

Mm Hessian

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,198
citations

471509

17
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

1194
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Influence of manganese substitution and annealing temperature on the formation, microstructure and magnetic properties of Mn ²⁺ -Zn ferrites. Journal of Magnetism and Magnetic Materials, 2008, 320, 1615-1621.	2.3	118
3	Synthesis and characterization of barium hexaferrite nanoparticles. Journal of Materials Processing Technology, 2007, 181, 106-109.	6.3	110
4	Preparation of silica nanoparticles from semi-burned rice straw ash. Powder Technology, 2008, 185, 31-35.	4.2	96
5	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
6	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
7	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
8	Synthesis and characterization of lithium ferrite by oxalate precursor route. Journal of Magnetism and Magnetic Materials, 2008, 320, 2800-2807.	2.3	65
9	Effect of β -rays irradiation on Mn ²⁺ -Ni ferrites: Structure, magnetic properties and positron annihilation studies. Nuclear Instruments & Methods in Physics Research B, 2013, 304, 72-79.	1.4	65
10	Hydrothermal synthesis and characterizations of Ti substituted Mn-ferrites. Journal of Alloys and Compounds, 2012, 529, 29-33.	5.5	52
11	Synthesis and magnetic properties of strontium hexaferrite from celestite ore. Journal of Alloys and Compounds, 2009, 476, 373-378.	5.5	45
12	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
13	Structural and magnetic properties of pure and doped nanocrystalline cadmium ferrite. Journal of Alloys and Compounds, 2009, 475, 832-839.	5.5	44
14	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
15	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
16	Transformation of silica fume into chemical mechanical polishing (CMP) nano-slurries for advanced semiconductor manufacturing. Powder Technology, 2011, 205, 149-154.	4.2	20
17	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
18	Catalytic activity and magnetic properties of barium hexaferrite prepared from barite ore. Materials Research Bulletin, 2007, 42, 1242-1250.	5.2	10