

Amare Aregahegn Dubale

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

22
papers

2,821
citations

14
h-index

23
g-index

23
ext. papers

3,329
ext. citations

10.1
avg, IF

5.17
L-index

#	Paper	IF	Citations
22	A Robust PtNi Nanoframe/N-Doped Graphene Aerogel Electrocatalyst with Both High Activity and Stability. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 9590-9597	16.4	26
21	Fatty acid composition, total phenolic contents and antioxidant activity of white and black sesame seed varieties from different localities of Ethiopia. <i>Chemical and Biological Technologies in Agriculture</i> , 2021 , 8,	4.4	5
20	A Robust PtNi Nanoframe/N-Doped Graphene Aerogel Electrocatalyst with Both High Activity and Stability. <i>Angewandte Chemie</i> , 2021 , 133, 9676-9683	3.6	2
19	Boosting Both Electrocatalytic Activity and Durability of Metal Aerogels via Intrinsic Hierarchical Porosity and Continuous Conductive Network Backbone Preservation. <i>Advanced Energy Materials</i> , 2021 , 11, 2002276	21.8	8
18	High-Performance Bismuth-Doped Nickel Aerogel Electrocatalyst for the Methanol Oxidation Reaction. <i>Angewandte Chemie</i> , 2020 , 132, 13995-14003	3.6	11
17	High-Performance Bismuth-Doped Nickel Aerogel Electrocatalyst for the Methanol Oxidation Reaction. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 13891-13899	16.4	67
16	Chemical Composition of <i>Urtica simensis</i> Grown in Different Regions of Ethiopia. <i>Journal of Chemistry</i> , 2020 , 2020, 1-8	2.3	2
15	A facile strategy for fabricating C@Cu ₂ O/CuO composite for efficient photochemical hydrogen production with high external quantum efficiency. <i>Applied Surface Science</i> , 2020 , 534, 147582	6.7	12
14	Copper doped zeolite composite for antimicrobial activity and heavy metal removal from waste water. <i>BMC Chemistry</i> , 2019 , 13, 44	3.7	19
13	Zirconium based metal-organic framework in-situ assisted hydrothermal pretreatment and enzymatic hydrolysis of <i>Platanus X acerifolia</i> exfoliating bark for bioethanol production. <i>Bioresource Technology</i> , 2019 , 280, 213-221	11	12
12	A highly stable metal-organic framework derived phosphorus doped carbon/Cu ₂ O structure for efficient photocatalytic phenol degradation and hydrogen production. <i>Journal of Materials Chemistry A</i> , 2019 , 7, 6062-6079	13	33
11	Fabrication of 2D NiO Porous Nanosheets with Superior Lithium Storage Performance via a Facile Thermal-Decomposition Method. <i>ACS Applied Energy Materials</i> , 2019 , 2, 8262-8273	6.1	29
10	Hydrolysis of cellulose using cellulase physically immobilized on highly stable zirconium based metal-organic frameworks. <i>Bioresource Technology</i> , 2018 , 270, 377-382	11	48
9	Sequentially surface modified hematite enables lower applied bias photoelectrochemical water splitting. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 20881-20890	3.6	26
8	Organometal halide perovskite solar cells: degradation and stability. <i>Energy and Environmental Science</i> , 2016 , 9, 323-356	35.4	1188
7	A highly stable CuS and CuS@Pt modified Cu ₂ O/CuO heterostructure as an efficient photocathode for the hydrogen evolution reaction. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 2205-2216	13	159
6	Using hematite for photoelectrochemical water splitting: a review of current progress and challenges. <i>Nanoscale Horizons</i> , 2016 , 1, 243-267	10.8	477

5	Efficient photoelectrochemical water splitting using three dimensional urchin-like hematite nanostructure modified with reduced graphene oxide. <i>Journal of Power Sources</i> , 2015 , 287, 119-128	8.9	86
4	Heterostructured Cu ₂ O/CuO decorated with nickel as a highly efficient photocathode for photoelectrochemical water reduction. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 12482-12499	13	206
3	Photoelectrochemical water splitting at low applied potential using a NiOOH coated codoped (Sn, Zr) Fe ₂ O ₃ photoanode. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 5949-5961	13	181
2	The synergetic effect of graphene on Cu ₂ O nanowire arrays as a highly efficient hydrogen evolution photocathode in water splitting. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 18383-18397	13	223
1	Assessment of mineral and sugar contents of <i>Plectranthus edulis</i> landraces. <i>International Journal of Vegetable Science</i> , 1-8	1.2	