

# Rosana Mariel Romano

## List of Publications by Year in descending order

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128  
papers

1,354  
citations

430442

18  
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131  
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131  
docs citations

131  
times ranked

687  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stamplike flexible SERS substrate for in-situ rapid detection of thiram residues in fruits and vegetables. Food Chemistry, 2022, 373, 131570.	4.2	40
2	Synthesis, X-ray Structures, and spectroscopic characterization of cis and trans-bis(O-propyldithiocarbonato)bis(pyridine)nickel(II), cis and trans-[Ni(CH <sub>3</sub> CH <sub>2</sub> CH <sub>2</sub> OC(S)S) <sub>2</sub> (C <sub>5</sub> H <sub>5</sub> N) <sub>2</sub> ]. Chemical Physics Letters, 2022, 794, 139487.	1.2	0
3	Preparation of FC(S)SF, FC(S)SeF and FC(Se)SeF through matrix photochemical reactions of F <sub>2</sub> with CS <sub>2</sub> , SCS <sub>e</sub> , and CSe <sub>2</sub> . Physical Chemistry Chemical Physics, 2021, 23, 20892-20900.	1.3	1
4	New insights into the Ar-matrix-isolation FTIR spectroscopy and photochemistry of dichloroacetyl chloride, ClC(O)CHCl <sub>2</sub> : Influence of O <sub>2</sub> and comparison with gas-phase photochemistry. Journal of Photochemistry and Photobiology, 2021, 6, 100019.	1.1	1
5	Structure, conformational properties and matrix photochemistry of <i>tert</i> -butyltrifluoroacetate CF <sub>3</sub> C(O)SC(CH <sub>3</sub> ) <sub>3</sub> . New Journal of Chemistry, 2020, 44, 14568-14577.	1.4	3
6	Study on the detection of cocaine in Argentinian banknotes by SERS. Vibrational Spectroscopy, 2020, 110, 103136.	1.2	5
7	Room-Temperature Ferromagnetism Induced by High-Pressure Hydrogenation of ZnO. Journal of Physical Chemistry C, 2019, 123, 19851-19861.	1.5	11
8	Formation of HCO <sup>+</sup> and HCS <sup>+</sup> ions in the Photodissociation of CH <sub>3</sub> OC(S)SCH <sub>3</sub> under VUV Synchrotron Radiation. Journal of Physical Chemistry A, 2019, 123, 6674-6682.	1.1	3
9	Color Source for the First Argentinian Flags. ACS Omega, 2019, 4, 11424-11432.	1.6	2
10	Experimental and theoretical conformational studies on diallyl sulfide. Journal of Molecular Structure, 2019, 1182, 54-62.	1.8	5
11	Disulfuryl Dichloride ClSO <sub>2</sub> OSO <sub>2</sub> Cl: A Conformation and Polymorphism Chameleon. Chemistry - A European Journal, 2018, 24, 10409-10421.	1.7	4
12	Graphene Grown on Ni Foam: Molecular Sensing, Graphene-Enhanced Raman Scattering, and Galvanic Exchange for Surface-Enhanced Raman Scattering Applications. Journal of Physical Chemistry C, 2018, 122, 9152-9161.	1.5	15
13	Preparation and Properties of Chlorosulfuryl Chloroformate, ClC(O)OSO <sub>2</sub> Cl. Inorganic Chemistry, 2018, 57, 14834-14842.	1.9	1
14	Valence and Inner Electronic Excitation, Ionization, and Fragmentation of Perfluoropropionic Acid. Journal of Physical Chemistry A, 2018, 122, 9842-9850.	1.1	2
15	Role of weak C-H...O and strong N-H...O intermolecular interactions on the high-symmetry molecular packing of <i>trans</i> -cyclohexane-1,4-dicarboxamide. Acta Crystallographica Section C, Structural Chemistry, 2018, 74, 1068-1078.	0.2	3
16	Photodegradation of methyl thioglycolate particles as a proxy for organosulphur containing droplets. Physical Chemistry Chemical Physics, 2018, 20, 19416-19423.	1.3	2
17	Electronic Properties and Ionic Photodissociation of Thionitrite Compounds RSNO [R=(CH <sub>3</sub> ) <sub>3</sub> C- and (CH <sub>3</sub> ) <sub>2</sub> CH-]. ChemistrySelect, 2017, 2, 2021-2027.	0.7	0
18	Experimental and theoretical investigation on conformational and spectroscopic properties of dimethyl dithiodiglycolate, [CH <sub>3</sub> OC(O)CH <sub>2</sub> S] <sub>2</sub> . Journal of Molecular Structure, 2017, 1137, 524-529.	1.8	1

