

Shridhar N Mathad

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis and Characterization of Microwave-Assisted Copolymer Membranes of Poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tj 350.	2.0	8
2	Effect of cadmium doping on structural and magnetic studies of Co-Ni ferrites. Science of Sintering, 2021, 53, 407-418.	0.5	8
3	Structural, vibrational and magnetic characterization of copper doped CoMn ₂ O ₄ nano-particles synthesized by chemical route. Science of Sintering, 2021, 53, 429-444.	0.5	5
4	Electrical and Dielectric Studies of the Cd-Doped Co-Ni Ferrites Synthesized by Solid State Reaction Method. Macromolecular Symposia, 2021, 400, 2100113.	0.4	1
5	Sol-Gel Co-Precipitation Synthesis, Anticoagulant and Anti-Platelet Activities of Copper-Doped Nickel Manganite Nanoparticles. Gels, 2021, 7, 269.	2.1	1
6	Influence of Zinc Doped Structural Properties of Nano-Mg ₂ O ₄ Ferrites Synthesized by Co-Precipitation Method. Macromolecular Symposia, 2021, 400, 2100088.	0.4	1
7	Effect of incorporation of copper on structural properties of spinel nickel manganites by co-precipitation method. Materials Science for Energy Technologies, 2020, 3, 201-208.	1.0	12
8	Influence of Cadmium Substitution on Structural and Mechanical Properties of Co-Ni Nano Ferrite Synthesized by Co-Precipitation Method. Macromolecular Symposia, 2020, 393, 1900213.	0.4	6
9	Synthesis and Structural Studies of Zn _{0.95} Cu _{0.05} Mn ₂ O ₄ Ceramics. Macromolecular Symposia, 2020, 392, 1900151.	0.4	0
10	Elastic properties of nano Mg _{1-x} CoxFe ₂ O ₄ (x=0.15, 0.2, 0.25, 0.3, 0.35 and 0.4) synthesized by co-precipitation method. Materials Science for Energy Technologies, 2020, 3, 559-565.	1.0	7
11	Synthesis, structural, W-H plot and size-strain analysis of nano cobalt doped MgFe ₂ O ₄ ferrite. Science of Sintering, 2020, 52, 349-358.	0.5	17
12	Experimental and Simulation Studies on Waste Vegetable Peels as Bio-composite Fillers for Light Duty Applications. Arabian Journal for Science and Engineering, 2019, 44, 7895-7907.	1.7	39
13	Solid-State Synthesis and Structural Features of Li _{0.5} Ni _{0.75} x/2Znx/2Fe ₂ O ₄ Ferrites. International Journal of Self-Propagating High-Temperature Synthesis, 2019, 28, 71-73.	0.2	1
14	Structural and Optical Properties of (110) Plane Textured SnO ₂ :Zn Thin Films. International Journal of Self-Propagating High-Temperature Synthesis, 2019, 28, 34-38.	0.2	2
15	Variation in structural and mechanical properties of Cd-doped Co-Zn ferrites. Materials Science for Energy Technologies, 2019, 2, 455-462.	1.0	25
16	Structural Analysis of Nano Ferrites Synthesized by Combustion and Microwave Methods. International Journal of Self-Propagating High-Temperature Synthesis, 2018, 27, 44-50.	0.2	8
17	Structural and Dielectric Properties of Lead-Free Zr-Doped Barium Titanates. International Journal of Self-Propagating High-Temperature Synthesis, 2018, 27, 26-32.	0.2	4
18	Structural, Electrical, and IR Properties of CuxCo _{1-x} Fe ₂ O ₄ (x = 0, 0.4, 1.0) Prepared by Solid-State Method. International Journal of Self-Propagating High-Temperature Synthesis, 2018, 27, 174-179.	0.2	5

