Amare Aregahegn Dubale

List of Publications by Year
in descending order

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Version: 2024-02-01

23 papers	3,767 citations	430874 18 h-index	677142 22 g-index
23 all docs	23 docs citations	23 times ranked	7295 citing authors

#	Article	IF	Citations
1	Highly Efficient Multisubstrate Agricultural Waste-Derived Activated Carbon for Enhanced CO₂ Capture. ACS Omega, 2022, 7, 18770-18779.	3.5	8
2	A Robust PtNi Nanoframe/Nâ€Doped Graphene Aerogel Electrocatalyst with Both High Activity and Stability. Angewandte Chemie - International Edition, 2021, 60, 9590-9597.	13.8	88
3	Fatty acid composition, total phenolic contents and antioxidant activity of white and black sesame seed varieties from different localities of Ethiopia. Chemical and Biological Technologies in Agriculture, 2021, 8, .	4.6	22
4	A Robust PtNi Nanoframe/Nâ€Doped Graphene Aerogel Electrocatalyst with Both High Activity and Stability. Angewandte Chemie, 2021, 133, 9676-9683.	2.0	9
5	Boosting Both Electrocatalytic Activity and Durability of Metal Aerogels via Intrinsic Hierarchical Porosity and Continuous Conductive Network Backbone Preservation. Advanced Energy Materials, 2021, 11, 2002276.	19.5	24
6	A facile strategy for fabricating C@Cu2O/CuO composite for efficient photochemical hydrogen production with high external quantum efficiency. Applied Surface Science, 2020, 534, 147582.	6.1	33
7	Highâ€Performance Bismuthâ€Doped Nickel Aerogel Electrocatalyst for the Methanol Oxidation Reaction. Angewandte Chemie, 2020, 132, 13995-14003.	2.0	22
8	Highâ€Performance Bismuthâ€Doped Nickel Aerogel Electrocatalyst for the Methanol Oxidation Reaction. Angewandte Chemie - International Edition, 2020, 59, 13891-13899.	13.8	179
9	Chemical Composition ofUrtica simensisGrown in Different Regions of Ethiopia. Journal of Chemistry, 2020, 2020, 1-8.	1.9	6
10	Fabrication of 2D NiO Porous Nanosheets with Superior Lithium Storage Performance via a Facile Thermal-Decomposition Method. ACS Applied Energy Materials, 2019, 2, 8262-8273.	5.1	59
11	Copper doped zeolite composite for antimicrobial activity and heavy metal removal from waste water. BMC Chemistry, 2019, 13, 44.	3.8	33
12	Zirconium based metal-organic framework in-situ assisted hydrothermal pretreatment and enzymatic hydrolysis of Platanus X acerifolia exfoliating bark for bioethanol production. Bioresource Technology, 2019, 280, 213-221.	9.6	18
13	A highly stable metalâ€“organic framework derived phosphorus doped carbon/Cu₂O structure for efficient photocatalytic phenol degradation and hydrogen production. Journal of Materials Chemistry A, 2019, 7, 6062-6079.	10.3	61
14	Hydrolysis of cellulose using cellulase physically immobilized on highly stable zirconium based metal-organic frameworks. Bioresource Technology, 2018, 270, 377-382.	9.6	82
15	Sequentially surface modified hematite enables lower applied bias photoelectrochemical water splitting. Physical Chemistry Chemical Physics, 2017, 19, 20881-20890.	2.8	34
16	A highly stable CuS and CuSâ€“Pt modified Cu₂O/CuO heterostructure as an efficient photocathode for the hydrogen evolution reaction. Journal of Materials Chemistry A, 2016, 4, 2205-2216.	10.3	199
17	Using hematite for photoelectrochemical water splitting: a review of current progress and challenges. Nanoscale Horizons, 2016, 1, 243-267.	8.0	612
18	Organometal halide perovskite solar cells: degradation and stability. Energy and Environmental Science, 2016, 9, 323-356.	30.8	1,457

#	Article	IF	Citations
19	Photoelectrochemical water splitting at low applied potential using a NiOOH coated codoped (Sn, Zr) Î±-Fe₂O₃ photoanode. Journal of Materials Chemistry A, 2015, 3, 5949-5961.	10.3	211
20	Efficient photoelectrochemical water splitting using three dimensional urchin-like hematite nanostructure modified with reduced graphene oxide. Journal of Power Sources, 2015, 287, 119-128.	7.8	94
21	Heterostructured Cu₂O/CuO decorated with nickel as a highly efficient photocathode for photoelectrochemical water reduction. Journal of Materials Chemistry A, 2015, 3, 12482-12499.	10.3	257
22	The synergetic effect of graphene on Cu₂O nanowire arrays as a highly efficient hydrogen evolution photocathode in water splitting. Journal of Materials Chemistry A, 2014, 2, 18383-18397.	10.3	259
23	Assessment of mineral and sugar contents of Plectranthus edulis landraces. International Journal of Vegetable Science, 0, , 1-8.	1.3	0