

Robert Frohnhoven

List of Publications by Year in descending order

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11
papers

385
citations

1163117

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1281871

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docs citations

11
times ranked

766
citing authors

#	ARTICLE	IF	CITATIONS
1	Sulfate-Assisted Interfacial Engineering for High Yield and Efficiency of Triple Cation Perovskite Solar Cells with Alkali-Doped TiO ₂ Electron-Transporting Layers. <i>Advanced Functional Materials</i> , 2018, 28, 1706287.	14.9	208
2	LaFeO ₃ Nanofibers for High Detection of Sulfur-Containing Gases. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 6023-6032.	6.7	46
3	Highly Compact TiO ₂ Films by Spray Pyrolysis and Application in Perovskite Solar Cells. <i>Advanced Engineering Materials</i> , 2019, 21, 1801196.	3.5	33
4	Intrinsic piezoelectric characterization of BiFeO ₃ nanofibers and its implications for energy harvesting. <i>Applied Surface Science</i> , 2020, 509, 144760.	6.1	26
5	Cycloaddition of CO ₂ with epoxides and esterification reactions using the porous redox catalyst Co-POM@MIL-101(Cr). <i>New Journal of Chemistry</i> , 2019, 43, 15585-15595.	2.8	18
6	Inorganic Nanofibers by Electrospinning Techniques and Their Application in Energy Conversion and Storage Systems. <i>Semiconductors and Semimetals</i> , 2018, 98, 1-70.	0.7	15
7	Laser-Textured Metal Substrates as Photoanodes for Enhanced PEC Water Splitting Reactions. <i>Advanced Engineering Materials</i> , 2018, 20, 1800167.	3.5	14
8	Self-decoration of Barium Titanate with Rhodium-NP via a facile co-precipitation route for NO sensing in hot gas environment. <i>Sensors and Actuators B: Chemical</i> , 2021, 338, 129848.	7.8	11
9	Anode performance of hydrothermally grown carbon nanostructures and their molybdenum chalcogenides for Li-ion batteries. <i>MRS Communications</i> , 2018, 8, 610-616.	1.8	6
10	Hollow mesoporous silica capsules loaded with copper, silver, and zinc oxide nanoclusters for sustained antibacterial efficacy. <i>Journal of the American Ceramic Society</i> , 2022, 105, 1685-1696.	3.8	5
11	Enhanced UV-Vis Photodegradation of Nanocomposite Reduced Graphene Oxide/Ferrite Nanofiber Films Prepared by Laser-Assisted Evaporation. <i>Crystals</i> , 2020, 10, 271.	2.2	3