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19	The Colour of the Argentinean Flag. <i>ChemistrySelect</i> , 2017, 2, 2235-2240.	0.7	4
20	Experimental and theoretical IR study of methyl thioglycolate, CH <sub>3</sub> OC(O)CH <sub>2</sub> SH, in different phases: Evidence of a dimer formation. <i>Journal of Molecular Structure</i> , 2017, 1139, 160-165.	1.8	4
21	Electronic structure determination using an assembly of conventional and synchrotron techniques: The case of a xanthate complex. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 180, 183-192.	2.0	6
22	Photochemical Reaction of OCS <sub>e</sub> with ClF in Argon Matrix: A Light-Driven Formation of XC(O)SeY (X, Y) Tj ETQq0 0,0,rgBT /Oyerlock 10	1.1	1
23	Gas-phase and matrix-isolation photochemistry of methyl thioglycolate, CH <sub>3</sub> OC(O)CH <sub>2</sub> SH: Influence of the presence of molecular oxygen in the photochemical mechanisms. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 344, 101-107.	2.0	2
24	Photochemistry of single particles using acoustic levitation coupled with Raman microspectrometry. <i>Journal of Raman Spectroscopy</i> , 2017, 48, 1135-1137.	1.2	14
25	Unimolecular Photochemical Mechanisms of FC(O)SSCl Isolated in Solid Ar. <i>ChemistrySelect</i> , 2017, 2, 4092-4098.	0.7	0
26	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 <sub>3</sub> SCN and CCl <sub>2</sub> FSCN. <i>Journal of Physical Chemistry A</i> , 2017, 121, 9201-9210.	1.1	3
27	Vibrational spectra, conformational properties and argon matrix photochemistry of diacetyl diselenide, CH <sub>3</sub> C(O)Se <sub>2</sub> C(O)CH <sub>3</sub> . <i>Journal of Physical Organic Chemistry</i> , 2016, 29, 636-644.	0.9	2
28	Structural Analysis of Perfluoropropanoyl Fluoride in the Gas, Liquid, and Solid Phases. <i>Journal of Physical Chemistry A</i> , 2016, 120, 2420-2430.	1.1	4
29	Preparation and Spectroscopic Studies of FC(O)SSCl. <i>European Journal of Inorganic Chemistry</i> , 2016, 2016, 5568-5574.	1.0	1
30	Electronic properties and photofragmentation mechanisms of pyrosulfuryl chloride, ClSO <sub>2</sub> OSO <sub>2</sub> Cl. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 324, 184-191.	2.0	0
31	The Structure and Conformation of (CH <sub>3</sub> ) <sub>3</sub> CSNO. <i>Chemistry - A European Journal</i> , 2015, 21, 10436-10442.	1.7	11
32	Conformational and spectroscopic study of xanthogen ethyl formates, ROC(S)SC(O)OCH <sub>2</sub> CH <sub>3</sub> . Isolation of CH <sub>3</sub> CH <sub>2</sub> OC(O)SH. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 139, 346-355.	2.0	15
33	Photoexcitation, Photoionization, and Photofragmentation of CF <sub>3</sub> CF <sub>2</sub> CF <sub>2</sub> C(O)Cl Using Synchrotron Radiation between 13 and 720 eV. <i>Journal of Physical Chemistry A</i> , 2015, 119, 1894-1905.	1.1	2
34	Photofragmentation Mechanisms of Chlorosulfonyl Isocyanate, ClSO <sub>2</sub> NCO, Excited with Synchrotron Radiation between 12 and 550 eV. <i>Journal of Physical Chemistry A</i> , 2015, 119, 8021-8030.	1.1	9
35	Photoelectron Spectroscopy and Ionic Fragmentation of OSeCl <sub>2</sub> and Its Analogue OSCl <sub>2</sub> under VUV Irradiation. <i>Journal of Physical Chemistry A</i> , 2015, 119, 8000-8009.	1.1	0
36	Ionic Fragmentation Mechanisms of 2,2,2-Trifluoroethanol Following Excitation with Synchrotron Radiation. <i>ChemPhysChem</i> , 2015, 16, 322-330.	1.0	8

