

# Synthesis and surface engineering of iron oxide nanop

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Citation Report

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1974	Iron Oxide Nanoparticle-Micelles (ION-Micelles) for Sensitive (Molecular) Magnetic Particle Imaging and Magnetic Resonance Imaging. <i>PLoS ONE</i> , 2013, 8, e57335.	1.1	54
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1997	Block Copolymer Modified Surfaces for Conjugation of Biomacromolecules with Control of Quantity and Activity. <i>Langmuir</i> , 2013, 29, 1122-1128.	1.6	40
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1999	Internalization Pathways of Anisotropic Disc-Shaped Zeolite L Nanocrystals with Different Surface Properties in HeLa Cancer Cells. <i>Small</i> , 2013, 9, 1809-1820.	5.2	38
2000	Preparation of ZnFe <sub>2</sub> O <sub>4</sub> nanoparticles in the template of silk-fibroin peptide and their neuro-cytocompatibility in PC12 cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 107, 19-26.	2.5	24
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2003	Effects of surface modification on the properties of magnetic nanoparticles/PLA composite drug carriers and in vitro controlled release study. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 431, 80-86.	2.3	30
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2005	Recyclable and stable silver deposited magnetic nanoparticles with poly (vinyl pyrrolidone)-catechol coated iron oxide for antimicrobial activity. <i>Materials Science and Engineering C</i> , 2013, 33, 3786-3794.	3.8	57
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2011	Nafion-based magnetically aligned nanocomposite proton exchange membranes for direct methanol fuel cells. <i>Solid State Ionics</i> , 2013, 232, 58-67.	1.3	33
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2015	Highly water-dispersible surface-functionalized LSMO nanoparticles for magnetic fluid hyperthermia application. <i>New Journal of Chemistry</i> , 2013, 37, 2733.	1.4	60
2016	Enantioselective separation of chiral aromatic amino acids with surface functionalized magnetic nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 105, 267-277.	2.5	68
2017	Influence of ultrasonically assisted synthesis on particle size of magnetic nanoparticles. <i>Journal of Physics and Chemistry of Solids</i> , 2013, 74, 1426-1432.	1.9	10
2018	Nanoparticles of cobalt-substituted hydroxyapatite in regeneration of mandibular osteoporotic bones. <i>Journal of Materials Science: Materials in Medicine</i> , 2013, 24, 343-354.	1.7	83
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2025	Folate-conjugated cross-linked magnetic nanoparticles as potential magnetic resonance probes for in vivo cancer imaging. <i>Journal of Materials Chemistry B</i> , 2013, 1, 3035.	2.9	30
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2032	A Chemically Functionalized Magnetic Nanoplatform for Rapid and Specific Biomolecular Recognition and Separation. <i>Biomacromolecules</i> , 2013, 14, 160-168.	2.6	33
2033	Novel antibody/gold nanoparticle/magnetic nanoparticle nanocomposites for immunomagnetic separation and rapid colorimetric detection of <i>Staphylococcus aureus</i> in milk. <i>Biosensors and Bioelectronics</i> , 2013, 43, 432-439.	5.3	174
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2035	Effect of the nanoparticle synthesis method on dendronized iron oxides as MRI contrast agents. <i>Dalton Transactions</i> , 2013, 42, 2146-2157.	1.6	72
2037	A direct surface modification of iron oxide nanoparticles with various poly(amino acid)s for use as magnetic resonance probes. <i>Journal of Colloid and Interface Science</i> , 2013, 391, 158-167.	5.0	33
2038	Magnetic and degradable polymer/bioactive glass composite nanoparticles for biomedical applications. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 101, 196-204.	2.5	49
2039	Influence of aging time of oleate precursor on the magnetic relaxation of cobalt ferrite nanoparticles synthesized by the thermal decomposition method. <i>Journal of Magnetism and Magnetic Materials</i> , 2013, 328, 41-52.	1.0	67
2040	Nucleation of the electroactive $\beta$ -phase, dielectric and magnetic response of poly(vinylidene fluoride) composites with Fe <sub>2</sub> O <sub>3</sub> nanoparticles. <i>Journal of Non-Crystalline Solids</i> , 2013, 361, 93-99.	1.5	58
2041	Comparative study of genotoxicity and tissue distribution of nano and micron sized iron oxide in rats after acute oral treatment. <i>Toxicology and Applied Pharmacology</i> , 2013, 266, 56-66.	1.3	89
2042	Thermal Energy Dissipation by SiO <sub>2</sub> -Coated Plasmonic-Superparamagnetic Nanoparticles in Alternating Magnetic Fields. <i>Chemistry of Materials</i> , 2013, 25, 4603-4612.	3.2	18
2043	Sonochemical Synthesis of Silica Coated Super Paramagnetic Iron Oxide Nanoparticles. <i>Materials Science Forum</i> , 0, 756, 74-79.	0.3	22
2044	Pulsed Plasma Synthesis of Iron and Nickel Nanoparticles Coated by Carbon for Medical Applications. <i>Japanese Journal of Applied Physics</i> , 2013, 52, 01AJ01.	0.8	18
2045	Alteration in protein profile of <i>Pseudomonas aeruginosa</i> (PTSOX4) coated with magnetic Fe <sub>3</sub> O <sub>4</sub> nanoparticles. <i>Journal of Nanostructure in Chemistry</i> , 2013, 3, 1.	5.3	4

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