

Pinghong Xu

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,404
citations

759233

12
h-index

996975

15
g-index

19
all docs

19
docs citations

19
times ranked

2847
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural and Chemical Evolution of Li- and Mn-Rich Layered Cathode Material. <i>Chemistry of Materials</i> , 2015, 27, 1381-1390.	6.7	311
2	Mitigating Voltage Fade in Cathode Materials by Improving the Atomic Level Uniformity of Elemental Distribution. <i>Nano Letters</i> , 2014, 14, 2628-2635.	9.1	273
3	Demonstration of an Electrochemical Liquid Cell for Operando Transmission Electron Microscopy Observation of the Lithiation/Delithiation Behavior of Si Nanowire Battery Anodes. <i>Nano Letters</i> , 2013, 13, 6106-6112.	9.1	265
4	A Single-Site Platinum CO Oxidation Catalyst in Zeolite KLTL: Microscopic and Spectroscopic Determination of the Locations of the Platinum Atoms. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 8904-8907.	13.8	263
5	Atomic-Scale Determination of Active Facets on the MoVTeNb Oxide M1 Phase and Their Intrinsic Catalytic Activity for Ethane Oxidative Dehydrogenation. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8873-8877.	13.8	59
6	In-Situ Electrochemical Transmission Electron Microscopy for Battery Research. <i>Microscopy and Microanalysis</i> , 2014, 20, 484-492.	0.4	45
7	Tracking Rh Atoms in Zeolite HY: First Steps of Metal Cluster Formation and Influence of Metal Nuclearity on Catalysis of Ethylene Hydrogenation and Ethylene Dimerization. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 2537-2543.	4.6	44
8	Ab initio RAFT emulsion polymerization of butadiene using the amphiphilic poly(acrylic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Part A, 2011, 49, 2980-2989.	2.3	26
9	Rhodium pair-sites on magnesium oxide: Synthesis, characterization, and catalysis of ethylene hydrogenation. <i>Journal of Catalysis</i> , 2016, 338, 12-20.	6.2	24
10	Single-Site Osmium Catalysts on MgO: Reactivity and Catalysis of CO Oxidation. <i>Chemistry - A European Journal</i> , 2017, 23, 2532-2536.	3.3	18
11	Distribution of Metal Cations in Ni-Mo-W Sulfide Catalysts. <i>ChemCatChem</i> , 2015, 7, 3692-3704.	3.7	17
12	Atomic-Scale Determination of Active Facets on the MoVTeNb Oxide M1 Phase and Their Intrinsic Catalytic Activity for Ethane Oxidative Dehydrogenation. <i>Angewandte Chemie</i> , 2016, 128, 9019-9023.	2.0	10
13	Quantitative Z-contrast Imaging in Scanning Transmission Electron Microscopy of Zeolite-supported Metal Clusters and Single-metal-atom Complexes With Single-Atom Sensitivity. <i>Microscopy and Microanalysis</i> , 2014, 20, 148-149.	0.4	1
14	Ex-situ and In-situ Analysis of MoVTeNb Oxide by Aberration-Corrected Scanning Transmission Electron Microscopy. <i>Microscopy and Microanalysis</i> , 2014, 20, 108-109.	0.4	0
15	Innentitelbild: Atomic-Scale Determination of Active Facets on the MoVTeNb Oxide M1 Phase and Their Intrinsic Catalytic Activity for Ethane Oxidative Dehydrogenation (Angew. Chem. 31/2016). <i>Angewandte Chemie</i> , 2016, 128, 8914-8914.	2.0	0
16	FY17-PDH-EVTest04 GodInput Impact of the Oxygen Defects1 FY17-PDH-EVTest04 Reduction Rates of Stearic AcidFY17-PDH-T04. <i>Chemistry - A European Journal</i> , 2015, , 2436-2434.	3.3	0