthesis of Polymeric Schiff Base Metal Complex as Electrode for High-performance Supercapacitors. Journal of the Electrochemical Society, 2020, 167, 090544. | 2.9 | 6 |
| 15 | Preparation and characterization of Schiff base metal complexes for high performance supercapattery. Journal of Energy Storage, 2022, 48, 103956. | 8.1 | 3 |
| 16 | A facile method to fabricate Al ₄ B ₂ O ₉ whiskers on porous SiC substrates for gas/solid separation. Journal of Advanced Ceramics, 2015, 4, 232-236. | 17.4 | 2 |
| 17 | Synthesis of amino-functionalized silicon fiber cloth composite for effective removal of Cu (II) from wastewater. IOP Conference Series: Earth and Environmental Science, 2022, 983, 012102. | 0.3 | 0 |