Robert Frohnhoven

List of Publications by Year
in descending order

11	385	1163117 8	1281871 11
papers	citations	h-index	g-index

11	11	11	766
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Hollow mesoporous silica capsules loaded with copper, silver, and zinc oxide nanoclusters for sustained antibacterial efficacy. Journal of the American Ceramic Society, 2022, 105, 1685-1696.	3.8	5
2	Self-decoration of Barium Titanate with Rhodium-NP via a facile co-precipitation route for NO sensing in hot gas environment. Sensors and Actuators B: Chemical, 2021, 338, 129848.	7.8	11
3	Intrinsic piezoelectric characterization of BiFeO3 nanofibers and its implications for energy harvesting. Applied Surface Science, 2020, 509, 144760.	6.1	26
4	Enhanced UV-Vis Photodegradation of Nanocomposite Reduced Graphene Oxide/Ferrite Nanofiber Films Prepared by Laser-Assisted Evaporation. Crystals, 2020, 10, 271.	2.2	3
5	Cycloaddition of CO₂ with epoxides and esterification reactions using the porous redox catalyst Co-POM@MIL-101(Cr). New Journal of Chemistry, 2019, 43, 15585-15595.	2.8	18
6	LaFeO₃ Nanofibers for High Detection of Sulfur-Containing Gases. ACS Sustainable Chemistry and Engineering, 2019, 7, 6023-6032.	6.7	46
7	Highly Compact TiO₂ Films by Spray Pyrolysis and Application in Perovskite Solar Cells. Advanced Engineering Materials, 2019, 21, 1801196.	3.5	33
8	Sulfateâ€Assisted Interfacial Engineering for High Yield and Efficiency of Triple Cation Perovskite Solar Cells with Alkaliâ€Doped TiO₂ Electronâ€Transporting Layers. Advanced Functional Materials, 2018, 28, 1706287.	14.9	208
9	Anode performance of hydrothermally grown carbon nanostructures and their molybdenum chalcogenides for Li-ion batteries. MRS Communications, 2018, 8, 610-616.	1.8	6
10	Laserâ€Textured Metal Substrates as Photoanodes for Enhanced PEC Water Splitting Reactions. Advanced Engineering Materials, 2018, 20, 1800167.	3.5	14
11	Inorganic Nanofibers by Electrospinning Techniques and Their Application in Energy Conversion and Storage Systems. Semiconductors and Semimetals, 2018, 98, 1-70.	0.7	15