

Synthesis and characterization of iron oxide nanoparticles by a chemical method using an external magnetic field

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The economic potential of the African iron-ore tailings: synthesis of magnetite for the removal of trace metals in groundwater—a review. <i>Environmental Earth Sciences</i> , 2019, 78, 1.	1.3	10
2	Phase transformed iron oxide – iron (oxy) hydroxide composite nanoflorets grown on foam-like graphene as a high performing adsorbent. <i>Chemical Engineering Journal</i> , 2020, 388, 124306.	6.6	16
3	Growth and characterization of carbon nanotubes over CoFe ₂ O ₄ -MgO catalysts at different temperatures. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2020, 28, 815-822.	1.0	4
4	Synergistic approach towards the sustainable management of heavy metals in wastewater using mycosynthesized iron oxide nanoparticles: Biofabrication, adsorptive dynamics and chemometric modeling study. <i>Journal of Water Process Engineering</i> , 2020, 37, 101426.	2.6	55
5	One-step statistical design of experiment for the screening and optimization of magnetite nanoparticles yields from solvothermal synthesis. <i>Microporous and Mesoporous Materials</i> , 2021, 312, 110775.	2.2	8
6	Effective Heterogeneous Fenton-Like degradation of Malachite Green Dye Using the Core-Shell Fe ₃ O ₄ @SiO ₂ Nano-Catalyst. <i>ChemistrySelect</i> , 2021, 6, 865-875.	0.7	21
7	Nanoparticles as a novel and promising antiviral platform in veterinary medicine. <i>Archives of Virology</i> , 2021, 166, 2673-2682.	0.9	10
8	Comparison of the Surface Properties of Hydrothermally Synthesised Fe ₃ O ₄ @C Nanocomposites at Variable Reaction Times. <i>Nanomaterials</i> , 2021, 11, 2742.	1.9	5
9	A review on green synthesis of iron (Fe) nanomaterials, its alloys and oxides. <i>Inorganic and Nano-Metal Chemistry</i> , 2022, 52, 20-36.	0.9	5
10	Removal of toxic metal ions (Ni ²⁺ and Cd ²⁺) from wastewater by using TOPO decorated iron oxide nanoparticles. <i>Applied Water Science</i> , 2022, 12, 1.	2.8	11
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12	A recent update on green synthesized iron and iron oxide nanoparticles for environmental applications. <i>Chemosphere</i> , 2022, 308, 136331.	4.2	27
13	Controlled Formation of Hematite–Magnetite Nanoparticles by a Biosynthesis Method and Its Photocatalytic Removal Potential Against Methyl Orange Dye. <i>Journal of Cluster Science</i> , 2023, 34, 2381-2395.	1.7	2
14	Biomonitoring and risk assessment of naturally and chemically synthesized iron-oxide nanoparticles: A comparative approach. <i>Science of the Total Environment</i> , 2023, 872, 161960.	3.9	1