

B J Madhu

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15
papers

129
citations

5
h-index

11
g-index

18
ext. papers

144
ext. citations

2.9
avg, IF

2.77
L-index

#	Paper	IF	Citations
15	Structural, AC conductivity, dielectric and catalytic behavior of calcium oxide nanoparticles derived from waste eggshells. <i>SN Applied Sciences</i> , 2021 , 3, 1	1.8	0
14	Influence of Zinc Oxide Nanoparticles on the Optical, Dielectric and Electromagnetic Interference Shielding Performance of Polystyrene Films 2021 , 1080-1092		
13	Dielectric, AC conductivity and electromagnetic interference shielding behavior of graphite oxide/polyvinylpyrrolidone composites. <i>SN Applied Sciences</i> , 2020 , 2, 1	1.8	1
12	Structural, dielectric and magnetic studies on polyaniline-decorated Ni _{0.5} Cu _{0.5} Fe ₂ O ₄ nanoferrites for electromagnetic interference shielding applications. <i>Applied Physics A: Materials Science and Processing</i> , 2020 , 126, 1	2.6	4
11	Influence of Zinc Oxide Nanoparticles on the Optical, Dielectric and Electromagnetic Interference Shielding Performance of Polystyrene Films. <i>International Journal of Surface Engineering and Interdisciplinary Materials Science</i> , 2020 , 8, 13-24	0.3	
10	Structural, dielectric, magnetic and electromagnetic interference shielding investigations of polyaniline decorated Co _{0.5} Ni _{0.5} Fe ₂ O ₄ nanoferrites. <i>Journal of Materials Science: Materials in Electronics</i> , 2018 , 29, 3502-3509	2.1	10
9	Electrical Characterization of Shielding Materials 2018 , 89-108		0
8	Influence of TiO ₂ on the electrochemical performance of pasted type Γ nickel hydroxide electrode in alkaline electrolyte. <i>Journal of Energy Chemistry</i> , 2016 , 25, 41-48	12	11
7	Synthesis, Characterization and Dielectric Behavior of Polyaniline/Ni _{0.5} Zn _{0.5} Fe ₂ O ₄ Nanocomposites. <i>Macromolecular Symposia</i> , 2016 , 361, 24-29	0.8	5
6	Structural, dielectric, ac conductivity and electromagnetic shielding properties of polyaniline/Ni _{0.5} Zn _{0.5} Fe ₂ O ₄ composites. <i>Journal of Materials Science: Materials in Electronics</i> , 2016 , 27, 7760-7766	2.1	36
5	Synthesis, spectroscopic and electrochemical performance of pasted Γ nickel hydroxide electrode in alkaline electrolyte. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 135, 683-9	4.4	36
4	Anomalous dielectric and AC conductivity behavior of the nanocrystalline Ni-Cu ferrite synthesized via combustion method 2013 ,		2
3	Dielectric behavior and a. c. conductivity studies on Co _{0.4} Ni _{0.6} Fe ₂ O ₄ nanoparticles synthesized via combustion method 2011 ,		3
2	Dielectric Behavior and AC Conductivity Studies on Cobalt Nanoferrites Synthesized Using Combustion Method 2011 ,		5
1	Evidence of an intermediate phase in ternary Ge ₇ Se _{93-x} Sb _x glasses. <i>European Physical Journal B</i> , 2009 , 71, 21-25	1.2	16