

Albert Aniagyei

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

87
citations

1478505

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h-index

1372567

10
g-index

12
all docs

12
docs citations

12
times ranked

50
citing authors

#	ARTICLE	IF	CITATIONS
1	A density functional theory study of the mechanisms of oxidation of ethylene by technetium oxo complexes. Computational and Theoretical Chemistry, 2013, 1009, 70-80.	2.5	18
2	A theoretical study of the mechanisms of oxidation of ethylene by manganese oxo complexes. Dalton Transactions, 2013, 42, 14411.	3.3	15
3	Boosting the photocatalytic H ₂ evolution activity of type-II g-GaN/Sc ₂ CO ₂ van der Waals heterostructure using applied biaxial strain and external electric field. RSC Advances, 2022, 12, 7391-7402.	3.6	15
4	A density functional theory study of the mechanisms of oxidation of ethylene by rhenium oxide complexes. Dalton Transactions, 2013, 42, 10885.	3.3	13
5	<i>Ab initio</i> investigation of O ₂ adsorption on Ca-doped LaMnO ₃ cathodes in solid oxide fuel cells. Physical Chemistry Chemical Physics, 2018, 20, 28685-28698.	2.8	9
6	Effect of van der Waals stacking in CdS monolayer on enhancing the hydrogen production efficiency of SiH monolayer. Materials Advances, 2022, 3, 4629-4640.	5.4	8
7	Permanganyl chloride-mediated oxidation of tetramethylethylene: A density functional theory study. Journal of Molecular Graphics and Modelling, 2020, 98, 107616.	2.4	3
8	Quantum Mechanistic Studies of the Oxidation of Ethylene by Rhenium Oxo Complexes. Journal of Chemistry, 2021, 2021, 1-11.	1.9	3
9	A DFT study on the reaction mechanisms of the oxidation of ethylene mediated by technetium and manganese oxo complexes. Journal of Molecular Modeling, 2022, 28, 94.	1.8	2
10	A computational study of the addition of ReO ₃ L (L = Cl ⁻ , CH ₃ , OCH ₃ and Cp) to ethenone. SpringerPlus, 2016, 5, 354.	1.2	1
11	Mechanisms of ethyne oxidation catalyzed by LMnO ₃ (L = O ⁻ , Cl, NPH ₃ , CH ₃ , and Cp): a density functional theory study. Journal of Molecular Modeling, 2020, 26, 305.	1.8	0
12	Oxygen (O ₂) reduction reaction on Ba-doped LaMnO ₃ cathodes in solid oxide fuel cells: a density functional theory study. Materials for Renewable and Sustainable Energy, 2021, 10, 1.	3.6	0