

Mm Hessian

List of Publications by Year in descending order

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18
papers

1,198
citations

471509

17
h-index

839539

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docs citations

18
times ranked

1194
citing authors

#	ARTICLE	IF	CITATIONS
1	Implementation of La ³⁺ ion substituted M-type strontium hexaferrite powders for enhancement of magnetic properties. Journal of Magnetism and Magnetic Materials, 2020, 498, 166187.	2.3	23
2	Influence of carboxylic acid type on microstructure and magnetic properties of polymeric complex sol-gel driven NiFe ₂ O ₄ . Journal of Magnetism and Magnetic Materials, 2016, 398, 109-115.	2.3	20
3	Effect of Co ²⁺ and Y ³⁺ ions insertion on the microstructure development and magnetic properties of Ni _{0.5} Zn _{0.5} Fe ₂ O ₄ powders synthesized using Co-precipitation method. Journal of Magnetism and Magnetic Materials, 2015, 374, 359-366.	2.3	68
4	Effect of β -rays irradiation on Mn-Ni ferrites: Structure, magnetic properties and positron annihilation studies. Nuclear Instruments & Methods in Physics Research B, 2013, 304, 72-79.	1.4	65
5	Hydrothermal synthesis and characterizations of Ti substituted Mn-ferrites. Journal of Alloys and Compounds, 2012, 529, 29-33.	5.5	52
6	Transformation of silica fume into chemical mechanical polishing (CMP) nano-slurries for advanced semiconductor manufacturing. Powder Technology, 2011, 205, 149-154.	4.2	20
7	Controlling the synthesis conditions for silica nanosphere from semi-burned rice straw. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2009, 162, 14-21.	3.5	89
8	Effect of synthesis conditions on the preparation of YIG powders via co-precipitation method. Journal of Magnetism and Magnetic Materials, 2009, 321, 3752-3757.	2.3	44
9	Structural and magnetic properties of pure and doped nanocrystalline cadmium ferrite. Journal of Alloys and Compounds, 2009, 475, 832-839.	5.5	44
10	Synthesis and magnetic properties of strontium hexaferrite from celestite ore. Journal of Alloys and Compounds, 2009, 476, 373-378.	5.5	45
11	Preparation of silica nanoparticles from semi-burned rice straw ash. Powder Technology, 2008, 185, 31-35.	4.2	96
12	Controlling the composition and magnetic properties of strontium hexaferrite synthesized by co-precipitation method. Journal of Magnetism and Magnetic Materials, 2008, 320, 336-343.	2.3	205
13	Influence of manganese substitution and annealing temperature on the formation, microstructure and magnetic properties of Mn-Zn ferrites. Journal of Magnetism and Magnetic Materials, 2008, 320, 1615-1621.	2.3	118
14	Synthesis and characterization of lithium ferrite by oxalate precursor route. Journal of Magnetism and Magnetic Materials, 2008, 320, 2800-2807.	2.3	65
15	Effect of Fe/Ba mole ratios and surface-active agents on the formation and magnetic properties of co-precipitated barium hexaferrite. Journal of Alloys and Compounds, 2008, 453, 304-308.	5.5	85
16	Synthesis and characterization of barium hexaferrite nanoparticles. Journal of Materials Processing Technology, 2007, 181, 106-109.	6.3	110
17	Enhancement of magnetic properties for the barium hexaferrite prepared through ceramic route. Journal of Analytical and Applied Pyrolysis, 2007, 78, 282-287.	5.5	39
18	Catalytic activity and magnetic properties of barium hexaferrite prepared from barite ore. Materials Research Bulletin, 2007, 42, 1242-1250.	5.2	10