

Carlos Omar Della VÃ©dova

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis, X-ray Structures, and spectroscopic characterization of cis and trans-bis(O-propyldithiocarbonato)bis(pyridine)nickel(II), cis and trans-[Ni(CH ₃ CH ₂ CH ₂ OC(S)S) ₂ (C ₅ H ₅ N) ₂]. Chemical Physics Letters, 2022, 794, 139487.	2.6	0
2	Synthesis, characterization and gas phase conformational properties of chlorodifluoroacetylsulfenyl chloride, CF ₂ ClC(O)SCl. Journal of Molecular Structure, 2022, 1267, 133596.	3.6	0
3	Preparation of FC(S)SF, FC(S)SeF and FC(Se)SeF through matrix photochemical reactions of F ₂ with CS ₂ , SCS _e , and CSe ₂ . Physical Chemistry Chemical Physics, 2021, 23, 20892-20900.	2.8	1
4	Structure, conformational properties and matrix photochemistry of <i>tert</i> -butyltrifluorothioacetate CF ₃ C(O)SC(CH ₃) ₃ . New Journal of Chemistry, 2020, 44, 14568-14577.	2.8	3
5	Formation of HCO ⁺ and HCS ⁺ Ions in the Photodissociation of CH ₃ OC(S)SCH ₃ under VUV Synchrotron Radiation. Journal of Physical Chemistry A, 2019, 123, 6674-6682.	2.5	3
6	Color Source for the First Argentinian Flags. ACS Omega, 2019, 4, 11424-11432.	3.5	2
7	Spectroscopic and thermal properties of stannadithiane compounds bearing endocyclic ether and lactone groups. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 210, 222-229.	3.9	1
8	Disulfuryl Dichloride ClSO ₂ OSO ₂ Cl: A Conformation and Polymorphism Chameleon. Chemistry - A European Journal, 2018, 24, 10409-10421.	3.3	4
9	Preparation and Properties of Chlorosulfonyl Chloroformate, ClC(O)OSO ₂ Cl. Inorganic Chemistry, 2018, 57, 14834-14842.	4.0	1
10	Valence and Inner Electronic Excitation, Ionization, and Fragmentation of Perfluoropropionic Acid. Journal of Physical Chemistry A, 2018, 122, 9842-9850.	2.5	2
11	Gas and crystal structures of CCl ₂ FSCN. Journal of Molecular Structure, 2017, 1132, 175-180.	3.6	11
12	Electronic Properties and Ionic Photodissociation of Thionitrite Compounds RSNO [R=(CH ₃) ₃ C- and (CH ₃) ₂ CH-]. ChemistrySelect, 2017, 2, 2021-2027.	1.5	0
13	The Colour of the Argentinean Flag. ChemistrySelect, 2017, 2, 2235-2240.	1.5	4
14	Electronic structure determination using an assembly of conventional and synchrotron techniques: The case of a xanthate complex. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2017, 180, 183-192.	3.9	6
15	Photochemical Reaction of OCSe with ClF in Argon Matrix: A Light-Driven Formation of XC(O)SeY (X, Y) Tj ETQq1 1,0,784314 ₁ rgBT/O	2.5	1
16	Electronic Properties and Dissociative Photoionization of Thiocyanates, Part III. The Effect of the Group's Electronegativity in the Valence and Shallow-Core (Sulfur and Chlorine 2p) Regions of CCl ₃ SCN and CCl ₂ FSCN. Journal of Physical Chemistry A, 2017, 121, 9201-9210.	2.5	3
17	Vibrational spectra, conformational properties and argon matrix photochemistry of diacetyl diselenide, CH ₃ C(O)Se ₂ CH ₃ . Journal of Physical Organic Chemistry, 2016, 29, 636-644.	1.9	2
18	Structural Analysis of Perfluoropropanoyl Fluoride in the Gas, Liquid, and Solid Phases. Journal of Physical Chemistry A, 2016, 120, 2420-2430.	2.5	4

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19	Preparation and Spectroscopic Studies of FC(O)SSCl. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 5568-5574.	2.0	1
