

nagwa Okasha

List of Publications by Year in descending order

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37
papers

914
citations

471509

17
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454955

30
g-index

37
all docs

37
docs citations

37
times ranked

827
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation and characterization of nanometric Mn ferrite via different methods. <i>Nanotechnology</i> , 2008, 19, 065603.	2.6	109
2	Enhancement of the physical properties of rare-earth-substituted Mn-Zn ferrites prepared by flash method. <i>Ceramics International</i> , 2007, 33, 49-58.	4.8	92
3	Influence of rare-earth ions on the structure and magnetic properties of barium W-type hexaferrite. <i>Journal of Magnetism and Magnetic Materials</i> , 2008, 320, 1146-1150.	2.3	69
4	The role of Mg substitution on the microstructure and magnetic properties of Ba Co Zn W-type hexagonal ferrites. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 314, 128-134.	2.3	67
5	Influence of yttrium ions on the magnetic properties of Ni-Zn ferrites. <i>Journal of Magnetism and Magnetic Materials</i> , 2003, 264, 241-250.	2.3	56
6	Enhancement of magnetization of Mg-Mn nanoferrite by γ -irradiation. <i>Journal of Alloys and Compounds</i> , 2010, 490, 307-310.	5.5	41
7	Extraordinary role of rare-earth elements on the transport properties of barium W-type hexaferrite. <i>Materials Chemistry and Physics</i> , 2009, 113, 196-201.	4.0	40
8	Modification of Mn nanoferrite physical properties by gamma, neutron, and laser irradiations. <i>Solid State Sciences</i> , 2011, 13, 1180-1186.	3.2	39
9	Influence of silver doping on the physical properties of Mg ferrites. <i>Journal of Materials Science</i> , 2008, 43, 4192-4197.	3.7	35
10	Dramatic effect of rare earth ion on the electrical and magnetic properties of W-type barium hexaferrites. <i>Physica B: Condensed Matter</i> , 2010, 405, 3223-3233.	2.7	34
11	Influence of Co content on the characterization and magnetic properties of magnetite. <i>Ceramics International</i> , 2010, 36, 1529-1533.	4.8	31
12	Bi-modal improvement of the physico-chemical characteristics of PEG and MFe ₂ O ₄ subnanoferrite. <i>Journal of Alloys and Compounds</i> , 2010, 496, 345-350.	5.5	31
13	Transport and magnetic properties of Co-Zn-La ferrite. <i>Materials Chemistry and Physics</i> , 2004, 83, 107-113.	4.0	27
14	Role of Cu ²⁺ concentration on the structure and transport properties of Cr-Zn ferrites. <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, 3436-3441.	2.3	23
15	Effect of the La ³⁺ ions substitution on the magnetic properties of spinal Li-Zn-ferrites at low temperature. <i>Journal of Materials Research and Technology</i> , 2013, 2, 356-361.	5.8	23
16	Could Mg content control the conduction mechanism of Ba Co Zn-W-type hexagonal ferrites?. <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, 3967-3973.	2.3	20
17	Advanced imaging techniques for characterization of 0.5BaTiO ₃ /0.5Ni _{0.5} Zn _{0.5} Fe ₂ O ₄ multiferroic nanocomposite. <i>Journal of Alloys and Compounds</i> , 2013, 557, 130-141.	5.5	18
18	Synthesis, characterization and studies on magnetic and electrical properties of La _{Aly} Fe _{1-y} O ₃ nanomultiferroic. <i>Journal of Alloys and Compounds</i> , 2013, 553, 308-315.	5.5	18

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19	Optimizing the structure and magnetic properties of SmCo nanoferrites synthesized by auto-combustion processing techniques. Journal of Magnetism and Magnetic Materials, 2014, 358-359, 32-37.	2.3	17
20	Correlation of the physico chemical properties of Zn-substituted La ferrite. Ceramics International, 2005, 31, 361-369.	4.8	15
21	Modification of composite ceramics properties via different preparation techniques. Journal of Magnetism and Magnetic Materials, 2012, 324, 4136-4142.	2.3	14
22	Structural characterization and magnetic properties of Zn _{1-x} Cu _x Cr _{0.8} Fe _{1.2} O ₄ ; 0.1 ≤ x ≤ 0.9. Materials Chemistry and Physics, 2004, 84, 63-70.	4.0	11
23	Novelty, preparation, characterization and enhancement of magnetic properties of Mn nanoferrites using safety binder (egg white). Solid State Sciences, 2011, 13, 1840-1843.	3.2	11
24	Comparative study on the influence of rare earth ions doping in Bi _{0.6} Sr _{0.4} FeO ₃ nanomultiferroics. Journal of Alloys and Compounds, 2016, 689, 1051-1058.	5.5	11
25	Enhancement of the magnetic properties of Al/La multiferroic. Journal of Magnetism and Magnetic Materials, 2012, 324, 2349-2354.	2.3	10
26	Crossover Between PEG and BT/NZF Magnetoelectric Nanocomposites for Tailoring Applicable Multiferroic Materials. Journal of Superconductivity and Novel Magnetism, 2015, 28, 2783-2793.	1.8	10
27	Influence of annealing temperatures on the structural, optical and electrical properties of SnSe films. Journal of Materials Science: Materials in Electronics, 2018, 29, 8354-8363.	2.2	8
28	Synchrotron X-ray absorption fine structure study and dielectric performance of Li _{0.5} Fe _{2.5} O ₄ /BaTiO ₃ multiferroic. Journal of Materials Science: Materials in Electronics, 2021, 32, 21492-21510.	2.2	8
29	Enhanced structure and magnetic properties of doped nanomagnetite by ⁶⁰ Co-irradiation. Journal of Alloys and Compounds, 2018, 737, 356-364.	5.5	7
30	Electrical transport properties of barium-titanium ferrite with a hollandite structure. Materials Chemistry and Physics, 2006, 99, 197-201.	4.0	6
31	One-dimensional nanoferritic rods; synthesis and characterization. Journal of Molecular Structure, 2015, 1099, 330-339.	3.6	5
32	Study of Physical Properties of Co Substituted GdFeO ₃ Orthoferrites and Evaluation of Their Antibacterial Activity. Journal of Inorganic and Organometallic Polymers and Materials, 2020, 30, 4320-4328.	3.7	5
33	Optimization of physical properties of Ag-Li nanoferrites via the facile citrate precursor method. Journal of Alloys and Compounds, 2018, 739, 577-585.	5.5	3
34	INFLUENCE OF ZINC SUBSTITUTION ON SOME PHYSICAL PROPERTIES OF Co-La FERRITE. , 2011, , .		0
35	EFFECTS OF RARE EARTH IONS ON THE QUALITY AND THE MAGNETIC PROPERTIES OF Ag-FERRITES. , 2011, , .		0
36	EFFECTS OF RARE EARTH OXIDES ON SOME PHYSICAL PROPERTIES OF Li-Zn NANOPARTICLE FERRITES. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
37	Optimization of magnetic properties of BaTiO ₃ /Li _{0.5} Fe _{2.5} O ₄ multiferroics prepared via modified low-temperature combustion. Journal of Materials Science: Materials in Electronics, 2022, 33, 7945-7959.	2.2	0