

Zhiwei Wang

List of Publications by Year in descending order

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14
papers

628
citations

840776

11
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

723
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly-efficient and selective adsorption of anionic dyes onto hollow polymer microcapsules having a high surface-density of amino groups: Isotherms, kinetics, thermodynamics and mechanism. <i>Journal of Colloid and Interface Science</i> , 2019, 542, 123-135.	9.4	88
2	Polydopamine-coated magnetic nanochains as efficient dye adsorbent with good recyclability and magnetic separability. <i>Journal of Colloid and Interface Science</i> , 2018, 516, 263-273.	9.4	80
3	Fabrication of core@shell structural Fe-Fe ₂ O ₃ @PHCP nanochains with high saturation magnetization and abundant amino groups for hexavalent chromium adsorption and reduction. <i>Journal of Hazardous Materials</i> , 2020, 384, 121483.	12.4	77
4	Large-scale fabrication of N-doped porous carbon nanosheets for dye adsorption and supercapacitor applications. <i>Nanoscale</i> , 2019, 11, 8785-8797.	5.6	75
5	Rapid, high-efficient and selective removal of cationic dyes from wastewater using hollow polydopamine microcapsules: Isotherm, kinetics, thermodynamics and mechanism. <i>Applied Surface Science</i> , 2021, 542, 148633.	6.1	69
6	Tunable-quaternary (N, S, O, P)-doped porous carbon microspheres with ultramicropores for CO ₂ capture. <i>Applied Surface Science</i> , 2020, 507, 145130.	6.1	57
7	A self-template and self-activation co-coupling green strategy to synthesize high surface area ternary-doped hollow carbon microspheres for high performance supercapacitors. <i>Journal of Colloid and Interface Science</i> , 2018, 524, 165-176.	9.4	51
8	Environmentally friendly room temperature synthesis of hierarchical porous Ni(OH) ₂ nanosheets for supercapacitor and catalysis applications. <i>Green Chemistry</i> , 2019, 21, 5960-5968.	9.0	34
9	Magnetic hollow poly(cyclotriphosphazene-co-4,4'-sulfonyldiphenol)-Fe ₃ O ₄ hybrid nanocapsules for adsorbing Safranin T and catalytic oxidation of 3,3',5,5'-tetramethylbenzidine. <i>Journal of Colloid and Interface Science</i> , 2019, 556, 278-291.	9.4	28
10	Mass fabrication of oxygen and nitrogen co-doped 3D hierarchical porous carbon nanosheets by an explosion-assisted strategy for supercapacitor and dye adsorption application. <i>Applied Surface Science</i> , 2020, 529, 147079.	6.1	26
11	Magnetic poly(cyclotriphosphazene-co-4,4'-sulfonyldiphenol) nanotubes modified with glacial acetic acid for removing methylene blue: Adsorption performance and mechanism. <i>European Polymer Journal</i> , 2019, 120, 109198.	5.4	21
12	Bifunctional nanoscale magnetic chains with high saturation magnetization and catalytic activity. <i>Journal of Colloid and Interface Science</i> , 2018, 525, 152-160.	9.4	10
13	Nitrogen, phosphorus and sulfur tri-doped hollow carbon nanocapsules derived from core@shell zeolitic imidazolate framework@poly(cyclotriphosphazene-co-4,4'-sulfonyldiphenol) for advanced supercapacitors. <i>Electrochimica Acta</i> , 2021, 367, 137507.	5.2	10
14	Amino-rich polymer-coated Fe ₃ O ₄ nanoparticles with high adsorption capacity and rapid magnetic separation for anionic dye removal. <i>SN Applied Sciences</i> , 2019, 1, 1.	2.9	2