

Paola Antoniotti

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8448372/publications.pdf>

Version: 2024-02-01

29
papers

254
citations

933447

10
h-index

1058476

14
g-index

36
all docs

36
docs citations

36
times ranked

166
citing authors

#	ARTICLE	IF	CITATIONS
1	Crystal structure or chemical composition of salt-sugar-based metal-organic frameworks: what are the nonlinear optical properties due to?. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2021, 77, 506-514.	1.1	2
2	Synthesis and Characterization of New Lithium and Boron Based Metal Organic Frameworks with NLO Properties for Application in Neutron Capture Therapy. Processes, 2020, 8, 558.	2.8	4
3	Experimental and Theoretical Study on the Gas-Phase Reactions of Germyl Radicals with NF ₃ : Homolytic Substitution at the Nitrogen Atom vs Fluorine Abstraction. ACS Omega, 2020, 5, 4907-4914.	3.5	2
4	Developing new Sr ²⁺ and ¹² C-fructopyranose-based metal-organic frameworks with nonlinear optical properties. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2019, 75, 210-218.	1.1	4
5	Synthesis, structure and non-linear optical properties of new isostructural ¹² C-fructopyranose alkaline halide metal-organic frameworks: a theoretical and an experimental study. Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials, 2017, 73, 737-743.	1.1	6
6	Bimolecular Homolytic Substitutions at Nitrogen: An Experimental and Theoretical Study on the Gas-Phase Reactions of Alkyl Radicals with NF ₃ . Chemistry - A European Journal, 2015, 21, 15826-15834.	3.3	5
7	Non-linear optical properties of ¹² C-fructopyranose calcium chloride MOFs: an experimental and theoretical approach. Journal of Materials Science, 2015, 50, 4330-4341.	3.7	16
8	Ion chemistry of sulfuryl fluoride: An experimental and theoretical study on gas-phase reactions involving neutral and ionized SO ₂ F ₂ . International Journal of Mass Spectrometry, 2013, 354-355, 46-53.	1.5	0
9	Gas-phase reactions of SiH _n ⁺ (n = 1,2) with NF ₃ : A computational investigation on the detailed mechanistic aspects. Journal of Computational Chemistry, 2012, 33, 1918-1926.	3.3	3
10	Gas-phase reactions of XH ₃ ⁺ (X = C, Si, Ge) with NF ₃ : a comparative investigation on the detailed mechanistic aspects. Journal of Mass Spectrometry, 2009, 44, 1348-1358.	1.6	8
11	Positive Ion Chemistry of SiH ₄ /NF ₃ Gaseous Mixtures Studied by Ion Trap Mass Spectrometry. European Journal of Mass Spectrometry, 2009, 15, 209-220.	1.0	7
12	Ion chemistry in germane/fluorocompounds gaseous mixtures: a mass spectrometric and theoretical study. Journal of Mass Spectrometry, 2008, 43, 1320-1333.	1.6	11
13	Gas-phase ion chemistry of NF ₃ /SO ₂ mixtures: A mass spectrometric and theoretical investigation. International Journal of Mass Spectrometry, 2007, 266, 86-91.	1.5	2
14	Ge ₃ H _n -Anions (n = 0-5) and Their Neutral Analogues: A Theoretical Investigation on the Structure, Stability, and Thermochemistry. Journal of Physical Chemistry A, 2006, 110, 9429-9437.	2.5	3
15	Cationic Germanium Fluorides: A Theoretical Investigation on the Structure, Stability, and Thermochemistry of Ge _n ⁺ /Ge _n ⁺ (n = 1-3). Journal of Physical Chemistry A, 2006, 110, 4900-4905.	2.5	15
16	Cationic germanium fluorides. International Journal of Mass Spectrometry, 2006, 257, 50-59.	1.5	8
17	Fluoromethyl Cations and Group XIV Congeners AH _n F ₃ ⁿ⁺ (A = Si, Ge, Sn, Pb; n = 0-2): From Covalent Structures to Ion-Molecule Complexes. European Journal of Inorganic Chemistry, 2006, 2006, 3010-3015.	2.0	5
18	Nitrogen Trifluoride as a Bifunctional Lewis Base: Implications for the Adsorption of NF ₃ on Solid Surfaces. European Journal of Inorganic Chemistry, 2004, 2004, 1125-1130.	2.0	11

#	ARTICLE	IF	CITATIONS
19	A Computational Investigation of HCN ₂ ⁺ Isomeric Structures: Implications for the Chemistry of Titan's Atmosphere. <i>ChemPhysChem</i> , 2004, 5, 1345-1351.	2.1	3
20	FSO ⁺ and FSO ₂ ⁺ ions from ionised sulfur oxyfluorides: a computational investigation on the structure, stability, and thermochemistry. <i>Chemical Physics Letters</i> , 2003, 372, 455-463.	2.6	7
21	A theoretical study of structure and stability of various Ge ₂ H _m ⁺ (m=0-5) ions. <i>Computational and Theoretical Chemistry</i> , 2003, 663, 1-7.	1.5	6
22	Negative ion clusters in self-condensation of GeH ₄ . <i>Rapid Communications in Mass Spectrometry</i> , 2002, 16, 185-191.	1.5	12
23	A computational investigation on the mechanism of the reaction between O(1D) and NF ₃ . <i>Chemical Physics Letters</i> , 2002, 366, 676-682.	2.6	9
24	Experimental and Theoretical Study of the Formation of Germanium-Carbon Ion Species in Gaseous Germane/Ethene Mixtures. <i>Organometallics</i> , 2001, 20, 382-391.	2.3	16
25	Gas-phase ion chemistry of silane with ethane and ethyne. <i>Journal of Organometallic Chemistry</i> , 1999, 589, 150-156.	1.8	17
26	An Experimental and Theoretical Study of Gaseous Products in the Radiolysis of Germane/Ethylene Mixtures. <i>European Journal of Inorganic Chemistry</i> , 1999, 1999, 323-332.	2.0	11
27	Experimental and Theoretical Study of the Formation of Silicon-Carbon Ion Species in Gaseous Silane/Ethene Mixtures. <i>Journal of Physical Chemistry A</i> , 1999, 103, 10945-10954.	2.5	25
28	Radiolysis of binary systems containing germanium and carbon hydrides. <i>Radiation Physics and Chemistry</i> , 1996, 48, 457-462.	2.8	10
29	Gas Phase Ion-Molecule Reactions in Phosphine/Silane Mixtures. <i>The Journal of Physical Chemistry</i> , 1996, 100, 155-162.	2.9	26