20	Structures of Trichloromethyl Thiocyanate, CCl ₃ SCN, in Gaseous and Crystalline State. <i>ChemPhysChem</i> , 2016, 17, 1463-1467.	2.1	11
21	Electronic properties and photofragmentation mechanisms of pyrosulfuryl chloride, ClSO ₂ OSO ₂ Cl. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 324, 184-191.	3.9	0
22	The Structure and Conformation of (CH ₃) ₃ CSNO. <i>Chemistry - A European Journal</i> , 2015, 21, 10436-10442.	3.3	11
23	Conformational and spectroscopic study of xanthogen ethyl formates, ROC(S)SC(O)OCH ₂ CH ₃ . Isolation of CH ₃ CH ₂ OC(O)SH. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 139, 346-355.	3.9	15
24	Photoexcitation, Photoionization, and Photofragmentation of CF ₃ CF ₂ CF ₂ C(O)Cl Using Synchrotron Radiation between 13 and 720 eV. <i>Journal of Physical Chemistry A</i> , 2015, 119, 1894-1905.	2.5	2
25	Photofragmentation Mechanisms of Chlorosulfonyl Isocyanate, ClSO ₂ NCO, Excited with Synchrotron Radiation between 12 and 550 eV. <i>Journal of Physical Chemistry A</i> , 2015, 119, 8021-8030.	2.5	9
26	Photoelectron Spectroscopy and Ionic Fragmentation of OSeCl ₂ and Its Analogue OSCl ₂ under VUV Irradiation. <i>Journal of Physical Chemistry A</i> , 2015, 119, 8000-8009.	2.5	0
27	The structure of chloromethyl thiocyanate, CH ₂ ClSCN, in gas and crystalline phases. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 15805-15812.	2.8	7
28	Ionic Fragmentation Mechanisms of 2,2,2-Trifluoroethanol Following Excitation with Synchrotron Radiation. <i>ChemPhysChem</i> , 2015, 16, 322-330.	2.1	8
29	Conformational Properties of Ethyl- and 2,2,2-Trifluoroethyl Thionitrites, (CX ₃ CH ₂ SNO, X = H and F). <i>Journal of Physical Chemistry A</i> , 2015, 119, 1524-1533.	2.5	7
30	Matrix Photochemical Study and Conformational Analysis of CH ₃ C(O)NCS and CF ₃ C(O)NCS. <i>Journal of Physical Chemistry A</i> , 2014, 118, 697-707.	2.5	3
31	Matrix Isolation Study of the Conformations and Photochemistry of S-Ethyl Fluorothioformate, FC(O)SCH ₂ CH ₃ . <i>Journal of Physical Chemistry A</i> , 2014, 118, 11193-11203.	2.5	6
32	Dimers of Perhaloacetyl Cyanides: CClF ₂ C(O)OC(CN) ₂ CClF ₂ and CF ₃ C(O)OC(CN) ₂ CF ₃ . Preparation, Properties, and Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2014, 118, 1721-1729.	2.5	0
33	Structural, spectroscopic and theoretical studies on dixanthogens: (ROC(S)S) ₂ , with R = n-propyl and isopropyl. <i>New Journal of Chemistry</i> , 2014, 38, 3708-3716.	2.8	14
34	Electronic Properties of FC(O)SCH ₂ CH ₃ . A Combined Helium(I) Photoelectron Spectroscopy and Synchrotron Radiation Study. <i>Journal of Physical Chemistry A</i> , 2014, 118, 5950-5960.	2.5	2
35	Formation of the Matrix-Isolated Difluoromethylselanes XCF ₂ SeH (X = H, Cl) Through Photolysis of Selenoacetic Acids, XCF ₂ C(O)SeH. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 4585-4594.	2.0	2
36	Electronic Properties of Fluorosulfonyl Isocyanate, FSO ₂ NCO: A Photoelectron Spectroscopy and Synchrotron Photoionization Study. <i>Journal of Physical Chemistry A</i> , 2013, 117, 9179-9188.	2.5	6

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37	Crystal structure and spectroscopic properties of N- α -methoxycarbonylsulfenyl-substituted ureas, CH ₃ OC(O)SN(H)C(O)NRR ² [R=H, R ² =C(CH ₃) ₃ and R=R ² =CH ₂ CH ₃]. Journal of Molecular Structure, 2013, 1037, 116-121.	3.7	0
