Jasbir Singh

List of Publications by Year
in descending order

13 papers	386 citations	1307594 7 h-index	1281871 11 g-index
13 all docs	13 docs citations	13 times ranked	366 citing authors

#	Article	IF	Citations
1	Role of phase, grain morphology and impedance properties in tailoring of Barium Strontium hexaferrites for microwave absorber/attenuator applications. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2022, 281, 115679.	3.5	5
2	Fabrication of highly sensitive 4-Nitrophenol sensor and photocatalytic performance of multifunctional Ba0.5Sr0.5CoxHfxFe12-2xO19 Ferrite. Materials Chemistry and Physics, 2022, 288, 126396.	4.0	5
3	Design and development of Ga-substituted Z-type hexaferrites for microwave absorber applications: MÃ¶ssbauer, static and dynamic properties. Ceramics International, 2021, 47, 1145-1162.	4.8	29
4	Development of doped Baâ€“Sr hexagonal ferrites for microwave absorber applications: Structural characterization, tunable thickness, absorption peaks and electromagnetic parameters. Journal of Alloys and Compounds, 2021, 855, 157242.	5.5	38
5	Complex permittivity and complex permeability characteristics of Coâ€“Ti doped barium strontium hexaferrite/paraffin wax composites for application in microwave devices. Applied Physics A: Materials Science and Processing, 2020, 126, 1.	2.3	3
6	Microwave Attenuation of Cobalt-Tin Substituted Barium-Strontium Hexagonal Ferrite. , 2018, , .		0
7	Performance Comparison of BPSK, QPSK and 16-QAM Modulation Schemes in OFDM System using Reed-Solomon Codes. , 2018, , .		4
8	A study of microwave absorbing properties in Coâ€“Gd doped M-type Baâ€“Sr hexaferrites prepared using ceramic method. Journal of Materials Science: Materials in Electronics, 2017, 28, 11969-11978.	2.2	33
9	Elucidation of phase evolution, microstructural, MÃ¶ssbauer and magnetic properties of Co2+Al3+ doped M-type Ba Sr hexaferrites synthesized by a ceramic method. Journal of Alloys and Compounds, 2017, 695, 1112-1121.	5.5	86
10	Microwave absorption characteristics of Co2+ and W4+ substituted M-type Ba0.5Sr0.5CoxWxFe12â^'2xO19 hexagonal ferrites. Journal of Materials Science: Materials in Electronics, 2017, 28, 228-235.	2.2	6
11	Investigation on structural and microwave absorption property of Co2+ and Y3+ substituted M-type Ba-Sr hexagonal ferrites prepared by a ceramic method. Journal of Alloys and Compounds, 2017, 695, 792-798.	5.5	54
12	Microwave absorbing characteristics in Co2+ and Al3+ substituted Ba0.5Sr0.5CoxAlxFe12â^'2xO19 hexagonal ferrite. Journal of Materials Science: Materials in Electronics, 2017, 28, 2377-2384.	2.2	35
13	Tunable microwave absorption in Co Al substituted M-type Ba Sr hexagonal ferrite. Materials and Design, 2016, 110, 749-761.	7.0	88