

Ravi Ranjan

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	One-Dimensional Multichannel g-C ₃ N _{4.7} Nanostructure Realizing an Efficient Photocatalytic Hydrogen Evolution Reaction and Its Theoretical Investigations. ACS Applied Energy Materials, 2021, 4, 3118-3129.	5.1	23
2	Directed holey and ordered g-C ₃ N _{4.5} nanosheets by a hard template nanocasting approach for sustainable visible-light hydrogen evolution with prominent quantum efficiency. Journal of Materials Chemistry A, 2020, 8, 13328-13339.	10.3	21
3	Can Half-a-Monolayer of Pt Simulate Activity Like That of Bulk Pt? Solar Hydrogen Activity Demonstration with Quasi-artificial Leaf Device. ACS Applied Materials & Interfaces, 2020, 12, 30420-30430.	8.0	15
4	Sustainable CO ₂ Reduction on In ₂ O ₃ with Exclusive CO Selectivity: Catalysis and In Situ Valence Band Photoelectron Spectral Investigations. ACS Sustainable Chemistry and Engineering, 2022, 10, 3521-3531.	6.7	8
5	Gas-solid interactions with reactive and inert gas molecules by NAPUPS: can work function be a better descriptor of chemical reactivity?. Physical Chemistry Chemical Physics, 2020, 22, 15528-15540.	2.8	5
6	Correction to "Can Half-a-Monolayer of Pt Simulate Activity Like That of Bulk Pt? Solar Hydrogen Activity Demonstration with Quasi-artificial Leaf Device". ACS Applied Materials & Interfaces, 2022, 14, 32771-32771.	8.0	0