38	Conformational Transferability of the Sulfenyl Carbonyl Group "SC(O)" in Cyclic Thioesters. Journal of Physical Chemistry A, 2013, 117, 5706-5714.	2.5	8
39	Spectroscopic Characterization and Constitutional and Rotational Isomerism of ClC(O)SCN and ClC(O)NCS. Journal of Physical Chemistry A, 2013, 117, 2383-2399.	2.5	6
40	Chlorodifluoroacetyl Isothiocyanate, ClF ₂ CC(O)NCS: Preparation and Structural and Spectroscopic Studies. Journal of Physical Chemistry A, 2013, 117, 5597-5606.	2.5	8
41	Matrix Isolation of the Elusive Fluorocarbonylsulfenyl Fluoride Molecule FC(O)SF. Journal of Physical Chemistry A, 2013, 117, 855-862.	2.5	8
42	DFT calculations on the hydrogen bonding interactions between adrenaline and trimethoxysilylpropylamine. Main Group Chemistry, 2012, 11, 275-284.	0.8	13
43	The ionic nature of methylsulfur trichloride species. Inorganic Chemistry Communication, 2012, 26, 66-68.	3.9	1
44	Chlorodifluoroacetyl Isocyanate, ClF ₂ CC(O)NCO: Preparation and Structural and Spectroscopic Studies. Journal of Physical Chemistry A, 2012, 116, 11586-11595.	2.5	13
45	Dissociative Photoionization of Methyl Thiocloroformate, ClC(O)SCH ₃ , Following Sulfur 2p, Chlorine 2p, Carbon 1s, and Oxygen 1s Excitations. Journal of Physical Chemistry A, 2012, 116, 7498-7507.	2.5	5
46	Electronic Properties and Dissociative Photoionization of Thiocyanates. Part II. Valence and Shallow-Core (Sulfur and Chlorine 2p) Regions of Chloromethyl Thiocyanate, CH ₂ ClSCN. Journal of Physical Chemistry A, 2012, 116, 231-241.	2.5	7
47	Interstellar H ₃ ⁺ and HCS ⁺ Ions Produced in the Dissociative Photoionization Process of CH ₃ C(O)SCH ₃ in the Proximity of the Sulfur 2p, Carbon 1s, and Oxygen 1s Edges. Journal of Physical Chemistry A, 2012, 116, 2571-2582.	2.5	9
48	Synthesis, conformational and NQR analysis of phosphoric triamides containing the P(O)[N] ₃ skeleton. Journal of Molecular Structure, 2012, 1023, 18-24.	3.6	18
49	Preparation and Properties of Two Novel Selenoacetic Acids: HCF ₂ C(O)SeH and ClCF ₂ C(O)SeH. Inorganic Chemistry, 2012, 51, 2608-2615.	4.0	7
50	Chlorodifluoroacetyl Azide, ClF ₂ CC(O)N ₃ : Preparation, Properties, and Decomposition. Journal of Organic Chemistry, 2012, 77, 6456-6462.	3.2	18
51	Vibrational and Valence Photoelectron Spectroscopies, Matrix Photochemistry, and Conformational Studies of ClC(O)SSCl. Journal of Physical Chemistry A, 2011, 115, 10203-10210.	2.5	3
52	Outermost and Inner-Shell Electronic Properties of ClC(O)SCH ₂ CH ₃ Studied Using HeI Photoelectron Spectroscopy and Synchrotron Radiation. Journal of Physical Chemistry A, 2011, 115, 5307-5318.	2.5	9
53	Chlorodifluoroacetyl Cyanide, ClF ₂ CC(O)CN: Synthesis, Structure, and Spectroscopic Characterization. Inorganic Chemistry, 2011, 50, 9650-9659.	4.0	6
54	Determination of Heats of Tautomerization of Nitrile"Ketenimine by Mass Spectrometry. European Journal of Mass Spectrometry, 2011, 17, 125-143.	1.0	7

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55	Convenient synthesis of carbamates, S-alkyl thiocarbamates, and N,N ^ε -disubstituted urea derivatives of methoxycarbonylsulphenyl isocyanate. <i>Tetrahedron Letters</i> , 2011, 52, 5352-5354.	1.4	7
