

Shiba P Adhikari

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,716
citations

361413
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501196
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29
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29
docs citations

29
times ranked

3321
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct 2,3-Butanediol Conversion to Butene-Rich C ₃₊ Olefins over Copper-Modified 2D Pillared MFI: Consequence of Reduced Diffusion Length. ACS Sustainable Chemistry and Engineering, 2022, 10, 1664-1674.	6.7	4
2	Isolated Metal Sites in Cuâ€Znâ€Y/Beta for Direct and Selective Butene-Rich C ₃₊ Olefin Formation from Ethanol. ACS Catalysis, 2021, 11, 9885-9897.	11.2	24
3	Unraveling the structural properties and dynamics of sulfonated solid acid carbon catalysts with neutron vibrational spectroscopy. Catalysis Today, 2020, 358, 387-393.	4.4	6
4	Scalable neutral H ₂ O ₂ electrosynthesis by platinum diphosphide nanocrystals by regulating oxygen reduction reaction pathways. Nature Communications, 2020, 11, 3928.	12.8	101
5	A hybrid pathway to biojet fuel <i>via</i> 2,3-butanediol. Sustainable Energy and Fuels, 2020, 4, 3904-3914.	4.9	22
6	Biofuel Production With Sulfonated High Surface Area Carbons Derived From Glucose. ChemistrySelect, 2020, 5, 1534-1538.	1.5	5
7	Carbon polyaniline capacitive deionization electrodes with stable cycle life. Desalination, 2019, 464, 25-32.	8.2	32
8	Interface Engineering of Colloidal CdSe Quantum Dot Thin Films as Acid-Stable Photocathodes for Solar-Driven Hydrogen Evolution. ACS Applied Materials & Interfaces, 2018, 10, 17129-17139.	8.0	11
9	Enhancing the photoresponse and photocatalytic properties of TiO ₂ by controllably tuning defects across {101} facets. Applied Surface Science, 2018, 434, 711-716.	6.1	23
10	Semiconductor Heterojunctions for Enhanced Visible Light Photocatalytic H ₂ Production. MRS Advances, 2018, 3, 3263-3270.	0.9	1
11	Activated Carbons Derived from High-Temperature Pyrolysis of Lignocellulosic Biomass. Journal of Carbon Research, 2018, 4, 51.	2.7	77
12	Visible-light-active g-C ₃ N ₄ /N-doped Sr ₂ Nb ₂ O ₇ heterojunctions as photocatalysts for the hydrogen evolution reaction. Sustainable Energy and Fuels, 2018, 2, 2507-2515.	4.9	46
13	Tire-derived carbon for catalytic preparation of biofuels from feedstocks containing free fatty acids. Carbon Resources Conversion, 2018, 1, 165-173.	5.9	38
14	Lignin-Derived Carbon Fibers as Efficient Heterogeneous Solid Acid Catalysts for Esterification of Oleic Acid. MRS Advances, 2018, 3, 2865-2873.	0.9	7
15	Enhanced visible light photocatalytic water reduction from a g-C ₃ N ₄ /SrTa ₂ O ₆ heterojunction. Applied Catalysis B: Environmental, 2017, 217, 448-458.	20.2	58
16	Novel Acid Catalysts from Wasteâ€Tireâ€Derived Carbon: Application in Wasteâ€toâ€Biofuel Conversion. ChemistrySelect, 2017, 2, 4975-4982.	1.5	17
17	A Visibleâ€Lightâ€Active Heterojunction with Enhanced Photocatalytic Hydrogen Generation. ChemSusChem, 2016, 9, 1869-1879.	6.8	42
18	Signal correction using molecular species to improve biodiesel analysis by microwave-induced plasma optical emission spectrometry. Microchemical Journal, 2016, 129, 58-62.	4.5	27

#	ARTICLE	IF	CITATIONS
19	Titania Composites with 2% D Transition Metal Carbides as Photocatalysts for Hydrogen Production under Visible-Light Irradiation. <i>ChemSusChem</i> , 2016, 9, 1490-1497.	6.8	253
20	Structural and electrolyte properties of Li ₄ P ₂ S ₆ . <i>Solid State Ionics</i> , 2016, 284, 61-70.	2.7	59
21	Reduction of charge-transfer resistance at the solid electrolyte “ electrode interface by pulsed laser deposition of films from a crystalline Li ₂ PO ₂ N source. <i>Journal of Power Sources</i> , 2016, 312, 116-122.	7.8	43
22	Enhancement of visible light photocatalytic activity of tantalum oxynitride and tantalum nitride by coupling with bismuth oxide; an example of composite photocatalysis. <i>Materials Research Society Symposia Proceedings</i> , 2015, 1738, 13.	0.1	3
23	Visible light assisted photocatalytic hydrogen generation by Ta ₂ O ₅ /Bi ₂ O ₃ , TaON/Bi ₂ O ₃ , and Ta ₃ N ₅ /Bi ₂ O ₃ composites. <i>RSC Advances</i> , 2015, 5, 54998-55005.	3.6	47
24	Visible-light-driven Bi ₂ O ₃ /WO ₃ composites with enhanced photocatalytic activity. <i>RSC Advances</i> , 2015, 5, 91094-91102.	3.6	54