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19	Electrical and Magnetic Properties of $Mg_{1-x}Cd_xFe_2O_4$ Ferrites ($x = 0.2, 0.4, 0.6, 0.8$). International Journal of Self-Propagating High-Temperature Synthesis, 2018, 27, 107-113.	0.2	9
20	Effect of Al doping on structural and mechanical properties of Ni-Cd ferrites. AIP Conference Proceedings, 2018, , .	0.3	1
21	Synthesis and Structural Analysis of Co-Zn-Cd Ferrite by Williamson-Hall and Size-Strain Plot Methods. International Journal of Self-Propagating High-Temperature Synthesis, 2018, 27, 37-43.	0.2	39
22	Resonance shifting by ferrite thick film superstrate. Serbian Journal of Electrical Engineering, 2018, 15, 275-284.	0.2	2
23	Synthesis and structural analysis of $Ni_{0.45}Cu_{0.55}Mn_2O_4$ by Williamson-Hall and size-strain plot methods. Analele Universitii Ovidius Constanța: Seria Chimie, 2018, 29, 122-125.	0.2	4
24	Mechanical and Structural Properties of $Zn_{0.1}Ni_{0.4}Cu_{0.5}Fe_2O_4$ Ferrite. International Journal of Advanced Science and Engineering, 2018, 5, 911.	0.1	5
25	Effect of Sintering Temperature on Structural Properties of Cd doped Co-Zn Ferrite. Journal of Nano- and Electronic Physics, 2018, 10, 01001-1-01001-4.	0.2	4
26	Electrical and magnetic properties of Cd^{+2} doped Ni-Zn ferrites. Inorganic and Nano-Metal Chemistry, 2017, 47, 1145-1149.	0.9	10
27	Structural and mechanical properties of nanograined magnesium ferrite produced by oxalate coprecipitation method. International Journal of Self-Propagating High-Temperature Synthesis, 2017, 26, 75-79.	0.2	5
28	FTIR spectra and elastic properties of Cd-substituted Ni-Zn ferrites. International Journal of Self-Propagating High-Temperature Synthesis, 2017, 26, 33-39.	0.2	23
29	Dielectric and magnetic properties of substituted Ni-Zn ferrite thick films clouded over a half wavelength microstrip rejection filter. International Journal of Self-Propagating High-Temperature Synthesis, 2016, 25, 86-91.	0.2	3
30	Microstructures of $Cd_2O_4 \cdot 3H_2O$ Single Crystal Grown in Silica Gel. Journal of Nano- and Electronic Physics, 2016, 8, 04075-1-04075-4.	0.2	2
31	Synthesis and Structural Investigation of Nano-Sized Cadmium Ferrite. Journal of Modern Materials, 2016, 2, 7-12.	0.8	17
32	Study of lead free ferroelectrics using overlay technique on thick film microstrip ring resonator. Processing and Application of Ceramics, 2016, 10, 41-46.	0.4	1
33	Thick films of magnesium zinc ferrite with lithium substitution: Structural characteristics. International Journal of Self-Propagating High-Temperature Synthesis, 2015, 24, 78-82.	0.2	17
34	Structural and IR study of $Ni_{0.5-x}Cd_xZn_{0.5}Fe_2O_4$. International Journal of Self-Propagating High-Temperature Synthesis, 2015, 24, 241-245.	0.2	19
35	Structural and mechanical properties of Sr-doped barium niobate thick films. International Journal of Self-Propagating High-Temperature Synthesis, 2014, 23, 145-150.	0.2	12
36	Structural and mechanical properties of Sr ⁺² -doped bismuth manganite thick films. International Journal of Self-Propagating High-Temperature Synthesis, 2013, 22, 180-184.	0.2	27

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37	Dielectric spectroscopy and microwave conductivity of bismuth strontium manganites at high frequencies. <i>Electronic Materials Letters</i> , 2013, 9, 87-93.	1.0	17
38	Studies on the properties of Ni _{0.6} Cu _{0.4} Mn ₂ O ₄ NTC ceramic due to Fe doping. <i>Ceramics International</i> , 2012, 38, 5181-5188.	2.3	91
39	Studies on Rod Shaped Bismuth Strontium Manganite Ceramics. <i>Science of Advanced Materials</i> , 2012, 4, 1276-1281.	0.1	6