56	Formation of XNCO species (X=F, Cl) through matrix-isolation photochemistry of XSO ₂ NCO molecules. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2011, 223, 194-201.	3.9	6
57	Hydrogen bonding interactions between $\hat{1}\pm$, $\hat{1}^2$ -glucose, and methacrylic acid. <i>Structural Chemistry</i> , 2011, 22, 1347-1352.	2.0	23
58	Conformational preference of chlorothioformate species: molecular structure of ethyl chlorothioformate, ClC(O)SCH ₂ CH ₃ , in the solid phase and NBO analysis. <i>Acta Crystallographica Section B: Structural Science</i> , 2011, 67, 350-356.	1.8	5
59	One-pot synthesis of 2-trifluoromethylchromones. <i>Tetrahedron Letters</i> , 2011, 52, 1436-1440.	1.4	24
60	Infrared and Raman studies on renal stones: the use of second derivative infrared spectra. <i>Urological Research</i> , 2010, 38, 383-390.	1.5	23
61	Biography of Heinz Oberhammer. <i>Journal of Molecular Structure</i> , 2010, 978, 1-3.	3.6	1
62	Synthesis and characterization of the first phosphonic diamide containing thiazolyl groups: Structural properties and tautomeric equilibrium. <i>Journal of Molecular Structure</i> , 2010, 978, 67-73.	3.6	20
63	Pentafluoroethylminosulfur difluoride, CF ₃ CF ₂ NSF ₂ : Vibrational spectra and quantum chemical calculations. <i>Journal of Molecular Structure</i> , 2010, 978, 131-135.	3.6	4
64	Synthesis of two new thioesters bearing ferrocene: Vibrational characterization and ab initio calculations. X-ray crystal structure of S-(2-methoxyphenyl)ferrocenecarbothioate. <i>Polyhedron</i> , 2010, 29, 827-832.	2.2	4
65	Vibrational properties, crystal X-ray diffraction structure and quantum chemical calculations on a divalent sulfur substituted phthalimide: 1H-Isoindole-1,3(2H)-dione, 2-[(methoxycarbonyl)thio]. <i>Journal of Molecular Structure</i> , 2010, 975, 227-233.	3.6	3
66	Syntheses, spectroscopic study and X-ray crystallography of some new phosphoramidates and lanthanide(III) complexes of <i>N</i> -(4-nitrobenzoyl)- <i>N</i> ^ε , <i>N</i> ^ε -bis(morpholino)phosphoric triamide. <i>Acta Crystallographica Section B: Structural Science</i> , 2010, 66, 441-450.	1.8	25
67	Trifluoroselenoacetic acid, CF ₃ C(O)SeH: Preparation and Properties. <i>Inorganic Chemistry</i> , 2010, 49, 9972-9977.	4.0	20
68	Matrix Photochemistry at Low Temperatures and Spectroscopic Properties of $\hat{1}^3$ -Butyrothiolactone. <i>Journal of Physical Chemistry A</i> , 2010, 114, 9462-9470.	2.5	17
69	Experimental and theoretical characterization of molecular complexes formed between OCS and XY molecules (X, Y = F, Cl and Br) and their role in photochemical matrix reactions. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 563-571.	2.8	16
70	Vibrational Spectra, Crystal Structures, Constitutional and Rotational Isomerism of FC(O)SCN and FC(O)NCS. <i>Inorganic Chemistry</i> , 2010, 49, 11142-11157.	4.0	14
71	Conformational Behavior of CH ₃ OC(O)SX (X = CN and SCN) Pseudohalide Congeners. A Combined Experimental and Theoretical Study. <i>Journal of Physical Chemistry A</i> , 2010, 114, 3703-3712.	2.5	13
72	Molecular and Electronic Structure of $\hat{1}$ -Valerothiolactone. <i>Journal of Physical Chemistry A</i> , 2010, 114, 12540-12547.	2.5	7

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73	Evidence for the Formation of an Interstellar Species, HCS ⁺ , during the Ionic Fragmentation of Methyl Thiofluoroformate, FC(O)SCH ₃ , in the 100-1000 eV Region. <i>Journal of Physical Chemistry A</i> , 2010, 114, 12353-12361.	2.5	11
