

Carlos Omar Della VÃ©dova

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	Anomeric and Mesomeric Effects in Methoxycarbonylsulfenyl Chloride, CH ₃ OC(O)SCL:Â An Experimental and Theoretical Studyâ€. Inorganic Chemistry, 2002, 41, 1064-1071.	4.0	55
3	Spectroscopic and Electrochemical Studies of Ferrocenyl Triazole Amino Acid and Peptide Bioconjugates Synthesized by Click Chemistry. Organometallics, 2008, 27, 6326-6332.	2.3	55
4	Structures and conformations of carbonyl isocyanates and carbonyl azides. An experimental and theoretical investigation. Journal of Molecular Structure, 1993, 291, 197-209.	3.6	53
5	Conformational properties and gas-phase structure of (fluorocarbonyl)sulfenyl chloride, FC(O)SCL; electron diffraction, vibrational analysis, and ab initio calculations. The Journal of Physical Chemistry, 1991, 95, 4238-4241.	2.9	48
6	Matrix Photochemistry of syn-(Chlorocarbonyl)sulfenyl Bromide, syn-ClC(O)SBr:Â Precursor to the Novel Species anti-ClC(O)SBr, syn-BrC(O)SCL, and BrSCL. Journal of the American Chemical Society, 2001, 123, 5794-5801.	13.7	44
7	Toward an Intimate Understanding of the Structural Properties and Conformational Preference of Oxoesters and Thioesters:â€ Gas and Crystal Structure and Conformational Analysis of Dimethyl Monothiocarbonate, CH ₃ OC(O)SCH ₃ . Journal of Organic Chemistry, 2006, 71, 616-622.	3.2	42
8	Fluoroformyl Trifluoroacetyl Disulfide, FC(O)SSC(O)CF ₃ :Â Synthesis, Structure in Solid and Gaseous States, and Conformational Properties#. Inorganic Chemistry, 2005, 44, 7070-7077.	4.0	41
9	Nâ€Hâ€SC hydrogen bond in O-alkyl N-methoxycarbonyl thiocarbamates, ROC(S)N(H)C(O)OCH ₃ (R=CH ₃ â€), Tj ETOq1 1 0,784314	2.2	41
10	Dramatic Changes in Geometry after Ionization:Â Experimental and Theoretical Studies on the Electronic Properties of Fluorocarbonyl (Mono-, Di-, and Tri-) Sulfur Compounds. Inorganic Chemistry, 2002, 41, 3740-3748.	4.0	40
11	[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
12	Influence of nickel on hydroxyapatite crystallization. Journal of Raman Spectroscopy, 2001, 32, 255-261.	2.5	39
13	Matrix Photochemistry of CH ₃ C(O)SX Molecules with X = H, CH ₃ , and C(O)CH ₃ :Â Formation of Ketene in Another Decomposition Channel of Sulfenyl Carbonyl Compounds. Journal of Physical Chemistry A, 2002, 106, 7235-7244.	2.5	39
14	A matrix photochemistry study on (fluorocarbonyl)sulfenyl bromide: the precursor of sulfur bromide fluoride. Inorganic Chemistry, 1993, 32, 948-950.	4.0	33
15	Preparation and Properties of Methoxycarbonylsulfenyl Isocyanate, CH ₃ OC(O)SNCO. Journal of Organic Chemistry, 2007, 72, 9074-9080.	3.2	33
16	TGA-DTA, infrared and x-ray powder diffraction studies on strontium nitroprusside and its hydrates. Journal of Molecular Structure, 1981, 70, 241-254.	3.6	32
17	Syntheses, crystal structure and ab initio calculations of two new phosphoric triamides. Journal of Molecular Structure, 2005, 750, 64-71.	3.6	32
18	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

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19	NMR Spectroscopic Parameters of Molecular Systems with Strong Hydrogen Bonds. Journal of Physical Chemistry A, 2010, 114, 7162-7172.	2.5	32
