Sateesh Bandaru

List of Publications by Year
in descending order

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Version: 2024-02-01

10 papers	106 citations	1478505 6 h-index	1372567 10 g-index
10 all docs	10 docs citations	10 times ranked	240 citing authors

#	Article	IF	Citations
1	Ternary structure reveals mechanism of a membrane diacylglycerol kinase. Nature Communications, 2015, 6, 10140.	12.8	30
2	First-principles studies on Î±-Fe₂O₃ surface slabs and mechanistic elucidation of a g-C₃N₄/Î±-Fe₂O₃ heterojunction. Catalysis Science and Technology, 2020, 10, 1376-1384.	4.1	20
3	Novel Superstructure-Phase Two-Dimensional Material 1T-VSe2 at High Pressure. Journal of Physical Chemistry Letters, 2020, 11, 380-386.	4.6	17
4	Effect of space linkers in dinuclear copper cryptates on the efficiency of atmospheric CO2 uptake: a DFT study. Catalysis Science and Technology, 2013, 3, 2234.	4.1	9
5	Towards the design of novel boronâ€•and nitrogenâ€substituted ammoniaâ€borane and bifunctional arene ruthenium catalysts for hydrogen storage. Journal of Computational Chemistry, 2014, 35, 891-903.	3.3	7
6	Implicit and explicit solvent models for modeling a bifunctional arene ruthenium hydrogenâ€storage catalyst: A classical and ab initio molecular simulation study. Journal of Computational Chemistry, 2014, 35, 683-691.	3.3	6
7	Sulfur-doped wood-derived porous carbon for optimizing electromagnetic response performance. Nanoscale, 2021, 13, 16084-16093.	5.6	6
8	Facet-Dependent Bactericidal Activity of Ag₃PO₄ Nanostructures against Gram-Positive/Negative Bacteria. ACS Omega, 2022, 7, 16616-16628.	3.5	5
9	Oxygen-evolution reactions (OER) on transition-metal-doped Fe₃Co(PO₄)₄ iron-phosphate surfaces: a first-principles study. Catalysis Science and Technology, 2021, 11, 4619-4626.	4.1	4
10	Structural and Electronic Properties of MgO/TiO₂ Interfaces: A First-Principles Molecular-Simulation Study. Journal of Physical Chemistry C, 2021, 125, 10795-10802.	3.1	2