

# K Maaz

## List of Publications by Year in descending order

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31  
papers

2,326  
citations

394421

19  
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31  
docs citations

31  
times ranked

2884  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of substrate on swift heavy ion irradiation induced defect engineering in MoSe <sub>2</sub> . Materials Chemistry and Physics, 2022, 277, 125624.	4.0	3
2	Electronic transport in MoSe <sub>2</sub> FETs modified by latent tracks created by swift heavy ion irradiation. Journal Physics D: Applied Physics, 2019, 52, 125102.	2.8	6
3	Magnetic and Dielectric Investigations of Mn-Doped Ba Hexaferrite Nanoparticles by Hydrothermal Approach. Journal of Electronic Materials, 2016, 45, 5853-5859.	2.2	8
4	Structural and magnetic response of Mn substituted Co <sub>2</sub> Y-type barium hexaferrites. Journal of Alloys and Compounds, 2016, 686, 1017-1024.	5.5	49
5	Fabrication and size dependent magnetic studies of Ni <sub>x</sub> Mn <sub>1-x</sub> Fe <sub>2</sub> O <sub>4</sub> (x=0.2) cubic nanoplates. Journal of Alloys and Compounds, 2016, 684, 656-662.	5.5	11
6	Fabrication and temperature dependent magnetic properties of nickel nanowires embedded in alumina templates. Ceramics International, 2015, 41, 12081-12086.	4.8	21
7	Influence of manganese substitution on structural and magnetic properties of CoFe <sub>2</sub> O <sub>4</sub> nanoparticles. Journal of Alloys and Compounds, 2015, 639, 533-540.	5.5	67
8	Fabrication and temperature-dependent magnetic properties of one-dimensional multilayer Au-Ni-Au nanowires. Journal of Solid State Chemistry, 2014, 210, 116-120.	2.9	10
9	Correlation between magnetic and electrical properties of Co <sub>0.6</sub> Sn <sub>0.4</sub> Fe <sub>2</sub> O <sub>4</sub> nanoparticles. Journal of Nanoparticle Research, 2014, 16, 1.	1.9	3
10	Electrical conduction mechanism in ZnS nanoparticles. Journal of Alloys and Compounds, 2014, 612, 64-68.	5.5	38
11	Nickel segment-length dependent magnetic properties of Au-Ni-Au nanowires at low temperature fabricated by electrochemical deposition. Journal of Solid State Chemistry, 2013, 199, 160-163.	2.9	18
12	Temperature induced delocalization of charge carriers and metallic phase in Co <sub>0.6</sub> Sn <sub>0.4</sub> Fe <sub>2</sub> O <sub>4</sub> nanoparticles. Journal of Applied Physics, 2012, 112, .	2.5	37
13	Fabrication and temperature-dependent magnetic properties of one-dimensional embedded nickel segment in gold nanowires. Journal of Alloys and Compounds, 2012, 541, 483-487.	5.5	10
14	Effect of temperature on the exchange bias in naturally oxidized Ni <sub>x</sub> Co <sub>1-x</sub> (x=0.2) nanowires fabricated by electrochemical deposition technique. Journal of Alloys and Compounds, 2012, 520, 272-276.	5.5	4
15	Single domain limit for Ni <sub>1-x</sub> Co <sub>x</sub> Fe <sub>2</sub> O <sub>4</sub> (0 ≤ x ≤ 1) nanoparticles synthesized by coprecipitation route. Materials Chemistry and Physics, 2012, 137, 359-364.	4.0	22
16	Magnetic properties of one-dimensional embedded nickel nanostructures in gold nanowires. Current Applied Physics, 2012, 12, 65-68.	2.4	8
17	Effect of temperature on the magnetic characteristics of Ni <sub>0.5</sub> Co <sub>0.5</sub> Fe <sub>2</sub> O <sub>4</sub> nanoparticles. Materials Chemistry and Physics, 2012, 133, 1006-1010.	4.0	31
18	Semiconductor to metallic transition and polaron conduction in nanostructured cobalt ferrite. Journal Physics D: Applied Physics, 2011, 44, 165404.	2.8	54

#	ARTICLE	IF	CITATIONS
19	Reduced conductivity and enhancement of Debye orientational polarization in lanthanum doped cobalt ferrite nanoparticles. <i>Physica B: Condensed Matter</i> , 2011, 406, 4393-4399.	2.7	48
20	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
21	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
22	Effect of Crystallographic Texture on Magnetic Characteristics of Cobalt Nanowires. <i>Nanoscale Research Letters</i> , 2010, 5, 1111-1117.	5.7	59
23	Temperature dependent coercivity and magnetization of nickel ferrite nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2010, 322, 2199-2202.	2.3	169
24	Characterization of Cobalt Nanowires Fabricated in Anodic Alumina Template Through AC Electrodeposition. <i>IEEE Nanotechnology Magazine</i> , 2010, 9, 223-228.	2.0	23
25	Effect of etching conditions on pore shape in etched ion-track polycarbonate membranes. <i>Radiation Measurements</i> , 2009, 44, 779-782.	1.4	22
26	Structural analysis of nickel doped cobalt ferrite nanoparticles prepared by coprecipitation route. <i>Physica B: Condensed Matter</i> , 2009, 404, 3947-3951.	2.7	126
27	Magnetic characterization of $\text{Co}_{1-x}\text{Ni}_x\text{Fe}_2\text{O}_4$ ( $0 \leq x \leq 1$ ) nanoparticles prepared by co-precipitation route. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2009, 41, 593-599.	2.7	108
28	Synthesis and magnetic characterization of nickel ferrite nanoparticles prepared by co-precipitation route. <i>Journal of Magnetism and Magnetic Materials</i> , 2009, 321, 1838-1842.	2.3	405
29	Magnetic response of core-shell cobalt ferrite nanoparticles at low temperature. <i>Journal of Applied Physics</i> , 2009, 105, .	2.5	62
30	Synthesis and magnetic properties of cobalt ferrite ( $\text{CoFe}_2\text{O}_4$ ) nanoparticles prepared by wet chemical route. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 308, 289-295.	2.3	786
31	Exchange bias and vertical shift in $\text{CoFe}_2\text{O}_4$ nanoparticles. <i>Journal of Magnetism and Magnetic Materials</i> , 2007, 313, 266-272.	2.3	94