20	The gas-phase structure and conformational properties of N-sulfinylimine fluorocarbonylsulphane, FC(O)SNSO. Journal of Molecular Structure, 1992, 265, 347-357.	3.6	30
21	Structures and Conformations of (Trifluoromethyl)thioacetic Acid, CF ₃ C(O)SH, and Derivatives CF ₃ C(O)SCH ₃ and CF ₃ C(O)SCL. Inorganic Chemistry, 1996, 35, 6152-6157.	4.0	30
22	N-Sulfinylimine compounds, R ² N=S=O: a chemistry family with strong temperament. Journal of Molecular Structure, 2000, 522, 1-26.	3.6	30
23	Spectroscopic and theoretical studies of sulfamoyl fluoride, FSO ₂ NH ₂ and N-(fluorosulfonyl) imidosulfonyl fluoride, FSO ₂ NS(O)F ₂ . Journal of Molecular Structure, 2003, 657, 291-300.	3.6	30
24	Geometric structure and conformation of bis(fluorocarbonyl) disulfide, FC(O)SSC(O)F. The Journal of Physical Chemistry, 1992, 96, 9215-9217.	2.9	29
25	Trifluoroacetylsulfonyl Trifluoroacetate, CF ₃ C(O)S(O)C(O)CF ₃ , a Novel Compound with a Symmetrically Substituted S=O Bond: A Synthesis, Spectroscopic Characterization, and Quantum Chemical Calculations. Inorganic Chemistry, 2002, 41, 5699-5705.	4.0	29
26	Trifluoromethyl Chlorosulfonate, CF ₃ OSO ₂ Cl: A Gas Phase and Crystal Structure, Conformation and Vibrational Analysis Studied by Experimental and Theoretical Methods. Inorganic Chemistry, 2003, 42, 7297-7303.	4.0	29
27	Matrix Photochemistry of the Chlorocarbonyl Sulfonyl Compounds ClC(O)SY, with Y = Cl or CH ₃ . Journal of Physical Chemistry A, 2004, 108, 7179-7187.	2.5	29
28	Properties of the mixed-valence binuclear complex ion, (NH ₃) ₅ Ru ^{III} -NC-Os ^{II} (CN) ₅ . Inorganica Chimica Acta, 1994, 223, 37-42.	2.4	28
29	Structures and conformational properties of trifluoromethylsulfonyl isocyanate, CF ₃ SO ₂ NCO, and trifluoromethylsulfonyl azide, CF ₃ SO ₂ N ₃ . Journal of Molecular Structure, 1998, 445, 197-205.	3.6	28
30	Keto-enol tautomerism in $\hat{1}^2$ -ketoesters: CH ₃ C(O)CHX(C(O)OY) (X = H, Cl; Y = CH ₃ , C ₂ H ₅). Vibrational analyses, NMR spectra and quantum chemical calculations. Journal of Raman Spectroscopy, 2001, 32, 319-329.	2.5	28
31	Calculation of the Vibrational Spectra of Linear Tetrapyrroles. 2. Resonance Raman Spectra of Hexamethylpyrromethene Monomers. Journal of Physical Chemistry B, 2000, 104, 10885-10899.	2.6	27
32	Photochemical Reaction Channels of OCS with Cl ₂ , ICl, or IBr Isolated Together in an Argon Matrix: A Isolation of syn-Iodocarbonylsulfonyl Bromide. Journal of Physical Chemistry A, 2006, 110, 2674-2681.	2.5	27
33	Separation of keto-enol tautomers in $\hat{1}^2$ -ketoesters: a gas chromatography-mass spectrometric study. Journal of Molecular Structure, 2001, 560, 327-335.	3.6	26
34	Infrared, Raman and ultraviolet spectra and normal coordinate analysis of chlorocarbonyl isocyanate. Journal of Raman Spectroscopy, 1990, 21, 283-290.	2.5	25
35	Syntheses, spectroscopic study and X-ray crystallography of some new phosphoramidates and lanthanide(III) complexes of N-(4-nitrobenzoyl)-N-bis(morpholino)phosphoric triamide. Acta Crystallographica Section B: Structural Science, 2010, 66, 441-450.	1.8	25