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37	Matrix Photochemical Study and Conformational Analysis of CH <sub>3</sub> C(O)NCS and CF <sub>3</sub> C(O)NCS. Journal of Physical Chemistry A, 2014, 118, 697-707.	1.1	3
38	Matrix Isolation Study of the Conformations and Photochemistry of S-Ethyl Fluorothioformate, FC(O)SCH <sub>2</sub> CH <sub>3</sub> . Journal of Physical Chemistry A, 2014, 118, 11193-11203.	1.1	6
39	Dimers of Perhaloacetyl Cyanides: CClF <sub>2</sub> C(O)OC(CN)2CClF <sub>2</sub> and CF <sub>3</sub> C(O)OC(CN)2CF <sub>3</sub> . Preparation, Properties, and Spectroscopy. Journal of Physical Chemistry A, 2014, 118, 1721-1729.	1.1	0
40	Structural, spectroscopic and theoretical studies on dixanthogens: (ROC(S)S) <sub>2</sub> , with R = n-propyl and isopropyl. New Journal of Chemistry, 2014, 38, 3708-3716.	1.4	14
41	Electronic Properties of FC(O)SCH <sub>2</sub> CH <sub>3</sub> . A Combined Helium(I) Photoelectron Spectroscopy and Synchrotron Radiation Study. Journal of Physical Chemistry A, 2014, 118, 5950-5960.	1.1	2
42	Matrix isolation studies of carbonyl selenide, OCS <sub>e</sub> : Evidence of the formation of dimeric species, (OCS <sub>e</sub> ) <sub>2</sub> . Vibrational Spectroscopy, 2014, 70, 28-35.	1.2	6
43	Formation of the Matrix-Isolated Difluoromethylselenanes XCF <sub>2</sub> SeH (X = H, Cl) Through Photolysis of Selenoacetic Acids, XCF <sub>2</sub> C(O)SeH. European Journal of Inorganic Chemistry, 2013, 2013, 4585-4594.	1.0	2
44	Electronic Properties of Fluorosulfonyl Isocyanate, FSO <sub>2</sub> NCO: A Photoelectron Spectroscopy and Synchrotron Photoionization Study. Journal of Physical Chemistry A, 2013, 117, 9179-9188.	1.1	6
45	Spectroscopic Characterization and Constitutional and Rotational Isomerism of ClC(O)SCN and ClC(O)NCS. Journal of Physical Chemistry A, 2013, 117, 2383-2399.	1.1	6
46	Chlorodifluoroacetyl Isothiocyanate, ClF <sub>2</sub> CC(O)NCS: Preparation and Structural and Spectroscopic Studies. Journal of Physical Chemistry A, 2013, 117, 5597-5606.	1.1	8
47	Matrix Isolation of the Elusive Fluorocarbonylsulfonyl Fluoride Molecule FC(O)SF. Journal of Physical Chemistry A, 2013, 117, 855-862.	1.1	8
48	Chlorodifluoroacetyl Isocyanate, ClF <sub>2</sub> CC(O)NCO: Preparation and Structural and Spectroscopic Studies. Journal of Physical Chemistry A, 2012, 116, 11586-11595.	1.1	13
49	Dissociative Photoionization of Methyl Thiochloroformate, ClC(O)SCH <sub>3</sub> , Following Sulfur 2p, Chlorine 2p, Carbon 1s, and Oxygen 1s Excitations. Journal of Physical Chemistry A, 2012, 116, 7498-7507.	1.1	5
50	Electronic Properties and Dissociative Photoionization of Thiocyanates. Part II. Valence and Shallow-Core (Sulfur and Chlorine 2p) Regions of Chloromethyl Thiocyanate, CH <sub>2</sub> CISCN. Journal of Physical Chemistry A, 2012, 116, 231-241.	1.1	7
51	Interstellar H <sub>3</sub> <sup>+</sup> and HCS <sup>+</sup> Ions Produced in the Dissociative Photoionization Process of CH <sub>3</sub> C(O)SCH <sub>3</sub> in the Proximity of the Sulfur 2p, Carbon 1s, and Oxygen 1s Edges. Journal of Physical Chemistry A, 2012, 116, 2571-2582.	1.1	9
52	Preparation and Properties of Two Novel Selenoacetic Acids: HCF <sub>2</sub> C(O)SeH and ClCF <sub>2</sub> C(O)SeH. Inorganic Chemistry, 2012, 51, 2608-2615.	1.9	7
53	Vibrational and Valence Photoelectron Spectroscopies, Matrix Photochemistry, and Conformational Studies of ClC(O)SSCl. Journal of Physical Chemistry A, 2011, 115, 10203-10210.	1.1	3
54	Outermost and Inner-Shell Electronic Properties of ClC(O)SCH <sub>2</sub> CH <sub>3</sub> Studied Using HeI Photoelectron Spectroscopy and Synchrotron Radiation. Journal of Physical Chemistry A, 2011, 115, 5307-5318.	1.1	9

