

# Roberto Linguerri

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

190  
citations

1163117

8  
h-index

1125743

13  
g-index

24  
all docs

24  
docs citations

24  
times ranked

178  
citing authors

#	ARTICLE	IF	CITATIONS
1	S <sub>2</sub> O <sub>2</sub> <sup>+q</sup> ( <i>q</i> = 0, 1, and 2) Molecular Systems: Characterization and Atmospheric Planetary Implications. <i>Journal of Physical Chemistry A</i> , 2021, 125, 1958-1971.	2.5	2
2	Three-phenyl transfer in palladium-catalyzed C C coupling reactions by triarylbismuths: A mechanistic study. <i>Molecular Catalysis</i> , 2020, 482, 110649.	2.0	0
3	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
4	Theoretical Characterization of the Structure and Spectroscopy of HCNO <sub>2</sub> Isomers and Applications. <i>Journal of Physical Chemistry A</i> , 2020, 124, 11061-11071.	2.5	2
5	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
6	Electronic states of monocesium monoxide and its ions. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2020, 250, 107000.	2.3	0
7	Gold with +4 oxidation state compounds: mass spectrometric and theoretical characterization of AuO <sub>2</sub> <sup>+</sup> . <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 16120-16126.	2.8	1
8	Exploration of large amplitude motions in the Ca <sup>+</sup> Ar <sub>2</sub> complex. <i>Molecular Physics</i> , 2019, 117, 1673-1681.	1.7	4
9	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
10	Insights into the bonding between tributylphosphine chalcogenides and zinc(II). <i>Theoretical Chemistry Accounts</i> , 2018, 137, 1.	1.4	2
11	Precise characterisation of isolated molecules: general discussion. <i>Faraday Discussions</i> , 2018, 212, 137-155.	3.2	1
12	Electronic and Vibrational Spectroscopy of CsS. <i>Journal of Physical Chemistry A</i> , 2018, 122, 5354-5360.	2.5	3
13	Disentangling the complex spectrum of the ethynyl cation. <i>Faraday Discussions</i> , 2018, 212, 51-64.	3.2	2
14	Benchmark study of the structural and spectroscopic parameters of the hydroxymethyl peroxy (HOCH <sub>2</sub> OO) radical and its decomposition reaction to HO <sub>2</sub> and H <sub>2</sub> CO. <i>Journal of Chemical Physics</i> , 2017, 146, 144303.	3.0	5
15	Full-Dimensional Theory of Pair-Correlated HNCO Photofragmentation. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 2420-2424.	4.6	11
16	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
17	Mechanistic study of bismuth-catalyzed direct benzylation of 2,4-pentanediones: the case of BiCl <sub>3</sub> and generalization. <i>Theoretical Chemistry Accounts</i> , 2016, 135, 1.	1.4	1
18	Theoretical spectroscopic investigations of HNS <sub>q</sub> and HSN <sub>q</sub> ( <i>q</i> = 0, +1, $\hat{\sim}$ 1) in the gas phase. <i>Journal of Chemical Physics</i> , 2014, 140, 244309.	3.0	23

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19	Accurate theoretical spectroscopy of the lowest electronic states of CP radical. <i>Molecular Physics</i> , 2014, 112, 2633-2645.	1.7	11
20	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
21	Characterization of the MgO <sup>2+</sup> dication in the gas phase: electronic states, spectroscopy and atmospheric implications. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 824-831.	2.8	32
22	<i>Ab initio</i> structural and spectroscopic study of HPS <sub>x</sub> and HSP <sub>x</sub> (x = 0,+1,âˆ’1) in the gas phase. <i>Journal of Chemical Physics</i> , 2013, 139, 174313.	3.0	19
23	Solvation effects and stabilization of multicharged ions: a case study of Ar <sub>m</sub> BeO <sub>q</sub> <sup>+</sup> complexes. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 4236.	2.8	20
24	On the Electronic States of S <sub>4</sub> <sup>+</sup> and S <sub>4</sub> <sup>-</sup> Isomers. <i>Collection of Czechoslovak Chemical Communications</i> , 2007, 72, 83-99.	1.0	8