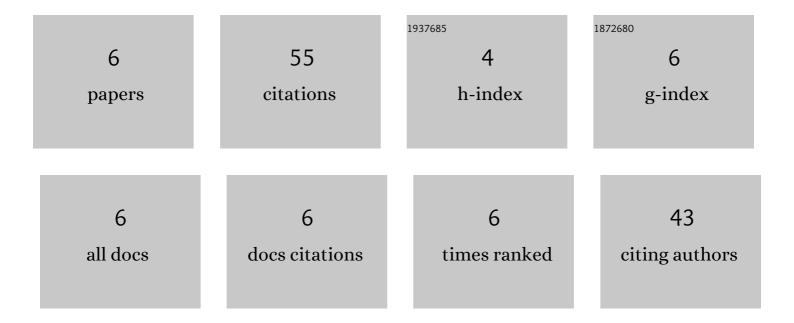
Katherine Paredes-Gil

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Comparison of the electronic, optical and photocatalytic properties of MoSe2, InN, and MoSe2/InN heterostructure nanosheet-A first-principle study. Materials Science in Semiconductor Processing, 2021, 131, 105861.	4.0	18
2	Theoretical investigation of electronic and optical properties of the 2D-MoSe2/GaN heterostructure nanosheet. Physica E: Low-Dimensional Systems and Nanostructures, 2022, 135, 114994.	2.7	18
3	The Effect of Auxiliary Nitrogenated Linkers on the Design of New Cadmiumâ€Based Coordination Polymers as Sensors for the Detection of Explosive Materials. Chemistry - A European Journal, 2021, 27, 5298-5306.	3.3	8
4	Insights into the role of Dâ€Aâ€ï€â€A type proâ€aromatic organic dyes with thieno[3,4â€b]pyrazine as A acceptor group into dyeâ€sensitized solarâ€cells. A TDâ€DFT/periodic DFT study. International Journal of Quantum Chemistry, 2020, 120, e26108.	2.0	6
5	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. Journal of Molecular Modeling, 2019, 25, 305.	1.8	4
6	A mechanistic DFT study of Z-selective ring-opening metathesis polymerization by MAP catalysts. Molecular Catalysis, 2022, 527, 112418.	2.0	1