

Da He

List of Publications by Year in descending order

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20
papers

989
citations

567281

15
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

1929
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrathin PtPdTe Nanowires as Superior Catalysts for Methanol Electrooxidation. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 7472-7476.	13.8	206
2	Comparison of heterogenized molecular and heterogeneous oxide catalysts for photoelectrochemical water oxidation. <i>Energy and Environmental Science</i> , 2016, 9, 1794-1802.	30.8	136
3	Hematite-Based Solar Water Splitting in Acidic Solutions: Functionalization by Mono- and Multilayers of Iridium Oxygen-Evolution Catalysts. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 11428-11432.	13.8	121
4	Catalysts in electro-, photo- and photoelectrocatalytic CO ₂ reduction reactions. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2019, 40, 117-149.	11.6	101
5	Selective CO Production by Photoelectrochemical Methane Oxidation on TiO ₂ . <i>ACS Central Science</i> , 2018, 4, 631-637.	11.3	56
6	Role of H ₂ O in CO ₂ Electrochemical Reduction As Studied in a Water-in-Salt System. <i>ACS Central Science</i> , 2019, 5, 1461-1467.	11.3	46
7	Observation of a potential-dependent switch of water-oxidation mechanism on Co-oxide-based catalysts. <i>CheM</i> , 2021, 7, 2101-2117.	11.7	42
8	Tunable Syngas Formation from Electrochemical CO ₂ Reduction on Copper Nanowire Arrays. <i>ACS Applied Energy Materials</i> , 2020, 3, 9841-9847.	5.1	41
9	Understanding the role of co-catalysts on silicon photocathodes using intensity modulated photocurrent spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 29653-29659.	2.8	40
10	CO ₂ reduction with Re(<i>scpi</i>)-NHC compounds: driving selective catalysis with a silicon nanowire photoelectrode. <i>Chemical Communications</i> , 2016, 52, 14258-14261.	4.1	32
11	Photoelectrochemical CO ₂ Reduction by a Molecular Cobalt(II) Catalyst on Planar and Nanostructured Si Surfaces. <i>Chemistry - A European Journal</i> , 2016, 22, 13064-13067.	3.3	27
12	Surface Charge Polarization at the Interface: Enhancing the Oxygen Reduction via Precise Synthesis of Heterogeneous Ultrathin Pt/PtTe Nanowire. <i>Chemistry of Materials</i> , 2016, 28, 8890-8898.	6.7	24
13	Carboxylation of α,β -Unsaturated Ketones by CO ₂ Fixation through Photoelectro-chemistry. <i>ACS Applied Energy Materials</i> , 2020, 3, 5813-5818.	5.1	21
14	Dependence of interface energetics and kinetics on catalyst loading in a photoelectrochemical system. <i>Nano Research</i> , 2019, 12, 2378-2384.	10.4	15
15	Photoelectrochemical NADH regeneration is highly sensitive to the nature of electrode surface. <i>Journal of Chemical Physics</i> , 2020, 153, 064703.	3.0	8
16	Electrochemically Triggered Chain Reactions for the Conversion of Furan Derivatives. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 7534-7539.	13.8	8
17	Understanding photoelectrochemical kinetics in a model CO ₂ fixation reaction. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 17517-17520.	2.8	6
18	Electrochemically Triggered Chain Reactions for the Conversion of Furan Derivatives. <i>Angewandte Chemie</i> , 2021, 133, 7612-7617.	2.0	3

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19	Frontispiece: Electrochemically Triggered Chain Reactions for the Conversion of Furan Derivatives. <i>Angewandte Chemie - International Edition</i> , 2021, 60, .	13.8	1
20	Frontispiz: Electrochemically Triggered Chain Reactions for the Conversion of Furan Derivatives. <i>Angewandte Chemie</i> , 2021, 133, .	2.0	0