

Amritanjali Tiwari

List of Publications by Year in descending order

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17
papers

443
citations

759233

12
h-index

888059

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17
docs citations

17
times ranked

492
citing authors

#	ARTICLE	IF	CITATIONS
1	Visible light induced hydrogen production over thiophenothiazine-based dye sensitized TiO ₂ photocatalyst in neutral water. RSC Advances, 2015, 5, 31415-31421.	3.6	47
2	Hierarchical Porous TiO ₂ Embedded Unsymmetrical Zinc Phthalocyanine Sensitizer for Visible-Light-Induced Photocatalytic H ₂ Production. Journal of Physical Chemistry C, 2018, 122, 495-502.	3.1	46
3	Effect of donor-donor- π -acceptor architecture of triphenylamine-based organic sensitizers over TiO ₂ photocatalysts for visible-light-driven hydrogen production. International Journal of Hydrogen Energy, 2015, 40, 9069-9079.	7.1	45
4	Controlled Loading of MoS ₂ on Hierarchical Porous TiO ₂ for Enhanced Photocatalytic Hydrogen Evolution. Journal of Physical Chemistry C, 2021, 125, 11950-11962.	3.1	40
5	Fabrication of mixed phase TiO ₂ heterojunction nanorods and their enhanced photoactivities. Physical Chemistry Chemical Physics, 2016, 18, 15260-15268.	2.8	39
6	Revealing high hydrogen evolution activity in zinc porphyrin sensitized hierarchical porous TiO ₂ photocatalysts. International Journal of Hydrogen Energy, 2020, 45, 7508-7516.	7.1	36
7	Sunlight assisted degradation of a pollutant dye in water by a WO ₃ @g-C ₃ N ₄ nanocomposite catalyst. New Journal of Chemistry, 2020, 44, 2947-2960.	2.8	36
8	A simple carbazole based sensitizer attached to a Nafion-coated-TiO ₂ photocatalyst: the impact of controlling parameters towards visible light driven H ₂ production. New Journal of Chemistry, 2015, 39, 713-720.	2.8	31
9	Tetrathiafulvalene Scaffold-Based Sensitizer on Hierarchical Porous TiO ₂ : Efficient Light-Harvesting Material for Hydrogen Production. Journal of Physical Chemistry C, 2019, 123, 70-81.	3.1	23
10	Dithiafulvalene functionalized diketopyrrolopyrrole based sensitizers for efficient hydrogen production. Physical Chemistry Chemical Physics, 2015, 17, 13710-13718.	2.8	22
11	Constructing Cu/BN@PANI ternary heterostructure for efficient photocatalytic hydrogen generation: A combined experimental and DFT studies. International Journal of Hydrogen Energy, 2021, 46, 27394-27408.	7.1	22
12	Tailoring hierarchical porous TiO ₂ based ternary rGO/NiO/TiO ₂ photocatalyst for efficient hydrogen production and degradation of Rhodamine B. Journal of Molecular Structure, 2021, 1235, 130222.	3.6	15
13	<i>In situ</i> synthesis of Cu doped ZIF-8 for efficient photocatalytic water splitting. Applied Organometallic Chemistry, 2022, 36, .	3.5	11
14	Ruthenium(III)-bis(phenolato)bipyridine/TiO ₂ hybrids: unprecedented photocatalytic hydrogen evolution. Dalton Transactions, 2019, 48, 10070-10077.	3.3	9
15	Rational design of Ru(II)-phenanthroline complex embedded porous TiO ₂ photocatalyst for efficient hydrogen production. Renewable Energy, 2020, 159, 1-9.	8.9	8
16	Shedding light on hydroxyquinoline-based ruthenium sensitizers with a long-lived charge carrier to boost photocatalytic H ₂ evolution. RSC Advances, 2016, 6, 41165-41172.	3.6	7
17	Regulating surface structures for efficient electron transfer across h-BN/TiO ₂ /g-C ₃ N ₄ photocatalyst for remarkably enhanced hydrogen evolution. Journal of Materials Science: Materials in Electronics, 2021, 32, 12191-12207.	2.2	6