36	Effects of Nickel on Calcium Phosphate Formation. Journal of Solid State Chemistry, 2000, 151, 163-169.	2.9	24

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37	One-pot synthesis of 2-trifluoromethylchromones. <i>Tetrahedron Letters</i> , 2011, 52, 1436-1440.	1.4	24
38	Synthese und Charakterisierung von Halogencarbonylmercapto-Verbindungen. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 1991, 600, 145-151.	1.2	23
39	Conformation and structure of acetylisocyanate, CH ₃ C(O)NCO, from electron diffraction and microwave data and ab initio calculations. <i>Journal of Molecular Structure</i> , 1992, 265, 359-366.	3.6	23
40	Conformational and bond properties of chlorosulfonyl isocyanate, ClSO ₂ NCO. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 1995, 51, 555-561.	3.9	23
41	Vibrational studies of fluoroformyliminosulfur difluoride: FC(O)NSF ₂ . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 1996, 52, 667-673.	3.9	23
42	Structures and Conformations of Trifluoromethyl Fluoroformate and Perfluorodimethyl Carbonate. <i>Inorganic Chemistry</i> , 2001, 40, 3979-3985.	4.0	23
43	Gas Electron Diffraction Analysis on S-Methyl Thioacetate, CH ₃ C(O)SCH ₃ . <i>Journal of Organic Chemistry</i> , 2004, 69, 5395-5398.	3.2	23
44	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
45	Hydrogen bonding interactions between α -, β -glucose, and methacrylic acid. <i>Structural Chemistry</i> , 2011, 22, 1347-1352.	2.0	23
46	Bis(fluorocarbonyl)peroxid, eine Verbindung mit ungewÃ¶hnlicher MolekÃ¼lstruktur. <i>Angewandte Chemie</i> , 1991, 103, 1166-1167.	2.0	22
47	Vibrational spectra and structures of halogencarbonyl alkyl disulfanes XC(O)SSR with X=F, Cl and R=CF ₃ , CH ₃ . <i>Journal of Fluorine Chemistry</i> , 2001, 112, 297-305.	1.7	22
48	Raman spectroscopic study of the conformational changes of thyroxine induced by interactions with phospholipid. <i>European Biophysics Journal</i> , 2002, 31, 448-453.	2.2	22
49	Methyl Fluorocarbonyl Disulfide (FC(O)SSMe): A Theoretical Study on the Structural and Conformational Properties of Its Neutral Ground State and Lowest-Lying Cationic State. <i>Helvetica Chimica Acta</i> , 2003, 86, 2379-2395.	1.6	22
50	Synthesis and structural characterization of metallated bioconjugates: C-terminal labeling of amino acids with aminoferrocene. <i>Journal of Organometallic Chemistry</i> , 2007, 692, 4209-4214.	1.8	22
51	Bis(fluorocarbonyl) Peroxide; an Unusual Molecular Structure. <i>Angewandte Chemie International Edition in English</i> , 1991, 30, 1145-1146.	4.4	21
52	Gas-phase structure and conformational properties of malonyl dichloride, ClC(O)CH ₂ C(O)Cl. <i>Journal of Molecular Structure</i> , 1995, 346, 51-61.	3.6	21
53	Structural and vibrational properties of ClC(O)SY compounds with Y=O=Cl and CH ₃ . <i>New Journal of Chemistry</i> , 2003, 27, 514-519.	2.8	21
54	Formation of New Halogenothiocarbonylsulfonyl Halides, XC(S)SY, through Photochemical Matrix Reactions Starting from CS ₂ and a Dihalogen Molecule XY (XY = Cl ₂ , Br ₂ , or BrCl). <i>Inorganic Chemistry</i> , 2007, 46, 4692-4703.	4.0	21

