Remedios Cortese

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5857063/publications.pdf

Version: 2024-02-01

22	329	840776 11	839539 18
papers	citations	h-index	g-index

23	23	23	559
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Alkane dehydrogenation on defective BN quasi-molecular nanoflakes: DFT studies. Molecular Catalysis, 2020, 493, 110891.	2.0	4
2	Viewpoint: Atomic-Scale Design Protocols toward Energy, Electronic, Catalysis, and Sensing Applications. Inorganic Chemistry, 2019, 58, 14939-14980.	4.0	23
3	Hydrogen Arrangements on Defective Quasi-Molecular BN Fragments. ACS Omega, 2019, 4, 14849-14859.	3.5	4
4	In situ ATR-IR studies in aqueous phase reforming of hydroxyacetone on Pt/ZrO2 and Pt/AlO(OH) catalysts: The role of aldol condensation. Applied Catalysis B: Environmental, 2018, 232, 454-463.	20.2	27
5	DFT calculations on subnanometric metal catalysts: a short review on new supported materials. Theoretical Chemistry Accounts, 2018, 137, 1.	1.4	16
6	Boron Nitrideâ€supported Subâ€nanometer Pd 6 Clusters for Formic Acid Decomposition: A DFT Study. ChemCatChem, 2017, 9, 1610-1620.	3.7	23
7	A Combined Theoretical and Experimental Approach for Platinum Catalyzed 1,2-Propanediol Aqueous Phase Reforming. Journal of Physical Chemistry C, 2017, 121, 14636-14648.	3.1	5
8	Graph-Based Analysis of Ethylene Glycol Decomposition on a Palladium Cluster. Journal of Physical Chemistry C, 2017, 121, 13606-13616.	3.1	7
9	Density Functional Theory Investigation on the Nucleation of Homo- and Heteronuclear Metal Clusters on Defective Graphene. Journal of Physical Chemistry C, 2016, 120, 12022-12031.	3.1	22
10	Î±-d-Glucopyranose Adsorption on a Pd30 Cluster Supported on Boron Nitride Nanotube. Topics in Catalysis, 2016, 59, 1178-1184.	2.8	10
11	Growth of sub-nanometric palladium clusters on boron nitride nanotubes: a DFT study. Physical Chemistry Chemical Physics, 2016, 18, 1750-1757.	2.8	18
12	Nâ€Doped Carbon Networks: Alternative Materials Tracing New Routes for Activating Molecular Hydrogen. Chemistry - A European Journal, 2015, 21, 3806-3814.	3.3	11
13	Shape-Dependence of Pd Nanocrystal Carburization during Acetylene Hydrogenation. Journal of Physical Chemistry C, 2015, 119, 1101-1107.	3.1	38
14	Investigation of Polyol Adsorption on Ru, Pd, and Re Using vdW Density Functionals. Journal of Physical Chemistry C, 2015, 119, 17182-17192.	3.1	20
15	Modeled Catalytic Properties of MOF-Based Compounds. , 2015, , 517-551.		0
16	Structure Sensitivity of 2-Methyl-3-butyn-2-ol Hydrogenation on Pd: Computational and Experimental Modeling. Journal of Physical Chemistry C, 2014, 118, 3119-3128.	3.1	30
17	Alkaliâ€Metal Azides Interacting with Metalâ€“Organic Frameworks. ChemPhysChem, 2013, 14, 220-226.	2.1	0
18	Propan-2-ol dehydration on H-ZSM-5 and H-Y zeolite: a DFT study. Reaction Kinetics, Mechanisms and Catalysis, 2013, 108, 565-582.	1.7	17

#	Article	IF	Citations
19	<scp>l</scp>-Arabinose Conformers Adsorption on Ruthenium Surfaces: A DFT Study. Journal of Physical Chemistry C, 2012, 116, 14908-14916.	3.1	11
20	A DFT study of IRMOF-3 catalysed Knoevenagel condensation. Physical Chemistry Chemical Physics, 2011, 13, 15995.	2.8	29
21	Structural and Kinetic DFT Characterization of Materials to Rationalize Catalytic Performance. Topics in Catalysis, 2009, 52, 444-455.	2.8	11
22	Molecular-Level Characterization of Heterogeneous Catalytic Systems by Algorithmic Time Dependent Monte Carlo. Topics in Catalysis, 2009, 52, 431-443.	2.8	3