

K A Malini

List of Publications by Year in descending order

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15
papers

767
citations

840776

11
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

905
citing authors

#	ARTICLE	IF	CITATIONS
1	Finite size effects on the electrical properties of sol-gel synthesized CoFe ₂ O ₄ powders: deviation from Maxwell-Wagner theory and evidence of surface polarization effects. <i>Journal Physics D: Applied Physics</i> , 2007, 40, 1593-1602.	2.8	166
2	Evidence for polaron conduction in nanostructured manganese ferrite. <i>Journal Physics D: Applied Physics</i> , 2008, 41, 185005.	2.8	149
3	Dielectric properties of rubber ferrite composites containing mixed ferrites. <i>Journal Physics D: Applied Physics</i> , 1999, 32, 1801-1810.	2.8	99
4	Evaluation of a.c. conductivity of rubber ferrite composites from dielectric measurements. <i>Bulletin of Materials Science</i> , 2002, 25, 599-607.	1.7	87
5	Mechanism of ac conduction in nanostructured manganese zinc mixed ferrites. <i>Journal Physics D: Applied Physics</i> , 2009, 42, 165005.	2.8	58
6	Tailoring magnetic and dielectric properties of rubber ferrite composites containing mixed ferrites. <i>Bulletin of Materials Science</i> , 2001, 24, 623-631.	1.7	46
7	Template-Assisted Synthesis and Characterization of Passivated Nickel Nanoparticles. <i>Nanoscale Research Letters</i> , 2010, 5, 889-897.	5.7	34
8	Title is missing!. <i>Journal of Materials Science</i> , 2001, 36, 5551-5557.	3.7	33
9	Effect of cycling on the magnetization of ion exchanged magnetic nanocomposite based on polystyrene. <i>Journal of Materials Science</i> , 2001, 36, 821-824.	3.7	23
10	On the dielectric dispersion and absorption in nanosized manganese zinc mixed ferrites. <i>Journal of Physics Condensed Matter</i> , 2009, 21, 146006.	1.8	22
11	Processability, hardness, and magnetic properties of rubber ferrite composites containing manganese zinc ferrites. <i>Plastics, Rubber and Composites</i> , 2002, 31, 106-113.	2.0	20
12	Low temperature Mössbauer studies on magnetic nanocomposites. <i>Bulletin of Materials Science</i> , 2004, 27, 361-366.	1.7	12
13	Dielectric and mechanical properties of rubber ferrite composites. <i>Plastics, Rubber and Composites</i> , 2002, 31, 449-457.	2.0	11
14	High reliability thermistor probes for early detection of breast cancer using skin contact thermometry with thermal imaging. <i>Materials Express</i> , 2020, 10, 620-628.	0.5	6
15	Early Detection and Parameter Estimation of Tongue Tumour Using Contact Thermometry in a Closed Mouth. <i>International Journal of Thermophysics</i> , 2022, 43, 1.	2.1	1