

Benjamin H Meekins

List of Publications by Year in descending order

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908
citing authors

#	ARTICLE	IF	CITATIONS
1	Got TiO ₂ Nanotubes? Lithium Ion Intercalation Can Boost Their Photoelectrochemical Performance. ACS Nano, 2009, 3, 3437-3446.	7.3	260
2	Role of Water Oxidation Catalyst IrO ₂ in Shuttling Photogenerated Holes Across TiO ₂ Interface. Journal of Physical Chemistry Letters, 2011, 2, 2304-2310.	2.1	107
3	Compositional Screening of the Pb-Bi-Mo-O System. Spontaneous Formation of a Composite of <i>p</i> -PbMoO ₄ and <i>n</i> -Bi ₂ O ₃ with Improved Photoelectrochemical Efficiency and Stability. Journal of Physical Chemistry Letters, 2013, 4, 2707-2710.	2.1	36
4	Photoactive Porous Silicon Nanopowder. ACS Applied Materials & Interfaces, 2013, 5, 2943-2951.	4.0	24
5	In-situ and ex-situ comparison of the electrochemical oxidation of SO ₂ on carbon supported Pt and Au catalysts. International Journal of Hydrogen Energy, 2020, 45, 1940-1947.	3.8	14
6	Parametric study of operating conditions of an SO ₂ -depolarized electrolyzer. International Journal of Hydrogen Energy, 2020, 45, 22408-22418.	3.8	13
7	Detection of single metal nanoparticle collision events in non-aqueous media. Physical Chemistry Chemical Physics, 2017, 19, 17256-17262.	1.3	6
8	High-performance SO ₂ -depolarized electrolysis cell using advanced polymer electrolyte membranes. International Journal of Hydrogen Energy, 2022, 47, 57-68.	3.8	6
9	Electrode optimization for efficient hydrogen production using an SO ₂ -depolarized electrolysis cell. International Journal of Hydrogen Energy, 2022, 47, 14180-14185.	3.8	4
10	Combustion synthesis and photoelectrochemical characterization of gallium zinc oxynitrides. Journal of Materials Research, 2018, 33, 3971-3978.	1.2	3
11	Fully anhydrous HCl electrolysis using polybenzimidazole membranes. International Journal of Hydrogen Energy, 2022, 47, 26859-26864.	3.8	2
12	Combustion Synthesis and Photoelectrochemical Characterization of Metal Oxynitrides Using GaxZn1-XOyN1-Y as a Model Candidate. ECS Meeting Abstracts, 2017, , .	0.0	0
13	Co-Electroless Deposition of Pt-M Bimetallic Alloyed Catalysts for Methanol Oxidation. ECS Meeting Abstracts, 2019, , .	0.0	0
14	Catalyst Effects on Gas Phase HCl Oxidation in PEM Electrolyzer. ECS Meeting Abstracts, 2019, , .	0.0	0
15	Gas Phase Electrolysis of Anhydrous HCl for Dry H ₂ Production. ECS Meeting Abstracts, 2020, MA2020-02, 2493-2493.	0.0	0
16	Effect of Temperature on Anhydrous Hydrogen Chloride Electrolysis. ECS Meeting Abstracts, 2021, MA2021-02, 1264-1264.	0.0	0