

Juan Pablo Martinez

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	(4 + 2) and (2 + 2) Cycloadditions of Benzyne to C ₆₀ and Zig-Zag Single-Walled Carbon Nanotubes: The Effect of the Curvature. <i>Journal of Physical Chemistry C</i> , 2016, 120, 1716-1726.	3.1	34
2	Reaction Mechanism and Regioselectivity of the Bingel-Hirsch Addition of Dimethyl Bromomalonate to La@C _{2v} -C ₈₂ . <i>Chemistry - A European Journal</i> , 2016, 22, 5953-5962.	3.3	23
3	In Silico Olefin Metathesis with Ru-Based Catalysts Containing N-Heterocyclic Carbenes Bearing C ₆₀ Fullerenes. <i>Chemistry - A European Journal</i> , 2016, 22, 6617-6623.	3.3	15
4	Effects of Dispersion Forces on Structure and Photoinduced Charge Separation in Organic Photovoltaics. <i>Journal of Physical Chemistry C</i> , 2017, 121, 20134-20140.	3.1	14
5	Extent of charge separation and exciton delocalization for electronically excited states in a triphenylamine-C ₆₀ donor-acceptor conjugate: a combined molecular dynamics and TD-DFT study. <i>Theoretical Chemistry Accounts</i> , 2015, 134, 1.	1.4	13
6	On the Reaction Mechanism of the Rhodium-Catalyzed Arylation of Fullerene (C ₆₀) with Organoboron Compounds in the Presence of Water. <i>ChemistryOpen</i> , 2015, 4, 774-778.	1.9	12
7	Regioselectivity of the Pauson-Khand reaction in single-walled carbon nanotubes. <i>Nanoscale</i> , 2018, 10, 15078-15089.	5.6	11
8	Theoretical estimation of the rate of photoinduced charge transfer reactions in triphenylamine C ₆₀ donor-acceptor conjugate. <i>Journal of Computational Chemistry</i> , 2016, 37, 1396-1405.	3.3	10
9	Structural and Electronic Properties of Boranes Containing Boron-Chalcogen Multiple Bonds and Stabilized by Amido Imidazoline-imine Ligands. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	8
10	Efficient synthesis of amine-functionalized graphene oxide by ultrasound-assisted reactions and density functional theory mechanistic insight. <i>Applied Nanoscience (Switzerland)</i> , 2021, 11, 1637-1649.	3.1	7
11	The Driving Force of Photoinduced Charge Separation in Metal-Cluster-Encapsulated Triphenylamine- ₈₀ fullerenes. <i>Chemistry - A European Journal</i> , 2016, 22, 17305-17310.	3.3	5
12	Olefin Metathesis Catalyzed by a Hoveyda-Grubbs-like Complex Chelated to Bis(2-mercaptoimidazolyl) Methane: A Predictive DFT Study. <i>Journal of Physical Chemistry A</i> , 2022, 126, 720-732.	2.5	5
13	Open-Circuit Voltage of Organic Photovoltaics: A Time-Dependent and Unrestricted DFT Study in a P3HT/PCBM Complex. <i>Journal of Physical Chemistry A</i> , 2020, 124, 1300-1305.	2.5	4
14	Predictive Catalysis in Olefin Metathesis with Ru-Based Catalysts with Annulated C ₆₀ Fullerenes in the N-Heterocyclic Carbenes. <i>Chemistry - A European Journal</i> , 2021, 27, 18074-18083.	3.3	3
15	Acylation of dimethyl maleate photocatalyzed by decatungstate anion: insights into the hydrogen atom transfer reaction mechanism. <i>Research on Chemical Intermediates</i> , 2018, 44, 2061-2073.	2.7	2