

Jasbir Singh

List of Publications by Year in descending order

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13
papers

386
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1307594

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13
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13
docs citations

13
times ranked

366
citing authors

#	ARTICLE	IF	CITATIONS
1	Tunable microwave absorption in Co Al substituted M-type Ba Sr hexagonal ferrite. Materials and Design, 2016, 110, 749-761.	7.0	88
2	Elucidation of phase evolution, microstructural, Mössbauer and magnetic properties of Co ²⁺ /Al ³⁺ doped M-type Ba Sr hexaferrites synthesized by a ceramic method. Journal of Alloys and Compounds, 2017, 695, 1112-1121.	5.5	86
3	Investigation on structural and microwave absorption property of Co ²⁺ and Y ³⁺ substituted M-type Ba-Sr hexagonal ferrites prepared by a ceramic method. Journal of Alloys and Compounds, 2017, 695, 792-798.	5.5	54
4	Development of doped Ba ²⁺ /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	Microwave absorbing characteristics in Co ²⁺ and Al ³⁺ substituted Ba _{0.5} Sr _{0.5} Co _x Al _x Fe ₁₂ ~ ² xO ₁₉ hexagonal ferrite. Journal of Materials Science: Materials in Electronics, 2017, 28, 2377-2384.	2.2	35
6	A study of microwave absorbing properties in Co ²⁺ /Gd doped M-type Ba ²⁺ /Sr hexaferrites prepared using ceramic method. Journal of Materials Science: Materials in Electronics, 2017, 28, 11969-11978.	2.2	33
7	Design and development of Ga-substituted Z-type hexaferrites for microwave absorber applications: Mössbauer, static and dynamic properties. Ceramics International, 2021, 47, 1145-1162.	4.8	29
8	Microwave absorption characteristics of Co ²⁺ and W ⁴⁺ substituted M-type Ba _{0.5} Sr _{0.5} Co _x W _x Fe ₁₂ ~ ² xO ₁₉ hexagonal ferrites. Journal of Materials Science: Materials in Electronics, 2017, 28, 228-235.	2.2	6
9	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
10	Fabrication of highly sensitive 4-Nitrophenol sensor and photocatalytic performance of multifunctional Ba _{0.5} Sr _{0.5} Co _x Hf _x Fe ₁₂ -2xO ₁₉ Ferrite. Materials Chemistry and Physics, 2022, 288, 126396.	4.0	5
11	Performance Comparison of BPSK, QPSK and 16-QAM Modulation Schemes in OFDM System using Reed-Solomon Codes. , 2018, , .		4
12	Complex permittivity and complex permeability characteristics of Co ²⁺ /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
13	Microwave Attenuation of Cobalt-Tin Substituted Barium-Strontium Hexagonal Ferrite. , 2018, , .		0