

EAteia, Ebtesam EAteia

List of Publications by Year in descending order

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49
papers

801
citations

471371

17
h-index

580701

25
g-index

53
all docs

53
docs citations

53
times ranked

552
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of filler concentration on the physico-mechanical properties of super abrasion furnace black and silica loaded styrene butadiene rubber. <i>Materials & Design</i> , 2012, 34, 533-540.	5.1	51
2	Effect of rare earth oxides and La ³⁺ ion concentration on some properties of Ni ²⁺ /Zn ferrites. <i>Physica B: Condensed Matter</i> , 2014, 445, 60-67.	1.3	51
3	Comparative study on the physical properties of rare-earth-substituted nano-sized CoFe ₂ O ₄ . <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	1.1	45
4	Novelty characterization and enhancement of magnetic properties of Co and Cu nanoferrites. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 241-249.	1.1	39
5	The Impact of Ni Substitution on the Structural and Magnetic Properties of Mg Nano-Ferrite. <i>Silicon</i> , 2018, 10, 1687-1696.	1.8	35
6	Synthesis and Characterization of EPDM/Ferrite Nanocomposites. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2020, 30, 1041-1048.	1.9	30
7	Spectroscopic and electrical properties of Mg ²⁺ /Ti ferrite doped with different rare-earth elements. <i>Physica B: Condensed Matter</i> , 2006, 381, 144-155.	1.3	29
8	Efficient treatment of lead-containing wastewater by CoFe ₂ O ₄ /graphene nanocomposites. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	1.1	29
9	The effect of Ti ⁴⁺ ions and gamma radiation on the structure and electrical properties of Mg ferrite. <i>Journal of Materials Science</i> , 2007, 42, 3651-3660.	1.7	28
10	Investigation of Cation Distribution and Microstructure of Nano Ferrites Prepared by Different Wet Methods. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2015, 25, 1362-1372.	1.9	28
11	Nonstoichiometry and phase stability of Al and Cr substituted Mg ferrite nanoparticles synthesized by citrate method. <i>Journal of Magnetism and Magnetic Materials</i> , 2017, 426, 217-224.	1.0	28
12	Comparative study on the physical properties of transition metal-doped (Co, Ni, Fe, and Mn) ZnO nanoparticles. <i>Applied Physics A: Materials Science and Processing</i> , 2018, 124, 1.	1.1	25
13	Synthesis, characterization of NdCoO ₃ perovskite and its uses as humidity sensor. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	1.1	24
14	Optimizing the physical properties of cobalt/graphene nanocomposites for technological applications. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	1.1	22
15	Structural and Magnetic Tuning of LaFeO ₃ Orthoferrite Substituted Different Rare Earth Elements to Optimize Their Technological Applications. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2021, 31, 1713-1725.	1.9	21
16	Impact of Gd ³⁺ /graphene substitution on the physical properties of magnesium ferrite nanocomposites. <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 452, 169-178.	1.0	20
17	Physical and magnetic properties of (Ba/Sr) substituted magnesium nano ferrites. <i>Applied Physics A: Materials Science and Processing</i> , 2017, 123, 1.	1.1	19
18	Humidity sensor applications based on mesopores LaCoO ₃ . <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 19254-19261.	1.1	18

