# Naidel A M S Caturello

List of Publications by Year
in descending order

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| | | | |
|---|---|---|---|
| 11<br>papers | 116<br>citations | 1307594<br>7<br>h-index | 1372567<br>10<br>g-index |
| 11<br>all docs | 11<br>docs citations | 11<br>times ranked | 149<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Ab Initio Investigation of Atomistic Insights into the Nanoflake Formation of Transition-Metal Dichalcogenides: The Examples of MoS<sub>2</sub>, MoSe<sub>2</sub>, and MoTe<sub>2</sub>. Journal of Physical Chemistry C, 2018, 122, 27059-27069. | 3.1 | 24 |
| 2 | Edge, size, and shape effects on WS<sub>2</sub>, WSe<sub>2</sub>, and WTe<sub>2</sub> nanoflake stability: design principles from an ab initio investigation. Physical Chemistry Chemical Physics, 2019, 21, 23076-23084. | 2.8 | 19 |
| 3 | Unveiling the adsorption properties of 3d, 4d, and 5d metal adatoms on the MoS2 monolayer: A DFT-D3 investigation. Surface Science, 2020, 701, 121700. | 1.9 | 19 |
| 4 | Size-Induced Phase Evolution of MoSe<sub>2</sub> Nanoflakes Revealed by Density Functional Theory. Journal of Physical Chemistry C, 2018, 122, 20483-20488. | 3.1 | 17 |
| 5 | Influence of Metal, Ligand and Solvent on Supramolecular Polymerizations with Transitionâ€Metal Compounds: A Theoretical Study. Chemistry - A European Journal, 2016, 22, 17681-17689. | 3.3 | 12 |
| 6 | Tailoring Excitonic and Optoelectronic Properties of Transition Metal Dichalcogenide Bilayers. Journal of Physical Chemistry C, 2022, 126, 9173-9184. | 3.1 | 10 |
| 7 | Palladium-Mediated Catalysis Leads to Intramolecular Narcissistic Self-Sorting on a Cavitand Platform. Journal of Organic Chemistry, 2017, 82, 390-396. | 3.2 | 7 |
| 8 | Intramolecular Cooperative Effects in Multichromophoric Cavitands Exhibiting Nonlinear Optical Properties. Journal of Physical Chemistry C, 2015, 119, 12608-12615. | 3.1 | 4 |
| 9 | Ab initio insights into the stabilization and binding mechanisms of MoS<sub>2</sub> nanoflakes supported on graphene. Physical Chemistry Chemical Physics, 2020, 22, 26865-26875. | 2.8 | 2 |
| 10 | First-principles insights into the role of edges in the binding mechanisms of Au4 clusters on MoSe2 nanoflakes. Physica E: Low-Dimensional Systems and Nanostructures, 2021, 126, 114472. | 2.7 | 2 |
| 11 | Pressure-Induced Stabilization of Sodium Halide Perovskites. Journal of Physical Chemistry C, 2022, 126, 4248-4254. | 3.1 | 0 |