

Smita Chaturvedi

List of Publications by Year in descending order

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papers

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1040056

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10
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434
citing authors

#	ARTICLE	IF	CITATIONS
1	Unusual magnetic ordering transitions in nanoscale biphasic LuFeO ₃ : the role of the ortho-hexa phase ratio and the local structure. Journal of Materials Chemistry C, 2020, 8, 17000-17008.	5.5	2
2	Nanoscale LuFeO ₃ : shape dependent ortho/hexa-phase constitution and nanogenerator application. Nanoscale, 2018, 10, 21406-21413.	5.6	15
3	Nanosize effect: Enhanced compensation temperature and existence of magnetodielectric coupling in SmFeO ₃ . Physical Review B, 2017, 96, 014406.	3.2	39
4	Dynamics of electron density, spin-phonon coupling, and dielectric properties of SmFeO ₃ nanoparticles at the spin-reorientation temperature: Role of exchange striction. Physical Review B, 2016, 93, 014406.	3.2	76
5	Holmium induced enhanced functionality at room temperature and structural phase transition at high temperature in bismuth ferrite nanoparticles. Journal of Materials Chemistry C, 2016, 4, 780-792.	5.5	33
6	Structural and magnetic investigations on a wet chemically synthesized nanoscale S = 1/2 spin chain compound CuSe ₂ O ₅ . Journal of Materials Chemistry C, 2016, 4, 611-621.	5.5	15
7	Tunable band gap and coercivity of bismuth ferrite-polyaniline core-shell nanoparticles: the role of shell thickness. RSC Advances, 2015, 5, 23563-23568.	3.6	70
8	Self-assembled vertically aligned gold nanorod superlattices for ultra-high sensitive detection of molecules. Nano Research, 2015, 8, 907-919.	10.4	28
9	Probing bismuth ferrite nanoparticles by hard x-ray photoemission: Anomalous occurrence of metallic bismuth. Applied Physics Letters, 2014, 105, 102910.	3.3	24
10	Coercivity and exchange bias of bismuth ferrite nanoparticles isolated by polymer coating. Journal of Applied Physics, 2014, 115, .	2.5	14