

Roberto Linguerri

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

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citations

1163117

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24
all docs

24
docs citations

24
times ranked

178
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of the MgO ²⁺ dication in the gas phase: electronic states, spectroscopy and atmospheric implications. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 824-831.	2.8	32
2	Theoretical spectroscopic investigations of HNS _q and HSN _q (q = 0, +1, $\hat{\sim}$ 1) in the gas phase. <i>Journal of Chemical Physics</i> , 2014, 140, 244309.	3.0	23
3	Solvation effects and stabilization of multicharged ions: a case study of Ar ⁿ BeO _q ⁺ complexes. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 4236.	2.8	20
4	On the role of the simplest S-nitrosothiol, HSNO, in atmospheric and biological processes. <i>Journal of Chemical Physics</i> , 2013, 139, 234304.	3.0	20
5	<i>Ab initio</i> structural and spectroscopic study of HPS _x and HSP _x (x = 0,+1, $\hat{\sim}$ 1) in the gas phase. <i>Journal of Chemical Physics</i> , 2013, 139, 174313.	3.0	19
6	Accurate theoretical spectroscopy of the lowest electronic states of CP radical. <i>Molecular Physics</i> , 2014, 112, 2633-2645.	1.7	11
7	Full-Dimensional Theory of Pair-Correlated HNCO Photofragmentation. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 2420-2424.	4.6	11
8	QSAR investigations and structure-based virtual screening on a series of nitrobenzoxadiazole derivatives targeting human glutathione-S-transferases. <i>Journal of Molecular Structure</i> , 2020, 1211, 128015.	3.6	11
9	On the Electronic States of S ₄ ⁺ and S ₄ ⁻ Isomers. <i>Collection of Czechoslovak Chemical Communications</i> , 2007, 72, 83-99.	1.0	8
10	Benchmark study of the structural and spectroscopic parameters of the hydroxymethyl peroxy (HOCH ₂ OO) radical and its decomposition reaction to HO ₂ and H ₂ CO. <i>Journal of Chemical Physics</i> , 2017, 146, 144303.	3.0	5
11	Electronic and vibrational spectroscopy of the low-lying states of potassium mono-sulphide KS, and comparison in the series of MS (M = Li, Na, K, Rb, Cs). <i>Molecular Physics</i> , 2019, 117, 1653-1662.	1.7	5
12	First principle investigations of organobismuth palladium-catalyzed C-C coupling reaction: mechanism, chemoselectivity and solvent effects. <i>Theoretical Chemistry Accounts</i> , 2016, 135, 1.	1.4	4
13	Exploration of large amplitude motions in the Ca ⁺ Ar ₂ complex. <i>Molecular Physics</i> , 2019, 117, 1673-1681.	1.7	4
14	Electronic and Vibrational Spectroscopy of CsS. <i>Journal of Physical Chemistry A</i> , 2018, 122, 5354-5360.	2.5	3
15	Characterization of the simplest sulfenyl thiocyanate: isomers, spectroscopy and implications of astrophysical and biological relevance. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 17052-17061.	2.8	3
16	Insights into the bonding between tributylphosphine chalcogenides and zinc(II). <i>Theoretical Chemistry Accounts</i> , 2018, 137, 1.	1.4	2
17	Disentangling the complex spectrum of the ethynyl cation. <i>Faraday Discussions</i> , 2018, 212, 51-64.	3.2	2
18	Theoretical Characterization of the Structure and Spectroscopy of HCNO ₂ Isomers and Applications. <i>Journal of Physical Chemistry A</i> , 2020, 124, 11061-11071.	2.5	2

#	ARTICLE	IF	CITATIONS
19	S ₂ O ₂ ^{iq} (q = 0, 1, and 2) Molecular Systems: Characterization and Atmospheric Planetary Implications. Journal of Physical Chemistry A, 2021, 125, 1958-1971.	2.5	2
20	Mechanistic study of bismuth-catalyzed direct benzylation of 2,4-pentanediones: the case of BiCl ₃ and generalization. Theoretical Chemistry Accounts, 2016, 135, 1.	1.4	1
21	Precise characterisation of isolated molecules: general discussion. Faraday Discussions, 2018, 212, 137-155.	3.2	1
22	Gold with +4 oxidation state compounds: mass spectrometric and theoretical characterization of AuO ₂ ⁺ . Physical Chemistry Chemical Physics, 2019, 21, 16120-16126.	2.8	1
23	Three-phenyl transfer in palladium-catalyzed C C coupling reactions by triarylbismuths: A mechanistic study. Molecular Catalysis, 2020, 482, 110649.	2.0	0
24	Electronic states of monocation cesium monoxide and its ions. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 250, 107000.	2.3	0