

# E Melagiriyappa

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10509526/publications.pdf>

Version: 2024-02-01

14  
papers

289  
citations

1040056

9  
h-index

1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

290  
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and magnetic properties of Eu <sup>3+</sup> -substituted Mg-Cd nanoferrites: A detailed study of influence of high energy $\gamma$ -rays irradiation. Chemical Data Collections, 2020, 28, 100460.	2.3	12
2	Understanding the effect of high energy $\gamma$ -radiation induced on the structural and electrical behavior of Eu <sup>3+</sup> -substituted Mg-Cd nanoferrites. Journal of Materials Science: Materials in Electronics, 2020, 31, 5077-5096.	2.2	2
3	Cation Distribution and Magnetic Properties of Gd <sup>3+</sup> -Substituted Ni-Zn Nano-ferrites. Journal of Superconductivity and Novel Magnetism, 2020, 33, 2821-2827.	1.8	7
4	Gamma irradiation effect on the structural and dielectric properties of Mg-Cd nanoferrites. AIP Conference Proceedings, 2019, , .	0.4	1
5	Induced effects of Zn <sup>2+</sup> on the transport and complex impedance properties of Gadolinium substituted nickel-zinc nano ferrites. Journal of Magnetism and Magnetic Materials, 2019, 478, 12-19.	2.3	21
6	Dielectric and magnetic properties of high porous Gd <sup>3+</sup> -substituted nickel zinc ferrite nanoparticles. Materials Research Express, 2018, 5, 046109.	1.6	7
7	Influence of Neodymium and gamma rays irradiation on structural electrical and magnetic properties of Co-Zn nanoferrites. Materials Chemistry and Physics, 2018, 214, 143-153.	4.0	14
8	Structural and complex impedance properties of Zn <sup>2+</sup> substituted nickel ferrite prepared via low-temperature citrate gel auto-combustion method. Journal of Materials Science: Materials in Electronics, 2018, 29, 12795-12803.	2.2	22
9	Effect of gamma irradiation on some electrical and dielectric properties of Ce <sup>3+</sup> substituted Ni-Zn nano ferrites. Chinese Journal of Physics, 2017, 55, 1729-1738.	3.9	9
10	Dielectric and complex impedance properties of $\gamma$ -rays irradiated Neodymium substituted Co-Zn nanoferrites. Radiation Physics and Chemistry, 2017, 139, 55-65.	2.8	22
11	Effect of Sm <sup>3+</sup> substitution on structural and magnetic investigation of nano sized Mn-Sm-Zn ferrites. Indian Journal of Physics, 2016, 90, 881-885.	1.8	15
12	Effect of gamma irradiation on dielectric properties of manganese zinc nanoferrites. , 2014, , .		3
13	Structural and magnetic susceptibility studies of samarium substituted magnesium-zinc ferrites. Journal of Alloys and Compounds, 2009, 482, 147-150.	5.5	48
14	Dielectric behavior and ac electrical conductivity study of Sm <sup>3+</sup> substituted Mg-Zn ferrites. Materials Chemistry and Physics, 2008, 112, 68-73.	4.0	106