

Mihyun Park

List of Publications by Year in descending order

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15
papers

3,109
citations

687363

13
h-index

940533

16
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17
all docs

17
docs citations

17
times ranked

5447
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of a T1-Contrast Agent for Magnetic Resonance Imaging Using MnO Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5397-5401.	13.8	545
2	Mesoporous Silica-Coated Hollow Manganese Oxide Nanoparticles as Positive T ₁ Contrast Agents for Labeling and MRI Tracking of Adipose-Derived Mesenchymal Stem Cells. <i>Journal of the American Chemical Society</i> , 2011, 133, 2955-2961.	13.7	491
3	Synthesis of Uniform Ferrimagnetic Magnetite Nanocubes. <i>Journal of the American Chemical Society</i> , 2009, 131, 454-455.	13.7	434
4	Chitosan Oligosaccharide-Stabilized Ferrimagnetic Iron Oxide Nanocubes for Magnetically Modulated Cancer Hyperthermia. <i>ACS Nano</i> , 2012, 6, 5266-5273.	14.6	286
5	Water-Dispersible Ferrimagnetic Iron Oxide Nanocubes with Extremely High r ₂ Relaxivity for Highly Sensitive in Vivo MRI of Tumors. <i>Nano Letters</i> , 2012, 12, 3127-3131.	9.1	269
6	Direct Synthesis of Self-Assembled Ferrite/Carbon Hybrid Nanosheets for High Performance Lithium-Ion Battery Anodes. <i>Journal of the American Chemical Society</i> , 2012, 134, 15010-15015.	13.7	231
7	Synthesis of Uniform Hollow Oxide Nanoparticles through Nanoscale Acid Etching. <i>Nano Letters</i> , 2008, 8, 4252-4258.	9.1	210
8	Magnetosome-like ferrimagnetic iron oxide nanocubes for highly sensitive MRI of single cells and transplanted pancreatic islets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 2662-2667.	7.1	183
9	Hybrid Cellular Nanosheets for High-Performance Lithium-Ion Battery Anodes. <i>Journal of the American Chemical Society</i> , 2015, 137, 11954-11961.	13.7	114
10	Large-Scale Synthesis of Ultrathin Manganese Oxide Nanoplates and Their Applications to T1 MRI Contrast Agents. <i>Chemistry of Materials</i> , 2011, 23, 3318-3324.	6.7	92
11	Synthesis of Uniformly Sized Manganese Oxide Nanocrystals with Various Sizes and Shapes and Characterization of Their T ₁ Magnetic Resonance Relaxivity. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 2148-2155.	2.0	71
12	Two-dimensional assemblies of ultrathin titanate nanosheets for lithium ion battery anodes. <i>RSC Advances</i> , 2014, 4, 12087.	3.6	20
13	Synthesis of nanostructured P2-Na _{2/3} MnO ₂ for high performance sodium-ion batteries. <i>Chemical Communications</i> , 2019, 55, 4757-4760.	4.1	12
14	Cover Picture: Development of a T ₁ -Contrast Agent for Magnetic Resonance Imaging Using MnO Nanoparticles (<i>Angew. Chem. Int. Ed.</i> 28/2007). <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5247-5247.	13.8	6
15	Size control of ferrimagnetic iron oxide nanocubes to achieve optimum static dephasing regime r ₂ relaxivity for in vivo MRI. <i>Proceedings of SPIE</i> , 2012, , .	0.8	0