

Bhagwan Toksha

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

1,360
citations

567281

15
h-index

888059

17
g-index

17
all docs

17
docs citations

17
times ranked

1183
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural investigations and magnetic properties of cobalt ferrite nanoparticles prepared by sol-gel auto combustion method. Solid State Communications, 2008, 147, 479-483.	1.9	225
2	Structural and magnetic properties of In ³⁺ substituted NiFe ₂ O ₄ . Materials Chemistry and Physics, 2009, 117, 163-168.	4.0	214
3	Doping effect of Mn ²⁺ on the magnetic behavior in Ni-Zn ferrite nanoparticles prepared by sol-gel auto-combustion. Journal of Physics and Chemistry of Solids, 2010, 71, 1669-1675.	4.0	172
4	Electrical and magnetic properties of Cr ³⁺ substituted nanocrystalline nickel ferrite. Journal of Applied Physics, 2009, 106, .	2.5	130
5	Autocombustion High-Temperature Synthesis, Structural, and Magnetic Properties of Co _x Fe _{2-2x} O ₄ (0 ≤ x ≤ 1.0). Journal of Physical Chemistry C, 2011, 115, 20905-20912.	3.1	119
6	Influence of Ce ⁴⁺ ions on the structural and magnetic properties of NiFe ₂ O ₄ . Journal of Applied Physics, 2011, 110, .	2.5	101
7	Cation distribution by Rietveld, spectral and magnetic studies of Chromium-substituted nickel ferrites. Applied Physics A: Materials Science and Processing, 2009, 95, 429-434.	2.3	84
8	Effect of Cation Proportion on the Structural and Magnetic Properties of Ni-Zn Ferrites Nano-Size Particles Prepared By Co-Precipitation Technique. Chinese Journal of Chemical Physics, 2008, 21, 381-386.	1.3	64
9	Remarkable influence of Ce ⁴⁺ ions on the electronic conduction of Ni ^{1-x} Ce _x Fe ₂ O ₄ . Scripta Materialia, 2011, 64, 773-776.	5.2	51
10	Structural and electric properties of zinc substituted NiFe ₂ O ₄ nanoparticles prepared by co-precipitation method. Physica B: Condensed Matter, 2010, 405, 2610-2614.	2.7	48
11	STRUCTURAL PROPERTIES AND CATION DISTRIBUTION OF Co-Zn NANO-FERRITES. International Journal of Modern Physics B, 2009, 23, 5629-5638.	2.0	40
12	Frequency, temperature and In ³⁺ dependent electrical conduction in NiFe ₂ O ₄ powder. Powder Technology, 2011, 212, 218-223.	4.2	37
13	Auto-ignition synthesis of CoFe ₂ O ₄ with Al ³⁺ substitution for high frequency applications. Ceramics International, 2017, 43, 14347-14353.	4.8	24
14	Microstructure, magnetic, and dielectric interplay in NiCuZn ferrite with rare earth doping for magneto-dielectric applications. Journal of Magnetism and Magnetic Materials, 2021, 537, 168229.	2.3	17
15	Effect of Cadmium Substitution on Structural and Magnetic Properties of Nano Sized Nickel Ferrite. Chinese Journal of Chemical Physics, 2010, 23, 459-464.	1.3	16
16	A Review on Biodegradable Packaging Films from Vegetative and Food Waste. Chemical Record, 2022, 22, e202100326.	5.8	13
17	The effect of oxidizing agents on the electrical properties of cobalt ferrite. Physica Scripta, 2010, 82, 045703.	2.5	5