74	Study of the Photodissociation Process of ClC(O)SCH ₃ Using both Synchrotron Radiation and HeI Photoelectron Spectroscopy in the Valence Region. <i>Journal of Physical Chemistry A</i> , 2010, 114, 8049-8055.	2.5	8
75	NMR Spectroscopic Parameters of Molecular Systems with Strong Hydrogen Bonds. <i>Journal of Physical Chemistry A</i> , 2010, 114, 7162-7172.	2.5	32
76	Methoxycarbonyl trifluoromethyl disulfide, CH ₃ OC(O)SSCF ₃ : synthesis, structure and conformational properties. <i>New Journal of Chemistry</i> , 2010, 34, 1365.	2.8	7
77	Spectroscopic Characterization and Conformational Properties of S-(Fluoroformyl)-O-(acetyl) Thioperoxide and S-(Fluoroformyl)-O-(trifluoroacetyl) Thioperoxide. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 4094-4104.	2.0	1
78	Experimental and theoretical studies on bis(chlorocarbonyl)trisulfane, ClC(O)SSSC(O)Cl. <i>Journal of Molecular Structure</i> , 2009, 930, 37-42.	3.6	2
79	Spectroscopic and structural studies of bis[isopropoxy(thiocarbonyl)]sulfide, [(CH ₃) ₂ CHOC(S)] ₂ S. <i>Journal of Molecular Structure</i> , 2009, 930, 43-48.	3.6	3
80	A comprehensive study of (CH ₃) ₂ CHOC(S)SC(O)OCH ₃ using matrix isolation technique, X-ray analysis, spectroscopic studies and theoretical calculations. <i>Journal of Physical Organic Chemistry</i> , 2009, 22, 815-822.	1.9	10
81	Synthesis, crystal structure and spectroscopic properties of a novel carbacylamidophosphate: N-(3-nitrobenzoyl)-N ² ,N ² -bis(tert-butyl)phosphoric triamide. <i>Acta Crystallographica Section B: Structural Science</i> , 2009, 65, 502-508.	1.8	20
82	Structural effects and hydrogen bonds on N,N ² -di(methoxycarbonylsulfonyl)urea, [CH ₃ OC(O)SNH] ₂ CO, studied by experimental and theoretical methods. <i>Journal of Molecular Structure</i> , 2009, 918, 146-153.	3.6	19
83	Experimental and theoretical study of a novel compound: Fluorocarbonylsulfonyl acetate, FC(O)SOC(O)CH ₃ . <i>Journal of Molecular Structure</i> , 2009, 919, 83-88.	3.6	3
84	Experimental and quantum chemical investigation on fluorocarbonylsulfonyl benzoate, FC(O)SOC(O)C ₆ H ₅ . <i>Journal of Molecular Structure</i> , 2009, 921, 274-278.	3.6	1
85	Synthesis, spectroscopy, computational study and prospective biological activity of two novel 1,3,2-diazaphospholidine-2,4,5-triones. <i>Polyhedron</i> , 2009, 28, 541-547.	2.2	9
86	N ² -H ² SC hydrogen bond in O-alkyl N-methoxycarbonyl thiocarbamates, ROC(S)N(H)C(O)OCH ₃ (R=CH ₃), Tj. FTQq0 0 0 rgBT /Over	2.2	41
87	UV absorption cross-sections of a series of vinyl ethers. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2009, 204, 46-51.	3.9	4
88	Matrix Photochemistry, Photoelectron Spectroscopy, Solid-Phase Structure, and Ring Strain Energy of Î²-Propiolactone. <i>Journal of Physical Chemistry A</i> , 2009, 113, 3662-3672.	2.5	19
89	Photochemistry of SO ₂ /Cl ₂ /O ₂ Gas Mixtures: Synthesis of the New Peroxide ClSO ₂ OOSO ₂ Cl. <i>Inorganic Chemistry</i> , 2009, 48, 1906-1910.	4.0	9
90	Conformational and Structural Determination of F ₂ NC(O)F and F ₂ NC(O)NCO. A Joint Experimental and Theoretical Study. <i>Journal of Physical Chemistry A</i> , 2009, 113, 13029-13035.	2.5	15

