

Suyog Raut

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

160
citations

1478505

6
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

254
citing authors

#	ARTICLE	IF	CITATIONS
1	Optoelectric and photocatalytic characteristics of DNA thin films embedded with transition metal ion-doped ZnO nanorods. <i>Materials Chemistry and Physics</i> , 2022, 286, 126135.	4.0	4
2	Structural and morphological tuning of iron oxide polymorphs by ECR plasma-assisted thermal oxidation. <i>RSC Advances</i> , 2020, 10, 32088-32101.	3.6	5
3	Magnetic and magnetostrictive properties of tape casted free standing NZFO thick films and its composite with piezoelectric phase. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 490, 165523.	2.3	7
4	Oxidation behaviour of Fe-Ni alloy nanoparticles synthesized by thermal plasma route. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	3
5	Single step, phase controlled, large scale synthesis of ferrimagnetic iron oxide polymorph nanoparticles by thermal plasma route and their rheological properties. <i>Journal of Magnetism and Magnetic Materials</i> , 2018, 449, 232-242.	2.3	6
6	Electronic Structure of Visible Light-Driven Photocatalyst BiVO_4 Nanoparticles Synthesized by Thermal Plasma. <i>ACS Omega</i> , 2018, 3, 5853-5864.	3.5	18
7	Investigation of structural, optical and magnetic properties of thermal plasma synthesized Ni-Co spinel ferrite nanoparticles. <i>Ceramics International</i> , 2017, 43, 6637-6647.	4.8	59
8	Investigation of structural and magnetic properties of thermal plasma-synthesized $\text{Fe}_{1-x}\text{Ni}_x$ alloy nanoparticles. <i>Journal of Alloys and Compounds</i> , 2016, 663, 30-40.	5.5	28
9	Enhanced active aluminum content and thermal behaviour of nano-aluminum particles passivated during synthesis using thermal plasma route. <i>Applied Surface Science</i> , 2016, 368, 16-26.	6.1	23
10	Thermal plasma processed ferro-magnetically ordered face-centered cubic iron at room temperature. <i>Journal of Applied Physics</i> , 2014, 116, 163913.	2.5	7