

# From iron oxide nanoparticles towards advanced iron-b for biomedical applications

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Molecular nanoclinics: Dream or reality?. <i>Pharmacological Research</i> , 2010, 62, 55-56.	3.1	0
2	Magnetic nanobeads decorated by thermo-responsive PNIPAM shell as medical platforms for the efficient delivery of doxorubicin to tumour cells. <i>Nanoscale</i> , 2011, 3, 619-629.	2.8	84
3	Ultrafast carrier dynamics in gold/iron-oxide nanocrystal heterodimers. <i>Applied Physics Letters</i> , 2011, 99, 011907.	1.5	18
4	A Cast-Mold Approach to Iron Oxide and Pt/Iron Oxide Nanocontainers and Nanoparticles with a Reactive Concave Surface. <i>Journal of the American Chemical Society</i> , 2011, 133, 2205-2217.	6.6	71
5	Solvent free synthesis of nanocrystalline hexaaluminate-type mixed oxides with high specific surface areas for CO oxidation reaction. <i>Catalysis Science and Technology</i> , 2011, 1, 1124.	2.1	19
6	Heating and separation using nanomagnet-functionalized metal-organic frameworks. <i>Chemical Communications</i> , 2011, 47, 3075.	2.2	137
7	“Nanohybrids” Based on pH-Responsive Hydrogels and Inorganic Nanoparticles for Drug Delivery and Sensor Applications. <i>Nano Letters</i> , 2011, 11, 3136-3141.	4.5	99
8	Multifunctional Nanobeads Based on Quantum Dots and Magnetic Nanoparticles: Synthesis and Cancer Cell Targeting and Sorting. <i>ACS Nano</i> , 2011, 5, 1109-1121.	7.3	166
9	Development of Stable, Water-Dispersible, and Biofunctionalizable Superparamagnetic Iron Oxide Nanoparticles. <i>Chemistry of Materials</i> , 2011, 23, 2795-2802.	3.2	84
10	Cytotoxicity and Genotoxicity of Size-Fractionated Iron Oxide (Magnetite) in A549 Human Lung Epithelial Cells: Role of ROS, JNK, and NF- $\kappa$ B. <i>Chemical Research in Toxicology</i> , 2011, 24, 1460-1475.	1.7	145
11	Preparation of a nanocomposite of magnetic, conducting nanoporous polyaniline and hollow manganese ferrite. <i>Polymer Journal</i> , 2011, 43, 745-750.	1.3	28
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13	Magnetic iron oxide nanoparticles with tunable size and free surface obtained via a “green” approach based on laser irradiation in water. <i>Journal of Materials Chemistry</i> , 2011, 21, 18665.	6.7	55
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15	Nanotechnology Platforms; An Innovative Approach to Brain Tumor Therapy. <i>Medicinal Chemistry</i> , 2011, 7, 488-503.	0.7	11
16	Rod-shaped nanostructures based on superparamagnetic nanocrystals as viscosity sensors in liquid. <i>Journal of Applied Physics</i> , 2011, 110, .	1.1	13
17	Effect of pH, citrate treatment and silane-coupling agent concentration on the magnetic, structural and surface properties of functionalized silica-coated iron oxide nanocomposite particles. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2011, 44, 618-627.	1.3	53
18	Three-Dimensional Morphology of Iron Oxide Nanoparticles with Reactive Concave Surfaces. A Compressed Sensing-Electron Tomography (CS-ET) Approach. <i>Nano Letters</i> , 2011, 11, 4666-4673.	4.5	148

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26	Magnetic birefringence of natural and synthetic ferritin. <i>Journal of Magnetism and Magnetic Materials</i> , 2011, 323, 2413-2417.	1.0	32
27	Preparation of magnetic polymer particles with nanoparticles of Fe(0). <i>Journal of Colloid and Interface Science</i> , 2011, 354, 139-143.	5.0	15
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72	Synthesis of nanoparticles, their biocompatibility, and toxicity behavior for biomedical applications. <i>Journal of Materials Chemistry B</i> , 2013, 1, 5186.	2.9	80

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80	Preparation and in vitro release properties of mercaptopurine drug-loaded magnetic microspheres. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2013, 28, 1231-1235.	0.4	3
81	Applications of magnetic metal-organic framework composites. <i>Journal of Materials Chemistry A</i> , 2013, 1, 13033.	5.2	275
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84	Effectiveness of Functionalized Nanosystems for Multimodal Molecular Sensing and Imaging in Medicine. <i>IEEE Sensors Journal</i> , 2013, 13, 2305-2312.	2.4	16
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#	ARTICLE	IF	CITATIONS
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