

Hesham El-Sayed

List of Publications by Year in descending order

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17
papers

262
citations

933447

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940533

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17
all docs

17
docs citations

17
times ranked

251
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Manganese Substitution on the Magnetic Properties of Nickel-Zinc Ferrite. <i>Journal of Materials Engineering and Performance</i> , 2005, 14, 99-103.	2.5	51
2	Magnetic and dielectric properties of polycrystalline La doped barium Z-type hexaferrite for hyper-frequency applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2013, 24, 282-289.	2.2	36
3	The effect of Al-substitution on structure and electrical properties of Mn-Ni-Zn ferrites. <i>Journal of Materials Science</i> , 2005, 40, 4873-4879.	3.7	34
4	Controlling the composition and the magnetic properties of hexagonal Co ₂ Z ferrite powders synthesized using two different methods. <i>Applied Physics A: Materials Science and Processing</i> , 2013, 112, 963-973.	2.3	21
5	Study of the dc resistivity and thermoelectric power in Mn-substituted Ni ²⁺ -Zn ferrites. <i>Journal of Materials Science</i> , 2007, 42, 149-155.	3.7	20
6	Transport properties of trivalent substituted Li-ferrites. <i>Journal of Materials Science</i> , 2001, 36, 4703-4706.	3.7	15
7	Magnetic Properties and SAR for Gadolinium-Doped Iron Oxide Nanoparticles Prepared by Hydrothermal Method. <i>Crystals</i> , 2021, 11, 1153.	2.2	14
8	The influence of Nd oxide substitution on magnetic and electrical properties of Cu ²⁺ -Zn ferrite. <i>Physica Status Solidi A</i> , 2003, 200, 401-406.	1.7	12
9	Study of the electrical properties of calcium ²⁺ -substituted Li ²⁺ -Zn ferrite. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2008, 205, 2716-2721.	1.8	12
10	Structural, magnetic properties, and induction heating behavior studies of cobalt ferrite nanopowders synthesized using modified co-precipitation method. <i>Particulate Science and Technology</i> , 2018, 36, 172-177.	2.1	12
11	Magnetic properties of La ³⁺ -ion-doped polycrystalline Z-type hexaferrite powders synthesized via the co-precipitation method. <i>Journal of the Korean Physical Society</i> , 2013, 63, 821-825.	0.7	10
12	Metal dichalcogenide nanomeshes: structural, electronic and magnetic properties. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 21183-21195.	2.8	10
13	Enhancement of the magnetic and dielectric properties of cobalt nanoferrite/polymethyl methacrylate composites. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 3163-3167.	2.2	5
14	Improvement of the magnetic properties of Li ²⁺ -Zn ferrite by Bi ³⁺ substitution. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 4866-4870.	2.2	4
15	Optimization and Characterization of Modified Cold Grid Cathode Penning Ion Source. <i>Plasma Chemistry and Plasma Processing</i> , 2021, 41, 1535-1546.	2.4	4
16	Physical and magnetic properties for two types of connectivity of NiFe ₂ O ₄ /PbZr _{0.52} Ti _{0.48} O ₃ (NFO/PZT) composite. <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, 1.	2.3	2
17	Photo-induced magnetoresistance of nanocrystalline ZnO thin film. <i>Indian Journal of Physics</i> , 2015, 89, 1273-1276.	1.8	0