

Aya Mohamed

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

363
citations

1162367

8
h-index

1372195

10
g-index

10
all docs

10
docs citations

10
times ranked

219
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoelectrochemical energy storage materials: design principles and functional devices towards direct solar to electrochemical energy storage. <i>Chemical Society Reviews</i> , 2022, 51, 1511-1528.	18.7	113
2	Electrocatalysts by Electrodeposition: Recent Advances, Synthesis Methods, and Applications in Energy Conversion. <i>Advanced Functional Materials</i> , 2021, 31, 2101313.	7.8	86
3	Photo-assisted charge/discharge Li-organic battery with a charge-separated and redox-active C ₆₀ @porous organic cage cathode. <i>Energy and Environmental Science</i> , 2022, 15, 780-785.	15.6	37
4	Surface evolution of electrocatalysts in energy conversion reactions. <i>Nano Energy</i> , 2021, 82, 105745.	8.2	36
5	Asymmetric Oxo-Bridged ZnPb Bimetallic Electrocatalysis Boosting CO ₂ to HCOOH Reduction. <i>Advanced Science</i> , 2022, 9, e2104138.	5.6	26
6	Metal-free sites with multidimensional structure modifications for selective electrochemical CO ₂ reduction. <i>Nano Today</i> , 2020, 33, 100891.	6.2	23
7	Toward Commercial Carbon Dioxide Electrolysis. <i>Advanced Sustainable Systems</i> , 2020, 4, 2000096.	2.7	20
8	Advances and Fundamental Understanding of Electrocatalytic Methane Oxidation. <i>ChemCatChem</i> , 2021, 13, 787-805.	1.8	13
9	Wide Potential CO ₂ to CO Electroreduction Relies on Pyridinic N/Ni _x Sites and Its Zn-CO ₂ Battery Application. <i>Energy Technology</i> , 2021, 9, 2100205.	1.8	8
10	Facile synthesis of RuOx/SiC/C for photoelectrocatalysis. <i>Inorganic Chemistry Frontiers</i> , 2021, 8, 3733-3739.	3.0	1