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55	Spectroscopic properties of methyl thiofluoroformate, FC(O)SCH ₃ . Journal of Raman Spectroscopy, 1989, 20, 483-488.	2.5	20
56	Preparation and properties of fluorocarbonylsulphenyl bromide, FC(O) SBr. Journal of Raman Spectroscopy, 1989, 20, 729-734.	2.5	20
57	The molecular structure of N-sulfinyl trimethylsilanamine, (CH ₃) ₃ SiNSO. Journal of Molecular Structure, 1995, 350, 227-231.	3.6	20
58	Gas phase structures of N-(fluorosulfonyl)imidodifluorous difluoride, FSO ₂ N ⁻ ...SF ₂ , and N-(fluorosulfonyl)imidodifluorous difluoride, FSO ₂ N ⁻ ...S(O)F ₂ . Journal of Molecular Structure, 1999, 484, 249-257.	3.6	20
59	Tautomers and conformers of malonamide, NH ₂ -C(O)-CH ₂ -C(O)-NH ₂ : vibrational analysis, NMR spectra and ab initio calculations. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2000, 56, 1533-1541.	3.9	20
60	(Bromocarbonyl)sulphenyl bromide, BrC(O)SBr: a novel carbonyl sulphenyl compound formed by the photochemical reaction between Br ₂ and OCS isolated together in an Ar matrix. Chemical Communications, 2001, , 2638-2639.	4.1	20
61	Study of the Ionic Fragmentation of Shallow- and Core-Excited Fluorocarbonylsulphenyl Chloride, FC(O)SCL: A Observation of a New Three-Body Dissociation Mechanism. Journal of Physical Chemistry A, 2004, 108, 3938-3946.	2.5	20
62	Trifluoromethyl Chloroformate, ClC(O)OCF ₃ : Structure, Conformation, and Vibrational Analysis Studied by Experimental and Theoretical Methods. Journal of Physical Chemistry A, 2004, 108, 699-706.	2.5	20
63	Evidence of Site-Specific Fragmentation on Thioacetic Acid, CH ₃ C(O)SH, Irradiated with Synchrotron Radiation around the S 2p and O 1s Regions. Journal of Physical Chemistry A, 2006, 110, 875-883.	2.5	20
64	Selenoacetic Acid, CH ₃ C(O)SeH: Preparation, Characterization, and Conformational Properties. Angewandte Chemie - International Edition, 2008, 47, 10114-10118.	13.8	20
65	He I Photoelectron Spectra and Valence Synchrotron Photoionization for XC(O)SCL (X = F, Cl) Compounds. Journal of Physical Chemistry A, 2008, 112, 2228-2234.	2.5	20
66	Synthesis, crystal structure and spectroscopic properties of a novel carbacylamidophosphate: N-(3-nitrobenzoyl)-N ^ε ,N ^ε -bis(tert-butyl)phosphoric triamide. Acta Crystallographica Section B: Structural Science, 2009, 65, 502-508.	1.8	20
67	Synthesis and characterization of the first phosphonic diamide containing thiazolyl groups: Structural properties and tautomeric equilibrium. Journal of Molecular Structure, 2010, 978, 67-73.	3.6	20
68	Trifluoroselenoacetic acid, CF ₃ C(O)SeH: Preparation and Properties. Inorganic Chemistry, 2010, 49, 9972-9977.	4.0	20
69	Trifluoromethanesulphenyl Acetate, CF ₃ S ⁺ OC(O)CH ₃ , and Trifluoromethanesulphenyl Trifluoroacetate, CF ₃ S ⁺ OC(O)CF ₃ : Unexpected Conformational Properties. Journal of Physical Chemistry A, 2005, 109, 3739-3744.	2.5	19
70	Structural effects and hydrogen bonds on N,N ^ε -di(methoxycarbonylsulphenyl)urea, [CH ₃ OC(O)SNH] ₂ CO, studied by experimental and theoretical methods. Journal of Molecular Structure, 2009, 918, 146-153.	3.6	19
