

Katherine Paredes-Gil

List of Publications by Year in descending order

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Version: 2024-02-01

6
papers

55
citations

1937685

4
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

43
citing authors

#	ARTICLE	IF	CITATIONS
1	Theoretical investigation of electronic and optical properties of the 2D-MoSe ₂ /GaN heterostructure nanosheet. <i>Physica E: Low-Dimensional Systems and Nanostructures</i> , 2022, 135, 114994.	2.7	18
2	A mechanistic DFT study of Z-selective ring-opening metathesis polymerization by MAP catalysts. <i>Molecular Catalysis</i> , 2022, 527, 112418.	2.0	1
3	The Effect of Auxiliary Nitrogenated Linkers on the Design of New Cadmium-Based Coordination Polymers as Sensors for the Detection of Explosive Materials. <i>Chemistry - A European Journal</i> , 2021, 27, 5298-5306.	3.3	8
4	Comparison of the electronic, optical and photocatalytic properties of MoSe ₂ , InN, and MoSe ₂ /InN heterostructure nanosheet-A first-principle study. <i>Materials Science in Semiconductor Processing</i> , 2021, 131, 105861.	4.0	18
5	Insights into the role of D-π-A type pro-aromatic organic dyes with thieno[3,4-b]pyrazine as A acceptor group into dye-sensitized solar cells. A TD-DFT/periodic DFT study. <i>International Journal of Quantum Chemistry</i> , 2020, 120, e26108.	2.0	6
6	Further understanding of the Ru-centered [2+2] cycloreversion/cycloaddition involved into the interconversion of ruthenacyclobutane using the Grubbs catalysts from a reaction force analysis. <i>Journal of Molecular Modeling</i> , 2019, 25, 305.	1.8	4