Zhiwei Wang

List of Publications by Year
in descending order

14	628	840776 11	1058476 14
papers	citations	h-index	g-index

14	14	14	723
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rapid, high-efficient and selective removal of cationic dyes from wastewater using hollow polydopamine microcapsules: Isotherm, kinetics, thermodynamics and mechanism. Applied Surface Science, 2021, 542, 148633.	6.1	69
2	Nitrogen, phosphorus and sulfur tri-doped hollow carbon nanocapsules derived from core@shell zeolitic imidazolate framework@poly(cyclotriphosphazene-co-4,4â€²-sulfonyldiphenol) for advanced supercapacitors. Electrochimica Acta, 2021, 367, 137507.	5.2	10
3	Fabrication of core@shell structural Fe-Fe2O3@PHCP nanochains with high saturation magnetization and abundant amino groups for hexavalent chromium adsorption and reduction. Journal of Hazardous Materials, 2020, 384, 121483.	12.4	77
4	Tunable-quaternary (N, S, O, P)-doped porous carbon microspheres with ultramicropores for CO2 capture. Applied Surface Science, 2020, 507, 145130.	6.1	57
5	Mass fabrication of oxygen and nitrogen co-doped 3D hierarchical porous carbon nanosheets by an explosion-assisted strategy for supercapacitor and dye adsorption application. Applied Surface Science, 2020, 529, 147079.	6.1	26
6	Magnetic poly(cyclotriphosphazene-co-4,4â€²-sulfonyldiphenol) nanotubes modified with glacial acetic acid for removing methylene blue: Adsorption performance and mechanism. European Polymer Journal, 2019, 120, 109198.	5.4	21
7	Amino-rich polymer-coated Feâ€“Fe2O3 nanoparticles with high adsorption capacity and rapid magnetic separation for anionic dye removal. SN Applied Sciences, 2019, 1, 1.	2.9	2
8	Magnetic hollow poly(cyclotriphosphazene-co-4,4â€²-sulfonyldiphenol)-Fe3O4 hybrid nanocapsules for adsorbing Safranine T and catalytic oxidation of 3,3â€²,5,5â€²-tetramethylbenzidine. Journal of Colloid and Interface Science, 2019, 556, 278-291.	9.4	28
9	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. Journal of Colloid and Interface Science, 2019, 542, 123-135.	9.4	88
10	Large-scale fabrication of N-doped porous carbon nanosheets for dye adsorption and supercapacitor applications. Nanoscale, 2019, 11, 8785-8797.	5.6	75
11	Environmentally friendly room temperature synthesis of hierarchical porous Î±-Ni(OH)₂ nanosheets for supercapacitor and catalysis applications. Green Chemistry, 2019, 21, 5960-5968.	9.0	34
12	Polydopamine-coated magnetic nanochains as efficient dye adsorbent with good recyclability and magnetic separability. Journal of Colloid and Interface Science, 2018, 516, 263-273.	9.4	80
13	Bifunctional nanoscale magnetic chains with high saturation magnetization and catalytic activity. Journal of Colloid and Interface Science, 2018, 525, 152-160.	9.4	10
14	A self-template and self-activation co-coupling green strategy to synthesize high surface area ternary-doped hollow carbon microspheres for high performance supercapacitors. Journal of Colloid and Interface Science, 2018, 524, 165-176.	9.4	51