71	Matrix Photochemistry, Photoelectron Spectroscopy, Solid-Phase Structure, and Ring Strain Energy of β -Prothiolactone. Journal of Physical Chemistry A, 2009, 113, 3662-3672.	2.5	19
72	Structure and conformation of fluoroformyliminosulfur difluoride, FC(O)N ⁻ →SF ₂ . Journal of Molecular Structure, 1996, 375, 207-211.	3.6	18

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73	S-ethyl thiochloroformate, ClC(O)SCH ₂ CH ₃ : Unusual conformational properties?. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 1998, 54, 695-705.	3.9	18
74	A solid state study of the configuration and conformation of O ⁻ ...S ⁻ ...N ⁺ ...R (R=C ₆ H ₅ and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 T	3.6	18
75	Spectroscopic and conformational comparative study of trimethyl chalcogenphosphates. <i>Journal of Molecular Structure</i> , 2001, 561, 161-174.	3.6	18
76	N-(Chloroacetyl)- and N-(dichloroacetyl)-N-(xylyl)alanine esters: assignment of the absolute configurations and enantiodifferentiation by the dirhodium method. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 2285-2293.	1.8	18
77	Dissociative Photoionization of Methoxycarbonylsulfenyl Chloride, CH ₃ OC(O)SCl, Following Sulfur 2p, Chlorine 2p, and Oxygen 1s Excitations. <i>Journal of Physical Chemistry A</i> , 2007, 111, 8062-8071.	2.5	18
78	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. <i>Journal of Molecular Structure</i> , 2007, 840, 66-70.	3.6	18
79	Synthesis, conformational and NQR analysis of phosphoric triamides containing the P(O)[N] ₃ skeleton. <i>Journal of Molecular Structure</i> , 2012, 1023, 18-24.	3.6	18
80	Chlorodifluoroacetyl Azide, ClF ₂ CC(O)N ₃ : Preparation, Properties, and Decomposition. <i>Journal of Organic Chemistry</i> , 2012, 77, 6456-6462.	3.2	18
81	Microwave spectrum and conformational properties of methylfluorocarbonyl disulphide, FC(O)SSCH ₃ . <i>Journal of Molecular Spectroscopy</i> , 1992, 154, 240-245.	1.2	17
82	Vibrational and conformational study of FSO ₂ NCO: FT-IR, preresonance Raman effect, force field and theoretical calculations. <i>Journal of Molecular Structure</i> , 1994, 323, 29-38.	3.6	17
83	Ionic Fragmentation on ClC(O)SCl. Evidence of a Highly Charged Molecular Ion and Confirmation of Unusual Dissociation Mechanisms for Halocarbonylsulfenyl Chlorides. <i>Journal of Physical Chemistry A</i> , 2005, 109, 304-313.	2.5	17
84	S-(Fluoroformyl)O-(Trifluoroacetyl) Thioperoxide, FC(O)S ⁺ OC(O)CF ₃ : Gas-Phase Structure and Conformational Properties. <i>Journal of Physical Chemistry A</i> , 2006, 110, 10201-10205.	2.5	17
85	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]. <i>Vibrational Spectroscopy</i> , 2008, 46, 107-114.	2.2	17
86	HeI Photoelectron and Valence Synchrotron Photoionization Studies of the Thioester Molecule CH ₃ C(O)SCH ₃ : Evidence of Vibronic Structure. <i>Journal of Physical Chemistry A</i> , 2008, 112, 5947-5953.	2.5	17
87	Matrix Photochemistry at Low Temperatures and Spectroscopic Properties of ¹³ C-Butyrothiolactone. <i>Journal of Physical Chemistry A</i> , 2010, 114, 9462-9470.	2.5	17
