

Johnatan Mucelini

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

106
citations

1684188
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all docs

8
docs citations

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times ranked

88
citing authors

#	ARTICLE	IF	CITATIONS
1	Correlation-Based Framework for Extraction of Insights from Quantum Chemistry Databases: Applications for Nanoclusters. <i>Journal of Chemical Information and Modeling</i> , 2021, 61, 1125-1135.	5.4	3
2	<i>Ab Initio</i> Insights into the Formation Mechanisms of 55-Atom Pt-Based Core-Shell Nanoalloys. <i>Journal of Physical Chemistry C</i> , 2020, 124, 1158-1164.	3.1	22
3	Machine Learning Prediction of Nine Molecular Properties Based on the SMILES Representation of the QM9 Quantum-Chemistry Dataset. <i>Journal of Physical Chemistry A</i> , 2020, 124, 9854-9866.	2.5	50
4	Methane dehydrogenation on 3d 13-atom transition-metal clusters: A density functional theory investigation combined with Spearman rank correlation analysis. <i>Fuel</i> , 2020, 275, 117790.	6.4	14
5	Understanding the interplay between π - π and cation- π interactions in [Janusene- Ag] ⁺ host-guest systems: a computational approach. <i>Dalton Transactions</i> , 2019, 48, 13281-13292.	3.3	7
6	Ab initio insights into the structural, energetic, electronic, and stability properties of mixed $\text{CeZr}_{15}\text{O}_{30}$ nanoclusters. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 26637-26646.	2.8	3
7	From Bulk CeO_2 to Transition-Metal Clusters Supported on the $\text{CeO}_2(111)$ Surface: A Critical Discussion. , 2018, , 452-459.		0
8	<i>Ab initio</i> investigation of the formation of ZrO_2 -like structures upon the adsorption of Zr on the $\text{CeO}_2(111)$ surface. <i>Journal of Chemical Physics</i> , 2018, 149, 244702.	3.0	7