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91	Dissociative Photoionization of Methyl Thiocyanate, CH ₃ SCN, in the Proximity of the Sulfur 2p Edge. Journal of Physical Chemistry A, 2009, 113, 564-572.	2.5	16
92	Perchloromethyl Mercaptan, CCl ₃ SCI, Excited with Synchrotron Radiation in the Proximity of the Sulfur and Chlorine 2p Edges: Dissociative Photoionization of Highly Halogenated Species. Journal of Physical Chemistry A, 2009, 113, 9624-9632.	2.5	16
93	Interpretation of the mechanism of acetylcholinesterase inhibition ability by organophosphorus compounds through a new conformational descriptor. an experimental and theoretical study. Journal of Molecular Modeling, 2008, 14, 813-821.	1.8	11
94	Gas-Phase Generation and Electronic Structure Investigation of Oxidovanadium Triisocyanate, OV(NCO) ₃ . European Journal of Inorganic Chemistry, 2008, 2008, 1518-1522.	2.0	0
95	Gas-Phase Generation, Structure, Spectroscopy, and Quantum Chemical Calculations of Fluorocarbonylsulfur Thiocyanate, FC(O)SSCN. European Journal of Inorganic Chemistry, 2008, 2008, 3987-3995.	2.0	8
96	Selenoacetic Acid, CH ₃ C(O)SeH: Preparation, Characterization, and Conformational Properties. Angewandte Chemie - International Edition, 2008, 47, 10114-10118.	13.8	20
97	[Chloro(difluoro)acetyl]phosphoramidic acid dichloride ClF ₂ CC(O)NHP(O)Cl ₂ , synthesis, vibrational and NMR spectra and theoretical calculations. Journal of Molecular Structure, 2008, 886, 66-71.	3.6	40
98	Vibrational studies of N-trifluoroacetyl-phosphoramidic acid dichloride [CF ₃ C(O)NHP(O)Cl ₂] and N-trichloroacetyl-phosphoramidic acid dichloride [CCl ₃ C(O)NHP(O)Cl ₂]. Vibrational Spectroscopy, 2008, 46, 107-114.	2.2	17
99	Preparation of the novel XC(O)SeX species (X=Cl, Br) through matrix photochemical reactions of OCSe with Cl ₂ and Br ₂ at cryogenic temperatures. Inorganica Chimica Acta, 2008, 361, 540-550.	2.4	6
100	Synthesis, spectroscopic study, X-ray crystallography and ab initio calculations of the two new phosphoramidates: C ₆ H ₅ OP(O)(NHC ₆ H ₁₁) ₂ and [N(CH ₃)(C ₆ H ₁₁)]P(O)(2-C ₅ H ₄ N-NH) ₂ . Journal of Molecular Structure, 2008, 874, 178-186.	3.6	58
101	Deuterium isotopic effect on ¹³ C NMR chemical shifts of 1-(2-hydroxyphenyl)-3-aryl-1,3-propanediones: Hydrogen bond and substituent effects. Journal of Molecular Structure, 2008, 878, 50-59.	3.6	5
102	Matrix isolation study of ethyl chloroformate, ClC(O)OCH ₂ CH ₃ . Journal of Molecular Structure, 2008, 881, 139-145.	3.6	9
103	Vibrational spectra and theoretical calculations of [(trifluoromethyl)sulfonyl] phosphorimidic trichloride (CF ₃ SO ₂ NPCl ₃). Journal of Molecular Structure, 2008, 888, 7-12.	3.6	5
104	Spectroscopic and Electrochemical Studies of Ferrocenyl Triazole Amino Acid and Peptide Bioconjugates Synthesized by Click Chemistry. Organometallics, 2008, 27, 6326-6332.	2.3	55
105	Preparation and Properties of Trifluorothioacetic Acid- <i>S</i> -(trifluoromethyl)ester, CF ₃ C(O)SCF ₃ . Journal of Physical Chemistry A, 2008, 112, 6211-6216.	2.5	32
106	Synthesis, Spectroscopic Characterization, and Conformational Properties of Trichloromethanesulfonyl Acetate, CCl ₃ SOC(O)CH ₃ . Journal of Physical Chemistry A, 2008, 112, 7939-7946.	2.5	10
107	He I Photoelectron Spectra and Valence Synchrotron Photoionization for XC(O)SCI (X = F, Cl) Compounds. Journal of Physical Chemistry A, 2008, 112, 2228-2234.	2.5	20
