

# Sagar Balgude

## List of Publications by Year in descending order

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13  
papers

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docs citations

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times ranked

152  
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#	ARTICLE	IF	CITATIONS
1	Synthesis and characterization of magnetically separable Zn <sub>1-x</sub> CoxFeMnO <sub>4</sub> nanoferrites as highly efficient photocatalyst for degradation of dye under solar light irradiation. Journal of Physics and Chemistry of Solids, 2021, 148, 109700.	4.0	37
2	Sn <sub>3</sub> O <sub>4</sub> microballs as highly efficient photocatalyst for hydrogen generation and degradation of phenol under solar light irradiation. Materials Chemistry and Physics, 2019, 221, 493-500.	4.0	29
3	Magnetically separable Zn <sub>1-x</sub> Co <sub>0.5x</sub> Mg <sub>0.5x</sub> Fe <sub>2</sub> O <sub>4</sub> ferrites: stable and efficient sunlight-driven photocatalyst for environmental remediation. RSC Advances, 2020, 10, 42766-42776.	3.6	27
4	The effects of cobalt and magnesium co-doping on the structural and magnetic properties of ZnFe <sub>2</sub> O <sub>4</sub> synthesized using a sonochemical process. Solid State Communications, 2021, 337, 114435.	1.9	24
5	Influence of Cu-Mg substituted ZnFe <sub>2</sub> O <sub>4</sub> ferrite as a highly efficient nanocatalyst for dye degradation and 4-nitrophenol reduction. Journal of Physics and Chemistry of Solids, 2022, 167, 110783.	4.0	19
6	Unique N doped Sn <sub>3</sub> O <sub>4</sub> nanosheets as an efficient and stable photocatalyst for hydrogen generation under sunlight. Nanoscale, 2020, 12, 8502-8510.	5.6	18
7	Succinate assisted synthesis of magnetically separable Fe <sub>2</sub> O <sub>3</sub> /g-C <sub>3</sub> N <sub>4</sub> nano-heterostructure: A stable catalyst for environmental remediation. Current Research in Green and Sustainable Chemistry, 2021, 4, 100210.	5.6	18
8	Morphology-controlled synthesis of Sn <sub>3</sub> O <sub>4</sub> nanowires for enhanced solar-light driven photocatalytic H <sub>2</sub> production. Nano Structures Nano Objects, 2020, 24, 100615.	3.5	12
9	Fabrication, design and performance evaluation of supercapacitors review. Materials Today: Proceedings, 2022, 53, 130-133.	1.8	8
10	Magnetically Separable Zn <sub>1-x</sub> Cu <sub>0.5x</sub> Mg <sub>0.5x</sub> Fe <sub>2</sub> O <sub>4</sub> Ferrite: A Stable Catalyst for Reduction of 4-Nitrophenol. ChemistrySelect, 2022, 7, .	1.5	8
11	Effect of cobalt substitution in Zn <sub>1-x</sub> CoxFeCrO <sub>4</sub> ferri-chromate: emerging light absorber for degradation of model textile dye. Surfaces and Interfaces, 2022, 33, 102189.	3.0	6
12	Magnetically separable Ni <sub>0.25</sub> Cu <sub>0.55</sub> Zn <sub>0.20</sub> Fe <sub>2</sub> O <sub>4</sub> ferrite as a highly efficient photocatalyst for environmental remediation. , 2021, , 329-347.		1
13	Superior photoelectrochemical performance of Fe <sub>2</sub> O <sub>3</sub> /g-C <sub>3</sub> N <sub>4</sub> heterostructure synthesized by chemical precipitation method. Materials Today: Proceedings, 2022, , .	1.8	0