

# Rajendra P Patil

## List of Publications by Year in descending order

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39  
papers

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citations

394286

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, Characterization, and Dielectric Study of Titania Supported ZnFe <sub>2</sub> O <sub>4</sub> . Macromolecular Symposia, 2021, 400, 2100074.	0.4	0
2	Photodegradation of Dye Pollutants on Nanocrystalline Co Doped Li <sub>0.5</sub> Fe <sub>2.5</sub> O <sub>4</sub> under UV-Visible Light Irradiation. Macromolecular Symposia, 2021, 400, 2100201.	0.4	2
3	Photocatalytic Environmental Remediation of Cassiterite-Titania Nanocomposite. Macromolecular Symposia, 2020, 393, 2000176.	0.4	0
4	Effect of Sintering Temperature on Structural, Morphological, and Magnetic Properties of Nickel Ferrite Prepared via a Polyol Method. Macromolecular Symposia, 2020, 393, 2000178.	0.4	0
5	Microstructure and Magnetic Properties of Ni-Mg-Zn-Co Ferrites. Macromolecular Symposia, 2020, 393, 2000179.	0.4	2
6	Effect of Sintering Temperature on Structural and Morphological Properties of Mn-Substituted Lithium Ferrite. Macromolecular Symposia, 2020, 393, 2000173.	0.4	1
7	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
8	Cation distribution and magnetic study of Cr-substituted lithium ferrites. Journal of Materials Science: Materials in Electronics, 2016, 27, 1574-1581.	1.1	9
9	Structural and magnetic properties of Co substituted Li 0.5 Fe 2.5 O 4. Journal of Magnetism and Magnetic Materials, 2016, 401, 870-874.	1.0	15
10	Structural, electrical and magnetic study of nanocrystalline Ti-substituted Zn-Mn ferrosinels. Journal of Magnetism and Magnetic Materials, 2016, 405, 259-263.	1.0	1
11	Initial permeability of Zn-Ni-Co ferrite. Journal of Magnetism and Magnetic Materials, 2015, 378, 436-439.	1.0	46
12	Structural, Magnetic and Gas Sensing Application of Novel Polyol Route Synthesized Cobalt Ferrite. Sensor Letters, 2015, 13, 785-790.	0.4	2
13	Room Temperature H <sub>2</sub> /S Gas Sensing Application of Polyol Route Synthesized Nanosized Nickel Ferrite. Sensor Letters, 2015, 13, 314-317.	0.4	0
14	Studies of structural and magnetic properties of sol-gel synthesized cobalt substituted Zn-Mn chromites. Journal of Materials Science: Materials in Electronics, 2014, 25, 369-375.	1.1	3
15	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
16	Cr-Substituted Zn-Mn Ferrosinels Thick Film Gas Sensors. Sensor Letters, 2014, 12, 1208-1212.	0.4	3
17	Structural, electrical and magnetic properties of copper substituted Zn-Mn ferrites. Journal of Materials Science: Materials in Electronics, 2013, 24, 4028-4032.	1.1	7
18	Electrical and thermoelectric properties of nanocrystalline Mn-substituted lithium ferrites. Results in Physics, 2013, 3, 214-218.	2.0	18

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19	DC electrical and thermoelectric power measurement studies of Ni <sup>2+</sup> Mg <sup>2+</sup> Zn <sup>2+</sup> Co ferrites. Journal of Magnetism and Magnetic Materials, 2013, 335, 109-113.	1.0	11
20	Effects of Ti substitution on structural and magnetic properties of Zn <sup>2+</sup> Mn ferros spinels. Materials Research Bulletin, 2013, 48, 1791-1795.	2.7	5
21	Synthesis, structural and magnetic properties of copper substituted nickel manganite. Journal of Alloys and Compounds, 2012, 544, 197-202.	2.8	13
22	Effect of sintering temperature on structural, magnetic properties of lithium chromium ferrite. Journal of Alloys and Compounds, 2012, 523, 66-71.	2.8	50
23	Synthesis and morphological study of chromium substituted Zn <sup>2+</sup> Mn ferrites nanostructures via sol-gel method. Journal of Alloys and Compounds, 2011, 509, 276-280.	2.8	39
24	Synthesis and characterization of nanocrystalline Ti-substituted Zn ferrite. Journal of Alloys and Compounds, 2011, 509, 2160-2163.	2.8	50
25	Synthesis, dielectric behavior and impedance measurement studies of Cr-substituted Zn <sup>2+</sup> Mn ferrites. Materials Research Bulletin, 2011, 46, 447-452.	2.7	52
26	Effect of sintering on photocatalytic degradation of methyl orange using zinc ferrite. Materials Letters, 2011, 65, 371-373.	1.3	56
27	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
28	Synthesis and characterization of cobalt substituted zinc ferri-chromites prepared by sol-gel auto-combustion method. Journal of Materials Science: Materials in Electronics, 2011, 22, 1109-1115.	1.1	11
29	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
30	Magnetic and dielectric studies of nanocrystalline zinc substituted Cu <sup>2+</sup> Mn ferrites. Journal of Magnetism and Magnetic Materials, 2011, 323, 389-393.	1.0	63
31	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
32	Synthesis, characterization and electrical properties of the system LaMn <sub>x</sub> Fe <sub>1-x</sub> O <sub>3</sub> . Journal of Alloys and Compounds, 2010, 489, 233-236.	2.8	9
33	Synthesis and characterization of nanocrystalline zinc substituted nickel ferrites. Journal of Alloys and Compounds, 2010, 496, 256-260.	2.8	37
34	Effect of zinc substitution on structural and magnetic properties of copper ferrite. Journal of Alloys and Compounds, 2010, 501, 37-41.	2.8	38
35	Investigation of structural and magnetic properties of nanocrystalline manganese substituted lithium ferrites. Journal of Solid State Chemistry, 2009, 182, 3217-3221.	1.4	69
36	Magnetic and dielectric properties of nanophase manganese-substituted lithium ferrite. Journal of Magnetism and Magnetic Materials, 2009, 321, 3270-3273.	1.0	94

#	ARTICLE	IF	CITATIONS
37	Synthesis and characterization of $\text{CoCr}_x\text{Fe}_{2-x}\text{O}_4$ nanoparticles. Journal of Alloys and Compounds, 2009, 485, 798-801.	2.8	49
38	Ferrospinel based on Cu and Co prepared via low temperature route as efficient catalysts for the selective oxidation of alcohol. Journal of Alloys and Compounds, 2009, 487, 730-734.	2.8	20
39	Gas sensing properties of magnesium ferrite prepared by co-precipitation method. Journal of Alloys and Compounds, 2009, 488, 270-272.	2.8	74