

Ela Nurlaela

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

760
citations

932766

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h-index

1281420

11
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11
docs citations

11
times ranked

1093
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature Dependence of Electrocatalytic and Photocatalytic Oxygen Evolution Reaction Rates Using NiFe Oxide. ACS Catalysis, 2016, 6, 1713-1722.	5.5	145
2	Critical Role of the Semiconductorâ€“Electrolyte Interface in Photocatalytic Performance for Water-Splitting Reactions Using Ta ₃ N ₅ Particles. Chemistry of Materials, 2014, 26, 4812-4825.	3.2	98
3	Combined experimental and theoretical assessments of the lattice dynamics and optoelectronics of TaON and Ta ₃ N ₅ . Journal of Solid State Chemistry, 2015, 229, 219-227.	1.4	88
4	Tuning the properties of visible-light-responsive tantalum (oxy)nitride photocatalysts by non-stoichiometric compositions: a first-principles viewpoint. Physical Chemistry Chemical Physics, 2014, 16, 20548-20560.	1.3	86
5	Carrier dynamics of a visible-light-responsive Ta ₃ N ₅ photoanode for water oxidation. Physical Chemistry Chemical Physics, 2015, 17, 2670-2677.	1.3	85
6	Tantalum nitride for photocatalytic water splitting: concept and applications. Materials for Renewable and Sustainable Energy, 2016, 5, 1.	1.5	70
7	Establishing Efficient Cobalt-Based Catalytic Sites for Oxygen Evolution on a Ta ₃ N ₅ Photocatalyst. Chemistry of Materials, 2015, 27, 5685-5694.	3.2	51
8	The cross-substitution effect of tantalum on the visible-light-driven water oxidation activity of BaNbO ₂ N crystals grown directly by an NH ₃ -assisted flux method. Journal of Materials Chemistry A, 2016, 4, 12807-12817.	5.2	50
9	Enhanced Kinetics of Hole Transfer and Electrocatalysis during Photocatalytic Oxygen Evolution by Cocatalyst Tuning. ACS Catalysis, 2016, 6, 4117-4126.	5.5	48
10	Towards zero bias photoelectrochemical water splitting: onset potential improvement on a Mg:GaN modified-Ta ₃ N ₅ photoanode. Journal of Materials Chemistry A, 2018, 6, 15265-15273.	5.2	32
11	Plasma-enhanced chemical vapor deposition Ta ₃ N ₅ synthesis leading to high current density during PEC oxygen evolution. Sustainable Energy and Fuels, 2020, 4, 2293-2300.	2.5	7