

Ana Cristina Mora Tello

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Î± Ag ₂ WO ₄ under microwave, electron beam and femtosecond laser irradiations: Unveiling the relationship between morphology and photoluminescence emissions. Journal of Alloys and Compounds, 2022, 903, 163840.	5.5	3
2	Structure, Photoluminescence Emissions, and Photocatalytic Activity of Ag ₂ SeO ₃ : A Joint Experimental and Theoretical Investigation. Inorganic Chemistry, 2021, 60, 5937-5954.	4.0	10
3	Generation, contraction, and polarisation of Gaussian basis sets for atomic and molecular calculations using the generator coordinate method with polynomial discretisation: atoms from Na through Cl. Physical Chemistry Chemical Physics, 2021, 23, 16989-16997.	2.8	0
4	Multi-dimensional architecture of Ag/Î±-Ag ₂ WO ₄ crystals: insights into microstructural, morphological, and photoluminescence properties. CrystEngComm, 2020, 22, 7903-7917.	2.6	9
5	On polarization functions for Gaussian basis sets. Journal of Molecular Modeling, 2020, 26, 293.	1.8	3
6	Microwave-Driven Hexagonal-to-Monoclinic Transition in BiPO ₄ : An In-Depth Experimental Investigation and First-Principles Study. Inorganic Chemistry, 2020, 59, 7453-7468.	4.0	24
7	Zinc-substituted Ag ₂ CrO ₄ : A material with enhanced photocatalytic and biological activity. Journal of Alloys and Compounds, 2020, 835, 155315.	5.5	16
8	Accurate atomic electron affinities calculated by using anionic Gaussian basis sets. Theoretical Chemistry Accounts, 2020, 139, 1.	1.4	0
9	On the Use of an Interpolation Approach for the Choice of Gaussian Polarization Functions. Journal of the Brazilian Chemical Society, 2018, , .	0.6	0
10	The 1,2-hydrogen shift reaction for monohalogenophosphanes PH ₂ X and HPX (X= F, Cl). Molecular Physics, 2016, 114, 2999-3014.	1.7	3
11	Design approach of a molecular nanotransmitter using quantum dynamics: A case study on ethane. , 2010, , .		0