88	Towards the absolute determination of the conformation in thioester compounds through the first pre-resonance Raman study in X-NSO molecules. Preparation and properties of S(N-sulphonylimine) chlorocarbonylsulphane, ClC(O)SNSO: IR, pre-resonant Raman, ¹³ C NMR, mass and UV spectroscopic and conformational study. <i>Journal of Molecular Structure</i> , 1992, 274, 9-23.	3.6	16
89	(Trifluoromethyl)sulfanyl sulphonylimine, CF ₃ SNSO. Structure and conformation in the electronic ground and excited states. <i>Journal of Molecular Structure</i> , 1998, 440, 43-52.	3.6	16
90	Preparation, characterization and thiol ⁻ thione tautomeric studies of 2-thiono-4-methyl-5-(2,2,2-trifluoro-1-trifluoromethylethyl)-1,3-thiazoline. <i>Journal of Fluorine Chemistry</i> , 2002, 117, 185-192.	1.7	16

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91	New Members of an Old Family: Isolation of IC(O)Cl and IC(O)Br and Evidence for the Formation of Weakly Bound Br-Cl-CO. <i>Inorganic Chemistry</i> , 2005, 44, 3241-3248.	4.0	16
92	Dissociative Photoionization of Methyl Thiocyanate, CH ₃ SCN, in the Proximity of the Sulfur 2p Edge. <i>Journal of Physical Chemistry A</i> , 2009, 113, 564-572.	2.5	16
93	Perchloromethyl Mercaptan, CCl ₃ SCl, Excited with Synchrotron Radiation in the Proximity of the Sulfur and Chlorine 2p Edges: Dissociative Photoionization of Highly Halogenated Species. <i>Journal of Physical Chemistry A</i> , 2009, 113, 9624-9632.	2.5	16
94	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
95	Conformation and gas-phase structure of difluorosulphenylimine cyanide, F ₂ S(O)NCN. <i>Journal of Molecular Structure</i> , 1995, 354, 165-168.	3.6	15
96	Gas phase structures of trifluoroacetyl chloride, CF ₃ C(O)Cl, and chlorodifluoroacetyl chloride, CF ₂ ClC(O)Cl. <i>Journal of Molecular Structure</i> , 1996, 380, 55-61.	3.6	15
97	S-trifluoromethylsulfanyl sulfinylimine, CF ₃ SSNO: structure and conformation in the electronic ground and excited states. <i>Journal of Molecular Structure</i> , 1998, 446, 127-135.	3.6	15
98	Kinetics and mechanism of thermal gas-phase oxidation of hexafluoropropene in the presence of trifluoromethylhypofluorite, CF ₃ OF. <i>Physical Chemistry Chemical Physics</i> , 2000, 2, 1393-1399.	2.8	15
99	Structures and Conformations of ((Trifluoroacetyl)imido)(trifluoromethyl)sulfur Fluoride, CF ₃ C(O)NS(F)CF ₃ . <i>Journal of Physical Chemistry A</i> , 2003, 107, 7874-7878.	2.5	15
100	Methanesulfonyl Fluoride, CH ₃ SF, a Missing Link in the Family of Sulfonyl Halides: Formation and Characterization through the Matrix Photochemistry of Methyl Thiofluoroformate, FC(O)SCH ₃ . <i>Chemistry - A European Journal</i> , 2007, 13, 8185-8192.	3.3	15
101	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
102	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
103	The thermal decomposition of iron(III) formate. <i>Thermochimica Acta</i> , 1987, 117, 325-330.	2.7	14
104	Vibrational spectra of trifluoromethylthiosulphenyl chloride, CF ₃ SSCl. <i>Journal of Raman Spectroscopy</i> , 1989, 20, 279-282.	2.5	14
105	Spectroscopic studies of trifluoromethanesulfonyl azide, CF ₃ SO ₂ N ₃ . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 1998, 54, 605-615.	3.9	14
