

Yongjie Xi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7302156/publications.pdf>

Version: 2024-02-01

20
papers

419
citations

840776

11
h-index

794594

19
g-index

21
all docs

21
docs citations

21
times ranked

775
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Deoxydehydration of 1,4-anhydroerythritol over anatase TiO ₂ (101)-supported ReO _x and MoO _x . Catalysis Science and Technology, 2020, 10, 3731-3738.	4.1	13
4	Selective activation of methane C H bond in the presence of methanol. Journal of Catalysis, 2020, 386, 12-18.	6.2	6
5	Preferential Oxidation of CO in Hydrogen at Nonmetal Active Sites with High Activity and Selectivity. ACS Catalysis, 2020, 10, 5362-5370.	11.2	8
6	Direct Oxidation of Methane to Methanol Enabled by Electronic Atomic Monolayer-Metal Support Interaction. ACS Catalysis, 2019, 9, 6073-6079.	11.2	36
7	Mechanistic study of the ceria supported, re-catalyzed deoxydehydration of vicinal OH groups. Catalysis Science and Technology, 2018, 8, 5750-5762.	4.1	24
8	Inkjet-Printable Hydrochromic Paper for Encrypting Information and Anticounterfeiting. ACS Applied Materials & Interfaces, 2017, 9, 33071-33079.	8.0	92
9	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
10	Design of a CO Oxidation Catalyst Based on Two-Dimensional MnO ₂ . Journal of Physical Chemistry C, 2016, 120, 24302-24306.	3.1	20
11	Predicted Unusual Catalytic Activity of One-Dimensional Pt-Induced Atomic Nanowires on Ge(001) Surface. Journal of Physical Chemistry C, 2016, 120, 402-406.	3.1	2
12	Greatly Enhancing Catalytic Activity of Graphene by Doping the Underlying Metal Substrate. Scientific Reports, 2015, 5, 12058.	3.3	23
13	On the mechanism of catalytic hydrogenation of thiophene on hydrogen tungsten bronze. Physical Chemistry Chemical Physics, 2015, 17, 9698-9705.	2.8	11
14	Mechanisms of Pyrrole Hydrogenation on Ru(0001) and Hydrogen Molybdenum Bronze Surfaces. Journal of Physical Chemistry C, 2015, 119, 22477-22485.	3.1	7
15	Electronic Structures and Transport Properties of n-Type-Doped Indium Oxides. Journal of Physical Chemistry C, 2015, 119, 4789-4795.	3.1	20
16	Influence of Charge on the Reactivity of Supported Heterogeneous Transition Metal Catalysts. ACS Catalysis, 2015, 5, 4592-4597.	11.2	21
17	Geometrical structures, and electronic and transport properties of a novel two-dimensional \hat{I}^2 -GaS transparent conductor. Nano Research, 2015, 8, 3177-3185.	10.4	3
18	Mechanism of Hydrogen Spillover on WO ₃ (001) and Formation of H _x WO ₃ ($x = 0.125, 0.25, 0.375, \text{ and } 0.5$). Journal of Physical Chemistry C, 2014, 118, 494-501.	3.1	89

#	ARTICLE	IF	CITATIONS
19	Interactions between hydrogen and tungsten carbide: a first principles study. RSC Advances, 2014, 4, 39912.	3.6	17
20	Analytic Force Field for Clusters and Nanoparticles of Aluminum and Its Hydride. Physical Review Applied, 2014, 1, .	3.8	0