

Reza Abbasi

List of Publications by Year in descending order

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16
papers

726
citations

1039880

9
h-index

887953

17
g-index

17
all docs

17
docs citations

17
times ranked

1079
citing authors

#	ARTICLE	IF	CITATIONS
1	A high-performance 75ÅW direct ammonia fuel cell stack. Cell Reports Physical Science, 2022, 3, 100829.	2.8	6
2	Oxygen Evolution on Iron Oxide Nanoparticles: The Impact of Crystallinity and Size on the Overpotential. Journal of the Electrochemical Society, 2021, 168, 034518.	1.3	15
3	A High-Performance Gas-Fed Direct Ammonia Hydroxide Exchange Membrane Fuel Cell. ACS Energy Letters, 2021, 6, 1996-2002.	8.8	22
4	Low-temperature direct ammonia fuel cells: Recent developments and remaining challenges. Current Opinion in Electrochemistry, 2020, 21, 335-344.	2.5	47
5	A Direct Ammonia Fuel Cell with a KOH-Free Anode Feed Generating 180 mW cm ² at 120 Å°C. Journal of the Electrochemical Society, 2020, 167, 134518.	1.3	19
6	Effect of Ammonia on the Electrocatalysis of Oxygen Reduction Reaction in Base. Journal of the Electrochemical Society, 2020, 167, 164510.	1.3	4
7	A Roadmap to Low-Cost Hydrogen with Hydroxide Exchange Membrane Electrolyzers. Advanced Materials, 2019, 31, e1805876.	11.1	184
8	Polymeric Films Containing Sodium Chlorite That Release Disinfectant Gas upon Activation with UV Light. Advanced Functional Materials, 2019, 29, 1804851.	7.8	11
9	Phosphorylation status of peptide monolayers modulates hydrogen bonding and orientations of nematic liquid crystals. Liquid Crystals, 2018, 45, 2253-2268.	0.9	2
10	Generation of Gaseous ClO ₂ from Thin Films of Solid NaClO ₂ by Sequential Exposure to Ultraviolet Light and Moisture. ACS Applied Materials & Interfaces, 2017, 9, 16594-16603.	4.0	7
11	Methane oxidation over Pt, Pt:Pd, and Pd based catalysts: Effects of pre-treatment. Canadian Journal of Chemical Engineering, 2015, 93, 1474-1482.	0.9	30
12	Liquid Crystals Anchored on Mixed Monolayers of Chiral versus Achiral Molecules: Continuous Change in Orientation as a Function of Enantiomeric Excess. Angewandte Chemie - International Edition, 2014, 53, 8079-8083.	7.2	7
13	Chemical and biological sensing using liquid crystals. Liquid Crystals Reviews, 2013, 1, 29-51.	1.1	294
14	Prediction of Henry's Law Constant of Organic Compounds in Water from a New Group-Contribution-Based Model. Industrial & Engineering Chemistry Research, 2010, 49, 10149-10152.	1.8	47
15	A New Neural Network Group Contribution Method for Estimation of Upper Flash Point of Pure Chemicals. Industrial & Engineering Chemistry Research, 2010, 49, 12685-12695.	1.8	28
16	Mathematical Modeling of Gas Oil HDS and Optimization of Operational Conditions in Trickle Bed Reactor by Genetic Algorithm. International Journal of Chemical Reactor Engineering, 2009, 7, .	0.6	2