

Naidel A M S Caturello

List of Publications by Year in descending order

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papers

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1306789

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#	ARTICLE	IF	CITATIONS
1	Ab Initio Investigation of Atomistic Insights into the Nanoflake Formation of Transition-Metal Dichalcogenides: The Examples of MoS ₂ , MoSe ₂ , and MoTe ₂ . Journal of Physical Chemistry C, 2018, 122, 27059-27069.	1.5	24
2	Edge, size, and shape effects on WS ₂ , WSe ₂ , and WTe ₂ nanoflake stability: design principles from an <i>ab initio</i> investigation. Physical Chemistry Chemical Physics, 2019, 21, 23076-23084.	1.3	19
3	Unveiling the adsorption properties of 3d, 4d, and 5d metal adatoms on the MoS ₂ monolayer: A DFT-D3 investigation. Surface Science, 2020, 701, 121700.	0.8	19
4	Size-Induced Phase Evolution of MoSe ₂ Nanoflakes Revealed by Density Functional Theory. Journal of Physical Chemistry C, 2018, 122, 20483-20488.	1.5	17
5	Influence of Metal, Ligand and Solvent on Supramolecular Polymerizations with Transition-Metal Compounds: A Theoretical Study. Chemistry - A European Journal, 2016, 22, 17681-17689.	1.7	12
6	Tailoring Excitonic and Optoelectronic Properties of Transition Metal Dichalcogenide Bilayers. Journal of Physical Chemistry C, 2022, 126, 9173-9184.	1.5	10
7	Palladium-Mediated Catalysis Leads to Intramolecular Narcissistic Self-Sorting on a Cavitand Platform. Journal of Organic Chemistry, 2017, 82, 390-396.	1.7	7
8	Intramolecular Cooperative Effects in Multichromophoric Cavitands Exhibiting Nonlinear Optical Properties. Journal of Physical Chemistry C, 2015, 119, 12608-12615.	1.5	4
9	<i>Ab initio</i> insights into the stabilization and binding mechanisms of MoS ₂ nanoflakes supported on graphene. Physical Chemistry Chemical Physics, 2020, 22, 26865-26875.	1.3	2
10	First-principles insights into the role of edges in the binding mechanisms of Au ₄ clusters on MoSe ₂ nanoflakes. Physica E: Low-Dimensional Systems and Nanostructures, 2021, 126, 114472.	1.3	2
11	Pressure-Induced Stabilization of Sodium Halide Perovskites. Journal of Physical Chemistry C, 2022, 126, 4248-4254.	1.5	0