

Ahmed Ziani

List of Publications by Year in descending order

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papers

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840119

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1125271

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858
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoelectrochemical Properties of Crystalline Perovskite Lanthanum Titanium Oxynitride Films under Visible Light. <i>Journal of Physical Chemistry C</i> , 2009, 113, 6156-6162.	1.5	122
2	Carrier dynamics of a visible-light-responsive Ta ₃ N ₅ photoanode for water oxidation. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 2670-2677.	1.3	85
3	Tantalum nitride for photocatalytic water splitting: concept and applications. <i>Materials for Renewable and Sustainable Energy</i> , 2016, 5, 1.	1.5	70
4	Integrated In-situ Characterization of a Molten Salt Catalyst Surface: Evidence of Sodium Peroxide and Hydroxyl Radical Formation. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 10403-10407.	7.2	57
5	Determination of the electronic, dielectric, and optical properties of sillenite Bi ₁₂ TiO ₂₀ and perovskite-like Bi ₄ Ti ₃ O ₁₂ materials from hybrid first-principle calculations. <i>Journal of Chemical Physics</i> , 2016, 144, 134702.	1.2	45
6	UV-Vis optoelectronic properties of $\hat{1}\pm$ -SnWO ₄ : A comparative experimental and density functional theory based study. <i>APL Materials</i> , 2015, 3, 096101.	2.2	40
7	Photophysical Properties of SrTaO ₂ N Thin Films and Influence of Anion Ordering: A Joint Theoretical and Experimental Investigation. <i>Chemistry of Materials</i> , 2017, 29, 3989-3998.	3.2	37
8	Combined experimental and theoretical study of the optoelectronic properties of non-stoichiometric pyrochlore bismuth titanate. <i>Journal of Materials Chemistry C</i> , 2015, 3, 12032-12039.	2.7	29
9	Bismuth Silver Oxysulfide for Photoconversion Applications: Structural and Optoelectronic Properties. <i>Chemistry of Materials</i> , 2017, 29, 8679-8689.	3.2	28
10	Critical difference between optoelectronic properties of $\hat{1}\pm$ and $\hat{1}^2$ -SnWO ₄ semiconductors: A DFT/HSE06 and experimental investigation. <i>Physica Status Solidi (B): Basic Research</i> , 2016, 253, 1115-1119.	0.7	18
11	Integrated In-situ Characterization of a Molten Salt Catalyst Surface: Evidence of Sodium Peroxide and Hydroxyl Radical Formation. <i>Angewandte Chemie</i> , 2017, 129, 10539-10543.	1.6	17
12	Generation of Transparent Oxygen Evolution Electrode Consisting of Regularly Ordered Nanoparticles from Self-Assembly Cobalt Phthalocyanine as a Template. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 32376-32384.	4.0	12