108	He I Photoelectron and Valence Synchrotron Photoionization Studies of the Thioester Molecule CH ₃ C(O)SCH ₃ : Evidence of Vibronic Structure. Journal of Physical Chemistry A, 2008, 112, 5947-5953.	2.5	17

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109	Preparation and Properties of Methoxycarbonylsulfenyl Isocyanate, CH ₃ OC(O)SNCO. Journal of Organic Chemistry, 2007, 72, 9074-9080.	3.2	33
110	Dissociative Photoionization of Methoxycarbonylsulfenyl Chloride, CH ₃ OC(O)SCL, Following Sulfur 2p, Chlorine 2p, and Oxygen 1s Excitations. Journal of Physical Chemistry A, 2007, 111, 8062-8071.	2.5	18
111	Formation of New Halogenothiocarbonylsulfenyl Halides, XC(S)SY, through Photochemical Matrix Reactions Starting from CS ₂ and a Dihalogen Molecule XY (XY = Cl ₂ , Br ₂ , or BrCl). Inorganic Chemistry, 2007, 46, 4692-4703.	4.0	21
112	Methanesulfenyl Fluoride, CH ₃ SF, a Missing Link in the Family of Sulfenyl Halides: Formation and Characterization through the Matrix Photochemistry of Methyl Thiofluoroformate, FC(O)SCH ₃ . Chemistry - A European Journal, 2007, 13, 8185-8192.	3.3	15
113	Early Barriers in the Matrix Photochemical Formation of <i>syn</i> - and <i>anti</i> -Randomized FC(O)SeF from the OCS ₂ Complex. Chemistry - A European Journal, 2007, 13, 9355-9361.	3.3	10
114	Anomeric Interactions in Pentafluoroethylimidodisulfurous Dichloride, CF ₃ CF ₂ N=SCl ₂ : Structural, Conformational and Configurational Properties in the Gaseous and Condensed Phases. European Journal of Inorganic Chemistry, 2007, 2007, 3535-3542.	2.0	8
115	Chlorodifluorothioacetic Acid, CF ₂ ClC(O)SH: Synthesis, Characterization, X-ray Structure and Conformational Properties. European Journal of Organic Chemistry, 2007, 2007, 4917-4926.	2.4	9
116	Spectroscopic and theoretical studies of N-trichlorophosphazotrifluoroacetyl, CF ₃ C(O)NPCl ₃ and N-trichlorophosphazotrichloroacetyl, CCl ₃ C(O)NPCl ₃ . Vibrational Spectroscopy, 2007, 43, 290-296.	2.2	6
117	Dissociation dynamics of highly charged molecular ions of FC(O)SCL. Journal of Electron Spectroscopy and Related Phenomena, 2007, 155, 64-69.	1.7	10
118	Conformational and vibrational analysis of S-(2-methoxyphenyl)-4-substituted-benzenecarbothioates, using X-ray, infrared and Raman spectroscopy and theoretical calculations. Journal of Molecular Structure, 2007, 842, 46-54.	3.6	14
119	Conformation of N,N'-bis(2,6-dimethylmorpholino), N'-dichloroacetyl phosphoric triamide: CHCl ₂ C(O)NHP(O)[2,6(CH ₃) ₂ (NC ₄ H ₆ O)] ₂ . NMR and ab initio studies. Journal of Molecular Structure, 2007, 840, 66-70.	3.6	18
120	Synthesis and structural characterization of metallated bioconjugates: C-terminal labeling of amino acids with aminoferrocene. Journal of Organometallic Chemistry, 2007, 692, 4209-4214.	1.8	22
121	S-(Fluoroformyl)O-(Trifluoroacetyl) Thioperoxide, FC(O)S~OC(O)CF ₃ : Gas-Phase Structure and Conformational Properties. Journal of Physical Chemistry A, 2006, 110, 10201-10205.	2.5	17
122	Trichloromethyl Chloroformate (Diphosgene), ClC(O)OCCl ₃ : Structure and Conformational Properties in the Gaseous and Condensed Phases. Journal of Organic Chemistry, 2006, 71, 3423-3428.	3.2	13
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