

Smita Chaturvedi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1314493/publications.pdf>

Version: 2024-02-01

10
papers

316
citations

1040056

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h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

434
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamics of electron density, spin-phonon coupling, and dielectric properties of SmFeO_3 nanoparticles at the spin-reorientation temperature: Role of exchange striction. <i>Physical Review B</i> , 2016, 93, .	3.2	76
2	Tunable band gap and coercivity of bismuth ferrite "polyaniline core" shell nanoparticles: the role of shell thickness. <i>RSC Advances</i> , 2015, 5, 23563-23568.	3.6	70
3	Nanosize effect: Enhanced compensation temperature and existence of magnetodielectric coupling in SmFeO_3 . <i>Physical Review B</i> , 2017, 96, .	3.2	39
4	Holmium induced enhanced functionality at room temperature and structural phase transition at high temperature in bismuth ferrite nanoparticles. <i>Journal of Materials Chemistry C</i> , 2016, 4, 780-792.	5.5	33
5	Self-assembled vertically aligned gold nanorod superlattices for ultra-high sensitive detection of molecules. <i>Nano Research</i> , 2015, 8, 907-919.	10.4	28
6	Probing bismuth ferrite nanoparticles by hard x-ray photoemission: Anomalous occurrence of metallic bismuth. <i>Applied Physics Letters</i> , 2014, 105, 102910.	3.3	24
7	Structural and magnetic investigations on a wet chemically synthesized nanoscale $S = 1/2$ spin chain compound " CuSe_2O_5 ". <i>Journal of Materials Chemistry C</i> , 2016, 4, 611-621.	5.5	15
8	Nanoscale LuFeO_3 : shape dependent ortho/hexa-phase constitution and nanogenerator application. <i>Nanoscale</i> , 2018, 10, 21406-21413.	5.6	15
9	Coercivity and exchange bias of bismuth ferrite nanoparticles isolated by polymer coating. <i>Journal of Applied Physics</i> , 2014, 115, .	2.5	14
10	Unusual magnetic ordering transitions in nanoscale biphasic LuFeO_3 : the role of the ortho "hexa phase ratio and the local structure. <i>Journal of Materials Chemistry C</i> , 2020, 8, 17000-17008.	5.5	2