#	ARTICLE	IF	CITATIONS
19	Multiferroic properties of Gd/Er doped chromium ferrite nano sized particles synthesized by citrate auto combustion method. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2019, 244, 29-37.	1.7	15
20	Synthesis of nanocubic lithium cobalt ferrite toward high-performance lithium-ion battery. <i>Applied Physics A: Materials Science and Processing</i> , 2022, 128, 1.	1.1	15
21	Modification of Co/Cu nanoferrites properties via Gd ³⁺ /Er ³⁺ -doping. <i>Applied Physics A: Materials Science and Processing</i> , 2017, 123, 1.	1.1	14
22	Improvement of the physical properties of novel (1-x)CoFe ₂ O ₄ +xLaFeO ₃ nanocomposites for technological applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 16547-16553.	1.1	14
23	The impact of antisite disorder on the physical properties of La ₂ FeB ⁿ O ₆ (B ⁿ =Fe, Ni and Co) double perovskites. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 1489-1499.	1.6	14
24	Improvement of the Magnetic Properties of Magnesium Nanoferrites Via Co ²⁺ + /Ca ²⁺ + Doping. <i>Journal of Superconductivity and Novel Magnetism</i> , 2017, 30, 627-633.	0.8	13
25	Assessing of channel structure and magnetic properties on heavy metal ions removal from water. <i>Journal of Materials Science: Materials in Electronics</i> , 2022, 33, 8958-8969.	1.1	13
26	Studies on multifunctional properties of GdFe _{1-x} Co _x O ₃ multiferroics. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	1.1	12
27	Core-Shell Nanoarchitectonics of CoFe ₂ O ₄ Encapsulated La ₂ Fe ₂ O ₆ Nanoparticles for Their Use in Various Applications. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2022, 32, 1389-1399.	1.9	11
28	Interplay between cation distribution and magnetic properties for Co _x Fe _{2-x} O ₄ (0.0 ≤ x ≤ 0.7) nanoparticles. <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, 1.	1.1	10
29	Multiferroic properties of GdFe _{0.9} M _{0.1} O ₃ (M=Ag ¹⁺ , Co ²⁺ and Cr ³⁺) nanoparticles and evaluation of their antibacterial activity. <i>European Physical Journal Plus</i> , 2022, 137, 1.	1.2	10
30	Tuning the Properties of Ba-M Hexaferrite BaFe _{11.5} Co _{0.5} O ₁₉ : A Road Towards Diverse Applications. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2022, 32, 2502-2512.	1.9	10
31	Effect of Different Gd ³⁺ Ion Content on the Electric and Magnetic Properties of Lithium Antimony Ferrite. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2016, 26, 81-90.	1.9	9
32	Optimizing the physical properties of calcium nanoferrites to be suitable in many applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 5846-5851.	1.1	9
33	Synthesis of cobalt/calcium nanoferrites with controllable physical properties. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	1.1	9
34	A study of the magnetic properties and the magneto-crystalline anisotropy for the nano-composites CoFe ₂ O ₄ /Sm _{0.7} La _{0.3} FeO ₃ . <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 4480-4492.	1.1	9
35	Role of coupling divalent cations on the physical properties of SmFeO ₃ prepared by citrate auto-combustion technique. <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	1.1	8
36	Crystal structures and magnetic properties of polyethylene glycol/polyacrylamide encapsulated CoCuFe ₄ O ₈ ferrite nanoparticles. <i>Applied Physics A: Materials Science and Processing</i> , 2020, 126, 1.	1.1	8

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37	Efficient removal of Pb (II) from water solution using $\text{CaFe}_2\text{x}\text{GdxSmyO}_4$ ferrite nanoparticles. Applied Physics A: Materials Science and Processing, 2022, 128, .	1.1	8
38	Impact of GO on Non-stoichiometric $\text{Mg}_{0.85}\text{K}_{0.3}\text{Fe}_2\text{O}_4$ Ferrite Nanoparticles. Journal of Superconductivity and Novel Magnetism, 2022, 35, 2911-2921.	0.8	7
39	Nd:YAG laser irradiation effect on the physical properties of cobalt ferrite nanoparticles. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	1.1	6
40	Correlation between the physical properties and the novel applications of $\text{Mg}_{0.7}\text{Cu}_{0.3}\text{Fe}_2\text{O}_4$ nano-ferrites. Journal of Materials Science: Materials in Electronics, 2017, 28, 10035-10041.	1.1	5
41	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.	1.9	5
42	Growth and characterization of carbon nanotubes over $\text{CoFe}_{2/3}\text{O}_{4/3}$ -MgO catalysts at different temperatures. Fullerenes Nanotubes and Carbon Nanostructures, 2020, 28, 815-822.	1.0	4
43	Development of $\text{Co}_{0.7}\text{Ca}_{0.3}\text{Fe}_2\text{O}_4$ -EPDM nanocomposite for microwave application: Their rheometric behavior, surface topography and electromagnetic parameters. Ceramics International, 2021, 47, 7285-7290.	2.3	4
44	Synthesis and characterization of nonstoichiometric potassium/magnesium nanoferrites for multifunctional applications. Journal of Materials Science: Materials in Electronics, 2018, 29, 1489-1496.	1.1	3
45	Amelioration of ceramic properties via different preparation techniques. Applied Physics A: Materials Science and Processing, 2018, 124, 1.	1.1	3
46	Functionalized multimetal oxide-carbon nanotube-based nanocomposites and their properties. , 2022, , 103-130.		3
47	Core-shell nanomaterials based on $\text{La}_2\text{Fe}_2\text{O}_6$ particles coated with polyvinylpyrrolidone for biomedical applications. Journal of Materials Science: Materials in Electronics, 2020, 31, 19355-19365.	1.1	2
48	Preparation and properties of novel infrared low-emissive coating of acrylic resin/flake copper composites. Materials Research Innovations, 2022, 26, 152-158.	1.0	2
49	Enhancing the Magnetic Properties of Li-Sb Ferrites. Journal of Superconductivity and Novel Magnetism, 2017, 30, 2609-2614.	0.8	0