106	Spectroscopic and structural properties of N-sulfinyl-benzenamine, O S N=C ₆ H ₅ . <i>Journal of Molecular Structure</i> , 1999, 508, 5-17.	3.6	14
107	((Fluoroformyl)imido)(trifluoromethyl)sulfur Fluoride, FC(O)NS(F)CF ₃ : Unexpected Conformational Properties. <i>Inorganic Chemistry</i> , 2000, 39, 4833-4837.	4.0	14
108	Vibrational Spectra and Gas Phase Structure of N-Cyanoimidodisulfurous Difluoride, NCNSF ₂ . <i>Inorganic Chemistry</i> , 2001, 40, 5188-5191.	4.0	14

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109	Structure and Conformational Properties of Diacetyl Sulfide in the Gaseous and Condensed Phases Explored by Gas Electron Diffraction, Single-Crystal X-ray Diffraction, Vibrational Spectroscopy, and Quantum Chemical Calculations. <i>Journal of the American Chemical Society</i> , 2001, 123, 12623-12631.	13.7	14
110	Vibrational spectra and gas phase structure of N-trifluoroacetylimidodisulfurous difluoride, $\text{CF}_3\text{C}(\text{O})\text{N}\ddot{\text{S}}\text{F}_2$. <i>Journal of Molecular Structure</i> , 2002, 607, 207-215.	3.6	14
111	Synthesis, Structure and Conformational Properties of Fluoroformylchlorodifluoroacetyl Disulfide, $\text{FC}(\text{O})\text{SSC}(\text{O})\text{CF}_2\text{Cl}$: Conformational Transferability in $\text{C}(\text{O})\text{SSC}(\text{O})$ Compounds. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 4418-4425.	2.0	14
112	Conformational and vibrational analysis of S-(2-methoxyphenyl)-4-substituted-benzenecarbothioates, using X-ray, infrared and Raman spectroscopy and theoretical calculations. <i>Journal of Molecular Structure</i> , 2007, 842, 46-54.	3.6	14
113	Vibrational Spectra, Crystal Structures, Constitutional and Rotational Isomerism of $\text{FC}(\text{O})\text{SCN}$ and $\text{FC}(\text{O})\text{NCS}$. <i>Inorganic Chemistry</i> , 2010, 49, 11142-11157.	4.0	14
114	Structural, spectroscopic and theoretical studies on dixanthogens: $(\text{ROC}(\text{S})\text{S})_2$, with R = n-propyl and isopropyl. <i>New Journal of Chemistry</i> , 2014, 38, 3708-3716.	2.8	14
115	Preparation and properties of bromocarbonyl isocyanate, $\text{BrC}(\text{O})\text{NCO}$. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1992, 48, 1179-1185.	0.1	13
116	Structures and Conformations of $\text{CF}_3\text{SC}(\text{O})\text{F}$ and $\text{CF}_3\text{SC}(\text{O})\text{Cl}$: Gas-Phase Electron Diffraction, Vibrational Analysis, and Theoretical Calculations. <i>Journal of Physical Chemistry A</i> , 1997, 101, 2173-2177.	2.5	13
117	Vibrational studies of sulfamoyl chloride (ClSO_2NH_2). <i>Journal of Molecular Structure</i> , 1998, 440, 213-219.	3.6	13
118	Structure and Conformations of N-(Fluoroformyl)imidodisulfurous Dichloride, $\text{FC}(\text{O})\text{NSCl}_2$. <i>Inorganic Chemistry</i> , 2003, 42, 4071-4075.	4.0	13
119	Fluorocarbonyl Trifluoromethanesulfonate, $\text{FC}(\text{O})\text{OSO}_2\text{CF}_3$: Structure and Conformational Properties in the Gaseous and Condensed Phases. <i>Inorganic Chemistry</i> , 2004, 43, 4064-4071.	4.0	13
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