

Wei Wang

List of Publications by Year in descending order

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17
papers

904
citations

1051969

10
h-index

1051228

16
g-index

17
all docs

17
docs citations

17
times ranked

1721
citing authors

#	ARTICLE	IF	CITATIONS
1	High-efficiency adsorption of phenanthrene by Fe ₃ O ₄ -SiO ₂ -dimethoxydiphenylsilane nanocomposite: Experimental and theoretical study. <i>Journal of Hazardous Materials</i> , 2022, 422, 126948.	6.5	47
2	Preparation and characterization of Schiff base metal complexes for high performance supercapattery. <i>Journal of Energy Storage</i> , 2022, 48, 103956.	3.9	3
3	Synthesis of amino-functionalized silicon fiber cloth composite for effective removal of Cu (II) from wastewater. <i>IOP Conference Series: Earth and Environmental Science</i> , 2022, 983, 012102.	0.2	0
4	Preparation and characterization of diesel particle filter (DPF) with hierarchical microstructure for catalytic combustion of soot. <i>Ceramics International</i> , 2022, 48, 9304-9312.	2.3	13
5	Insight into efficient removal of phenanthrene by Fe ₃ O ₄ -benzhydramine nanocomposite: A combined experimental and DFT studies. <i>Chemical Engineering Journal</i> , 2022, 445, 136824.	6.6	15
6	Insight into the high-efficiency adsorption of pyrene by Schiff base porous polymers: Modelling and mechanism. <i>Polymer</i> , 2021, 220, 123576.	1.8	16
7	Metal-organic frameworks based on Schiff base condensation reaction as battery-type electrodes for supercapattery. <i>Electrochimica Acta</i> , 2021, 385, 138434.	2.6	19
8	Potassium titanate whiskers on the walls of cordierite honeycomb ceramics for soot catalytic combustion. <i>Ceramics International</i> , 2021, 47, 34828-34835.	2.3	17
9	Preparation and Modification of Mullite Whiskers/Cordierite Porous Ceramics for Cu ²⁺ Adsorption and Removing. <i>ACS Omega</i> , 2020, 5, 15691-15701.	1.6	12
10	Synthesis of Cost-Effective Pomelo Peel Dimethoxydiphenylsilane-Derived Materials for Pyrene Adsorption: From Surface Properties to Adsorption Mechanisms. <i>ACS Omega</i> , 2020, 5, 9465-9476.	1.6	8
11	Facile Synthesis of Polymeric Schiff Base Metal Complex as Electrode for High-performance Supercapacitors. <i>Journal of the Electrochemical Society</i> , 2020, 167, 090544.	1.3	6
12	Catalytic Combustion of Diesel Soot on Ce/Zr Series Catalysts Prepared by Sol-Gel Method. <i>Catalysts</i> , 2019, 9, 646.	1.6	12
13	Salen-Based Covalent Organic Framework. <i>Journal of the American Chemical Society</i> , 2017, 139, 6042-6045.	6.6	240
14	A facile method to fabricate Al ₄ B ₂ O ₉ whiskers on porous SiC substrates for gas-solid separation. <i>Journal of Advanced Ceramics</i> , 2015, 4, 232-236.	8.9	2
15	Preparation of biomorphic silicon carbide-mullite ceramics using molten salt synthesis. <i>Materials Chemistry and Physics</i> , 2014, 147, 198-203.	2.0	13
16	Molten salt synthesis of mullite whiskers on the surface of SiC ceramics. <i>Journal of Alloys and Compounds</i> , 2014, 582, 96-100.	2.8	28
17	Preparation of graphene oxide aerogel and its adsorption for Cu ²⁺ ions. <i>Carbon</i> , 2012, 50, 4856-4864.	5.4	453