

K Maaz

List of Publications by Year in descending order

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31
papers

2,326
citations

394421

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434195

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docs citations

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times ranked

2884
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and magnetic properties of cobalt ferrite (CoFe ₂ O ₄) nanoparticles prepared by wet chemical route. Journal of Magnetism and Magnetic Materials, 2007, 308, 289-295.	2.3	786
2	Synthesis and magnetic characterization of nickel ferrite nanoparticles prepared by co-precipitation route. Journal of Magnetism and Magnetic Materials, 2009, 321, 1838-1842.	2.3	405
3	Temperature dependent coercivity and magnetization of nickel ferrite nanoparticles. Journal of Magnetism and Magnetic Materials, 2010, 322, 2199-2202.	2.3	169
4	Structural analysis of nickel doped cobalt ferrite nanoparticles prepared by coprecipitation route. Physica B: Condensed Matter, 2009, 404, 3947-3951.	2.7	126
5	Magnetic characterization of Co _{1-x} Ni _x Fe ₂ O ₄ (0 ≤ x ≤ 1) nanoparticles prepared by co-precipitation route. Physica E: Low-Dimensional Systems and Nanostructures, 2009, 41, 593-599.	2.7	108
6	Exchange bias and vertical shift in CoFe ₂ O ₄ nanoparticles. Journal of Magnetism and Magnetic Materials, 2007, 313, 266-272.	2.3	94
7	Influence of manganese substitution on structural and magnetic properties of CoFe ₂ O ₄ nanoparticles. Journal of Alloys and Compounds, 2015, 639, 533-540.	5.5	67
8	Magnetic response of core-shell cobalt ferrite nanoparticles at low temperature. Journal of Applied Physics, 2009, 105, .	2.5	62
9	Effect of Crystallographic Texture on Magnetic Characteristics of Cobalt Nanowires. Nanoscale Research Letters, 2010, 5, 1111-1117.	5.7	59
10	Semiconductor to metallic transition and polaron conduction in nanostructured cobalt ferrite. Journal Physics D: Applied Physics, 2011, 44, 165404.	2.8	54
11	Structural and magnetic response of Mn substituted Co ₂ Y-type barium hexaferrites. Journal of Alloys and Compounds, 2016, 686, 1017-1024.	5.5	49
12	Reduced conductivity and enhancement of Debye orientational polarization in lanthanum doped cobalt ferrite nanoparticles. Physica B: Condensed Matter, 2011, 406, 4393-4399.	2.7	48
13	Electrical conduction mechanism in ZnS nanoparticles. Journal of Alloys and Compounds, 2014, 612, 64-68.	5.5	38
14	Temperature induced delocalization of charge carriers and metallic phase in Co _{0.6} Sn _{0.4} Fe ₂ O ₄ nanoparticles. Journal of Applied Physics, 2012, 112, .	2.5	37
15	Effect of temperature on the magnetic characteristics of Ni _{0.5} Co _{0.5} Fe ₂ O ₄ nanoparticles. Materials Chemistry and Physics, 2012, 133, 1006-1010.	4.0	31
16	Characterization of Cobalt Nanowires Fabricated in Anodic Alumina Template Through AC Electrodeposition. IEEE Nanotechnology Magazine, 2010, 9, 223-228.	2.0	23
17	Effect of etching conditions on pore shape in etched ion-track polycarbonate membranes. Radiation Measurements, 2009, 44, 779-782.	1.4	22
18	Single domain limit for Ni _{1-x} Co _x Fe ₂ O ₄ (0 ≤ x ≤ 1) nanoparticles synthesized by coprecipitation route. Materials Chemistry and Physics, 2012, 137, 359-364.	4.0	22

#	ARTICLE	IF	CITATIONS
19	Magnetic behavior of arrays of nickel nanowires: Effect of microstructure and aspect ratio. <i>Materials Chemistry and Physics</i> , 2011, 130, 1103-1108.	4.0	21
20	Fabrication and temperature dependent magnetic properties of nickel nanowires embedded in alumina templates. <i>Ceramics International</i> , 2015, 41, 12081-12086.	4.8	21
21	Nickel segment-length dependent magnetic properties of Au@Ni@Au nanowires at low temperature fabricated by electrochemical deposition. <i>Journal of Solid State Chemistry</i> , 2013, 199, 160-163.	2.9	18
22	Fabrication and size dependent magnetic studies of $\text{Ni}_x\text{Mn}_{1-x}\text{Fe}_2\text{O}_4$ ($x=0.2$) cubic nanoplates. <i>Journal of Alloys and Compounds</i> , 2016, 684, 656-662.	5.5	11
23	Fabrication and temperature-dependent magnetic properties of one-dimensional embedded nickel segment in gold nanowires. <i>Journal of Alloys and Compounds</i> , 2012, 541, 483-487.	5.5	10
24	Fabrication and temperature-dependent magnetic properties of one-dimensional multilayer Au@Ni@Au@Ni@Au nanowires. <i>Journal of Solid State Chemistry</i> , 2014, 210, 116-120.	2.9	10
25	Magnetic properties of one-dimensional embedded nickel nanostructures in gold nanowires. <i>Current Applied Physics</i> , 2012, 12, 65-68.	2.4	8
26	Magnetic and Dielectric Investigations of Mn-Doped Ba Hexaferrite Nanoparticles by Hydrothermal Approach. <i>Journal of Electronic Materials</i> , 2016, 45, 5853-5859.	2.2	8
27	Electronic transport in MoSe_2 FETs modified by latent tracks created by swift heavy ion irradiation. <i>Journal Physics D: Applied Physics</i> , 2019, 52, 125102.	2.8	6
28	Effect of temperature on the exchange bias in naturally oxidized $\text{Ni}_x\text{Co}_{1-x}$ ($x=0.2$) nanowires fabricated by electrochemical deposition technique. <i>Journal of Alloys and Compounds</i> , 2012, 520, 272-276.	5.5	4
29	Effect of aging on the magnetic characteristics of nickel nanowires embedded in polycarbonate. <i>Journal of Applied Physics</i> , 2011, 110, 013908.	2.5	3
30	Correlation between magnetic and electrical properties of $\text{Co}_{0.6}\text{Sn}_{0.4}\text{Fe}_2\text{O}_4$ nanoparticles. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	3
31	Effects of substrate on swift heavy ion irradiation induced defect engineering in MoSe_2 . <i>Materials Chemistry and Physics</i> , 2022, 277, 125624.	4.0	3