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One-pot solvothermal preparation of magnetic reduced graphene oxide-ferrite hybrids for organic dye removal

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312	Fabrication of magnetic polybenzoxazine-based carbon nanofibers with Fe <sub>3</sub> O <sub>4</sub> inclusions with a hierarchical porous structure for water treatment. <i>Carbon</i> , <b>2012</b> , 50, 5176-5185	10.4	120
311	In situ growth of Ni(x)Co(100-x) nanoparticles on reduced graphene oxide nanosheets and their magnetic and catalytic properties. <b>2012</b> , 4, 2378-86		136
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309	Preparation of graphene/BaFe <sub>12</sub> O <sub>19</sub> /Ni <sub>0.8</sub> Zn <sub>0.2</sub> Fe <sub>2</sub> O <sub>4</sub> nanocomposite and its microwave absorbing properties. <b>2013</b> , 67, 344-350		19
308	Characterizations of in situ grown ceria nanoparticles on reduced graphene oxide as a catalyst for the electrooxidation of hydrazine. <b>2013</b> , 1, 9792		194
307	A solvothermal method to produce RGO-Fe <sub>3</sub> O <sub>4</sub> hybrid composite for fast chromium removal from aqueous solution. <b>2013</b> , 283, 1024-1031		66
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158	Magnetic porous carbon microspheres synthesized by simultaneous activation and magnetization for removing methylene blue. <b>2017</b> , 24, 341-353	20
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152	Synthesis of graphene-transition metal oxide hybrid nanoparticles and their application in various fields. <b>2017</b> , 8, 688-714	76
151	Enhanced Adsorption Removal of Pb(II) and Cr(III) by Using Nickel Ferrite-Reduced Graphene Oxide Nanocomposite. <b>2017</b> , 7, 225	37
150	Multifunctional PMMA@Fe <sub>3</sub> O <sub>4</sub> /DR Magnetic Materials for Efficient Adsorption of Dyes. <b>2017</b> , 10,	17
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140	Magnetic CoFeO nanoparticles supported on graphene oxide (CoFeO/GO) with high catalytic activity for peroxymonosulfate activation and degradation of rhodamine B.. <b>2018</b> , 8, 1351-1360	75
139	Easy-separative MoS <sub>2</sub> -glue sponges with high-efficient dye adsorption and excellent reusability for convenient water treatment. <b>2018</b> , 540, 112-122	41
138	Influence of Fe <sub>3</sub> O <sub>4</sub> nanoparticles decoration on dye adsorption and magnetic separation properties of Fe <sub>3</sub> O <sub>4</sub> /rGO nanocomposites. <b>2018</b> , 53, 2159-2169	17
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136	Synthesis of magnetic carbon nanocomposites by hydrothermal carbonization and pyrolysis. <b>2018</b> , 16, 821-844	48
135	Enhanced Microwave Absorption Properties of Double-Layer Absorbers Based on Spherical NiO and Co <sub>0.2</sub> Ni <sub>0.4</sub> Zn <sub>0.4</sub> Fe <sub>2</sub> O <sub>4</sub> Ferrite Composites. <b>2018</b> , 31, 171-179	23

134	Fabrication of N, P-codoped reduced graphene oxide and its application for organic dye removal. <b>2018</b> , 435, 281-289	33
133	Graphene Bridge $\pi$ n transferring hot electrons from plasmonic Ag nanocubes to TiO <sub>2</sub> nanosheets for enhanced visible light photocatalytic hydrogen evolution. <b>2018</b> , 220, 182-190	70
132	Fabrication of NiFeO magnetic nanoparticles loaded on activated carbon as novel nanoadsorbent for Direct Red 31 and Direct Blue 78 adsorption. <b>2018</b> , 39, 2977-2993	13
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- 8 Rapid removal of organic dyes from aqueous solutions using mesoporous exfoliated graphite. **2022**, 109480 ○
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