

# Shashwat Shukla

## List of Publications by Year in descending order

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12  
papers

427  
citations

1307594

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1372567

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12  
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12  
docs citations

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times ranked

816  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spinel $\text{Co}_3\text{O}_4$ nanomaterials for efficient and stable large area carbon-based printed perovskite solar cells. <i>Nanoscale</i> , 2018, 10, 2341-2350.	5.6	106
2	Synthesis of barium ferrite ultrafine powders by a sol-gel combustion method using glycine gels. <i>Journal of Alloys and Compounds</i> , 2014, 583, 220-225.	5.5	105
3	Structure and magnetic properties of $\text{Mn}(\text{Zn})\text{Fe}_2\text{O}_4$ ferrite nano-powders synthesized by co-precipitation and refluxing method. <i>Powder Technology</i> , 2012, 229, 270-275.	4.2	83
4	The reaction mechanism of formation of chemically synthesized $\text{Nd}_2\text{Fe}_{14}\text{B}$ hard magnetic nanoparticles. <i>Journal of Solid State Chemistry</i> , 2012, 186, 224-230.	2.9	36
5	Carbon Nanotube Evolution in Aluminum Matrix during Composite Fabrication Process. <i>Materials Science Forum</i> , 0, 690, 294-297.	0.3	33
6	Effect of Formamidinium/Cesium Substitution and $\text{PbI}_2$ on the Long-Term Stability of Triple-Cation Perovskites. <i>ChemSusChem</i> , 2017, 10, 3804-3809.	6.8	28
7	Atomistic mechanism of cyclic phase transitions in $\text{Nd-Fe-B}$ based intermetallics. <i>Intermetallics</i> , 2011, 19, 1265-1273.	3.9	15
8	Nanocrystallization in driven amorphous materials. <i>Acta Materialia</i> , 2013, 61, 3242-3248.	7.9	8
9	Evidence of anti free volume creation during deformation induced nanocrystallization of $\text{Nd-Fe-B}$ metallic glass. <i>Physica Status Solidi - Rapid Research Letters</i> , 2011, 5, 169-171.	2.4	4
10	Magnetic Nanostructures: Synthesis, Properties, and Applications. , 2013, , 473-514.		4
11	Ex situ XAS investigation of effect of binders on electrochemical performance of $\text{Li}_2\text{Fe}(\text{SO}_4)_2$ cathode. <i>Journal of Materials Chemistry A</i> , 2017, 5, 19963-19971.	10.3	4
12	Cyclic structural ordering induced by high energy ball milling in a $\text{Fe}_{2.1}\text{Cr}_{0.9}\text{Al}$ magnetocaloric alloy. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 474, 528-536.	2.3	1