

Sheikha Lardhi

List of Publications by Year in descending order

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papers

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citations

1039406

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all docs

10
docs citations

10
times ranked

587
citing authors

#	ARTICLE	IF	CITATIONS
1	Nature of Nitrogen Incorporation in BiVO ₄ Photoanodes through Chemical and Physical Methods. Solar Rrl, 2020, 4, 1900290.	3.1	23
2	Significant Impact of Exposed Facets on the BiVO ₄ Material Performance for Photocatalytic Water Splitting Reactions. Journal of Physical Chemistry Letters, 2020, 11, 5497-5503.	2.1	44
3	Enhanced Carrier Transport and Bandgap Reduction in Sulfur-Modified BiVO ₄ Photoanodes. Chemistry of Materials, 2018, 30, 8630-8638.	3.2	39
4	Determination of the Intrinsic Defect at the Origin of Poor H ₂ Evolution Performance of the Monoclinic BiVO ₄ Photocatalyst Using Density Functional Theory. Journal of Physical Chemistry C, 2018, 122, 18204-18211.	1.5	28
5	Ab initio assessment of Bi _{1-x} RE _x CuOS (RE = La, Gd, Y, Lu) solid solutions as a semiconductor for photochemical water splitting. Physical Chemistry Chemical Physics, 2017, 19, 12321-12330.	1.3	21
6	Impact of Interfacial Defects on the Properties of Monolayer Transition Metal Dichalcogenide Lateral Heterojunctions. Journal of Physical Chemistry Letters, 2017, 8, 1664-1669.	2.1	34
7	Enhancing Charge Carrier Lifetime in Metal Oxide Photoelectrodes through Mild Hydrogen Treatment. Advanced Energy Materials, 2017, 7, 1701536.	10.2	104
8	Solar Water Splitting: Enhancing Charge Carrier Lifetime in Metal Oxide Photoelectrodes through Mild Hydrogen Treatment (Adv. Energy Mater. 22/2017). Advanced Energy Materials, 2017, 7, .	10.2	1
9	Determination of the electronic, dielectric, and optical properties of sillenite Bi ₂ TiO ₂₀ and perovskite-like Bi ₄ Ti ₃ O ₁₂ materials from hybrid first-principle calculations. Journal of Chemical Physics, 2016, 144, 134702.	1.2	45
10	Combined experimental and theoretical study of the optoelectronic properties of non-stoichiometric pyrochlore bismuth titanate. Journal of Materials Chemistry C, 2015, 3, 12032-12039.	2.7	29