

Rajendra P Patil

List of Publications by Year in descending order

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39
papers

1,107
citations

394286

19
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395590

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docs citations

39
times ranked

1111
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced photocatalytic degradation of methyl red and thymol blue using titania-alumina-zinc ferrite nanocomposite. Applied Catalysis B: Environmental, 2011, 107, 333-339.	10.8	152
2	Magnetic and dielectric properties of nanophase manganese-substituted lithium ferrite. Journal of Magnetism and Magnetic Materials, 2009, 321, 3270-3273.	1.0	94
3	Gas sensing properties of magnesium ferrite prepared by co-precipitation method. Journal of Alloys and Compounds, 2009, 488, 270-272.	2.8	74
4	Investigation of structural and magnetic properties of nanocrystalline manganese substituted lithium ferrites. Journal of Solid State Chemistry, 2009, 182, 3217-3221.	1.4	69
5	Magnetic and dielectric studies of nanocrystalline zinc substituted Cu-Mn ferrites. Journal of Magnetism and Magnetic Materials, 2011, 323, 389-393.	1.0	63
6	Effect of sintering on photocatalytic degradation of methyl orange using zinc ferrite. Materials Letters, 2011, 65, 371-373.	1.3	56
7	Synthesis, dielectric behavior and impedance measurement studies of Cr-substituted Zn-Mn ferrites. Materials Research Bulletin, 2011, 46, 447-452.	2.7	52
8	Synthesis and characterization of nanocrystalline Ti-substituted Zn ferrite. Journal of Alloys and Compounds, 2011, 509, 2160-2163.	2.8	50
9	Effect of sintering temperature on structural, magnetic properties of lithium chromium ferrite. Journal of Alloys and Compounds, 2012, 523, 66-71.	2.8	50
10	Synthesis and characterization of CoCr _x Fe _{2-x} O ₄ nanoparticles. Journal of Alloys and Compounds, 2009, 485, 798-801.	2.8	49
11	Initial permeability of Zn-Ni-Co ferrite. Journal of Magnetism and Magnetic Materials, 2015, 378, 436-439.	1.0	46
12	Magnetic, dielectric and complex impedance spectroscopic studies of nanocrystalline Cr substituted Li-ferrite. Journal of Magnetism and Magnetic Materials, 2010, 322, 2629-2633.	1.0	41
13	Synthesis and morphological study of chromium substituted Zn-Mn ferrites nanostructures via sol-gel method. Journal of Alloys and Compounds, 2011, 509, 276-280.	2.8	39
14	Effect of zinc substitution on structural and magnetic properties of copper ferrite. Journal of Alloys and Compounds, 2010, 501, 37-41.	2.8	38
15	Synthesis and characterization of nanocrystalline zinc substituted nickel ferrites. Journal of Alloys and Compounds, 2010, 496, 256-260.	2.8	37
16	Synthesis, characterization and catalytic activity of chromium substituted cobalt ferros spinels. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2011, 176, 103-109.	1.7	23
17	Temperature and frequency dependent dielectric properties of Ni-Mg-Zn-Co ferrites. Journal of Magnetism and Magnetic Materials, 2014, 350, 179-182.	1.0	21
18	Magneto-structural studies of sol-gel synthesized nanocrystalline manganese substituted nickel ferrites. Journal of Magnetism and Magnetic Materials, 2016, 417, 407-412.	1.0	21

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19	Ferrospinel based on Cu and Co prepared via low temperature route as efficient catalysts for the selective oxidation of alcohol. <i>Journal of Alloys and Compounds</i> , 2009, 487, 730-734.	2.8	20
20	Electrical and thermoelectric properties of nanocrystalline Mn-substituted lithium ferrites. <i>Results in Physics</i> , 2013, 3, 214-218.	2.0	18
21	Structural and magnetic properties of Co substituted Li _{0.5} Fe _{2.5} O ₄ . <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 401, 870-874.	1.0	15
22	Synthesis, structural and magnetic properties of copper substituted nickel manganite. <i>Journal of Alloys and Compounds</i> , 2012, 544, 197-202.	2.8	13
23	Synthesis and characterization of cobalt substituted zinc ferri-chromites prepared by sol-gel auto-combustion method. <i>Journal of Materials Science: Materials in Electronics</i> , 2011, 22, 1109-1115.	1.1	11
24	DC electrical and thermoelectric power measurement studies of Ni-Mg-Zn-Co ferrites. <i>Journal of Magnetism and Magnetic Materials</i> , 2013, 335, 109-113.	1.0	11
25	Synthesis, characterization and electrical properties of the system LaMn _x Fe _{1-x} O ₃ . <i>Journal of Alloys and Compounds</i> , 2010, 489, 233-236.	2.8	9
26	Cation distribution and magnetic study of Cr-substituted lithium ferrites. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 1574-1581.	1.1	9
27	Structural, electrical and magnetic properties of copper substituted Zn-Mn ferrites. <i>Journal of Materials Science: Materials in Electronics</i> , 2013, 24, 4028-4032.	1.1	7
28	Effects of Ti substitution on structural and magnetic properties of Zn-Mn ferrospinel. <i>Materials Research Bulletin</i> , 2013, 48, 1791-1795.	2.7	5
29	Studies of structural and magnetic properties of sol-gel synthesized cobalt substituted Zn-Mn chromites. <i>Journal of Materials Science: Materials in Electronics</i> , 2014, 25, 369-375.	1.1	3
30	Cr-Substituted Zn-Mn Ferrospinel Thick Film Gas Sensors. <i>Sensor Letters</i> , 2014, 12, 1208-1212.	0.4	3
31	Microstructure and Magnetic Properties of Ni-Mg-Zn-Co Ferrites. <i>Macromolecular Symposia</i> , 2020, 393, 2000179.	0.4	2
32	Structural, Magnetic and Gas Sensing Application of Novel Polyol Route Synthesized Cobalt Ferrite. <i>Sensor Letters</i> , 2015, 13, 785-790.	0.4	2
33	Photodegradation of Dye Pollutants on Nanocrystalline Co Doped Li _{0.5} Fe _{2.5} O ₄ under UV-Visible Light Irradiation. <i>Macromolecular Symposia</i> , 2021, 400, 2100201.	0.4	2
34	Structural, electrical and magnetic study of nanocrystalline Ti-substituted Zn-Mn ferrospinel. <i>Journal of Magnetism and Magnetic Materials</i> , 2016, 405, 259-263.	1.0	1
35	Effect of Sintering Temperature on Structural and Morphological Properties of Mn-Substituted Lithium Ferrite. <i>Macromolecular Symposia</i> , 2020, 393, 2000173.	0.4	1
36	Photocatalytic Environmental Remediation of Cassiterite-Titania Nanocomposite. <i>Macromolecular Symposia</i> , 2020, 393, 2000176.	0.4	0

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37	Effect of Sintering Temperature on Structural, Morphological, and Magnetic Properties of Nickel Ferrite Prepared via a Polyol Method. <i>Macromolecular Symposia</i> , 2020, 393, 2000178.	0.4	0
38	Room Temperature H ₂ S Gas Sensing Application of Polyol Route Synthesized Nanosized Nickel Ferrite. <i>Sensor Letters</i> , 2015, 13, 314-317.	0.4	0
39	Synthesis, Characterization, and Dielectric Study of Titania Supported ZnFe ₂ O ₄ . <i>Macromolecular Symposia</i> , 2021, 400, 2100074.	0.4	0