

Yongjie Xi

List of Publications by Year in descending order

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papers

419
citations

840776

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21
all docs

21
docs citations

21
times ranked

775
citing authors

#	ARTICLE	IF	CITATIONS
1	Inkjet-Printable Hydrochromic Paper for Encrypting Information and Anticounterfeiting. ACS Applied Materials & Interfaces, 2017, 9, 33071-33079.	8.0	92
2	Mechanism of Hydrogen Spillover on WO ₃ (001) and Formation of H _x WO ₃ (x = 0.125, 0.25, 0.375, and 0.5). Journal of Physical Chemistry C, 2014, 118, 494-501.	3.1	89
3	Direct Oxidation of Methane to Methanol Enabled by Electronic Atomic Monolayer-Metal Support Interaction. ACS Catalysis, 2019, 9, 6073-6079.	11.2	36
4	Mechanistic study of the ceria supported, re-catalyzed deoxydehydration of vicinal OH groups. Catalysis Science and Technology, 2018, 8, 5750-5762.	4.1	24
5	Greatly Enhancing Catalytic Activity of Graphene by Doping the Underlying Metal Substrate. Scientific Reports, 2015, 5, 12058.	3.3	23
6	Influence of Charge on the Reactivity of Supported Heterogeneous Transition Metal Catalysts. ACS Catalysis, 2015, 5, 4592-4597.	11.2	21
7	Electronic Structures and Transport Properties of n-Type-Doped Indium Oxides. Journal of Physical Chemistry C, 2015, 119, 4789-4795.	3.1	20
8	Design of a CO Oxidation Catalyst Based on Two-Dimensional MnO ₂ . Journal of Physical Chemistry C, 2016, 120, 24302-24306.	3.1	20
9	Interactions between hydrogen and tungsten carbide: a first principles study. RSC Advances, 2014, 4, 39912.	3.6	17
10	Deoxydehydration of 1,4-anhydroerythritol over anatase TiO ₂ (101)-supported Re _x and Mo _x . Catalysis Science and Technology, 2020, 10, 3731-3738.	4.1	13
11	On the mechanism of catalytic hydrogenation of thiophene on hydrogen tungsten bronze. Physical Chemistry Chemical Physics, 2015, 17, 9698-9705.	2.8	11
12	Direct Oxidative Amination of the Methyl C-H Bond in N-Heterocycles over Metal-Free Mesoporous Carbon. ACS Catalysis, 2021, 11, 10902-10912.	11.2	11
13	Highly Efficient Deoxydehydration and Hydrodeoxygenation on MoS ₂ -Supported Transition-Metal Atoms through a C-H Activation Mechanism. ACS Catalysis, 2020, 10, 11346-11355.	11.2	10
14	Preferential Oxidation of CO in Hydrogen at Nonmetal Active Sites with High Activity and Selectivity. ACS Catalysis, 2020, 10, 5362-5370.	11.2	8
15	Mechanisms of Pyrrole Hydrogenation on Ru(0001) and Hydrogen Molybdenum Bronze Surfaces. Journal of Physical Chemistry C, 2015, 119, 22477-22485.	3.1	7
16	Spin-dependent electron transport through a Mn-phthalocyanine molecule - A steady-state density functional theory (SS-DFT) study. Canadian Journal of Chemistry, 2016, 94, 1002-1005.	1.1	6
17	Selective activation of methane C H bond in the presence of methanol. Journal of Catalysis, 2020, 386, 12-18.	6.2	6
18	Geometrical structures, and electronic and transport properties of a novel two-dimensional $\hat{\Gamma}^2$ -GaS transparent conductor. Nano Research, 2015, 8, 3177-3185.	10.4	3

#	ARTICLE	IF	CITATIONS
19	Predicted Unusual Catalytic Activity of One-Dimensional Pt-Induced Atomic Nanowires on Ge(001) Surface. <i>Journal of Physical Chemistry C</i> , 2016, 120, 402-406.	3.1	2
20	Analytic Force Field for Clusters and Nanoparticles of Aluminum and Its Hydride. <i>Physical Review Applied</i> , 2014, 1, .	3.8	0