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55	Chlorodifluoroacetyl Cyanide, ClF <sub>2</sub> CC(O)CN: Synthesis, Structure, and Spectroscopic Characterization. <i>Inorganic Chemistry</i> , 2011, 50, 9650-9659.	1.9	6
56	Formation of XNCO species (X=F, Cl) through matrix-isolation photochemistry of XSO <sub>2</sub> NCO molecules. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2011, 223, 194-201.	2.0	6
57	Infrared matrix-isolation studies of the CS <sub>2</sub> ·HCl molecular complex. <i>Journal of Molecular Structure</i> , 2010, 978, 187-190.	1.8	5
58	Trifluoroselenoacetic acid, CF <sub>3</sub> C(O)SeH: Preparation and Properties. <i>Inorganic Chemistry</i> , 2010, 49, 9972-9977.	1.9	20
59	Matrix Photochemistry at Low Temperatures and Spectroscopic Properties of <sup>13</sup> C-Butyrothiolactone. <i>Journal of Physical Chemistry A</i> , 2010, 114, 9462-9470.	1.1	17
60	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.	1.3	16
61	Vibrational Spectra, Crystal Structures, Constitutional and Rotational Isomerism of FC(O)SCN and FC(O)NCS. <i>Inorganic Chemistry</i> , 2010, 49, 11142-11157.	1.9	14
62	Evidence for the Formation of an Interstellar Species, HCS <sup>+</sup> , during the Ionic Fragmentation of Methyl Thiofluoroformate, FC(O)SCH <sub>3</sub> , in the 100-1000 eV Region. <i>Journal of Physical Chemistry A</i> , 2010, 114, 12353-12361.	1.1	11
63	Study of the Photodissociation Process of ClC(O)SCH <sub>3</sub> Using both Synchrotron Radiation and HeI Photoelectron Spectroscopy in the Valence Region. <i>Journal of Physical Chemistry A</i> , 2010, 114, 8049-8055.	1.1	8
64	Experimental and theoretical studies on bis(chlorocarbonyl)trisulfane, ClC(O)SSSC(O)Cl. <i>Journal of Molecular Structure</i> , 2009, 930, 37-42.	1.8	2
65	Spectroscopic and structural studies of bis[isopropoxy(thiocarbonyl)]sulfide, [(CH <sub>3</sub> ) <sub>2</sub> CHOC(S)] <sub>2</sub> S. <i>Journal of Molecular Structure</i> , 2009, 930, 43-48.	1.8	3
66	A comprehensive study of (CH <sub>3</sub> ) <sub>2</sub> CHOC(S)SC(O)OCH <sub>3</sub> using matrix isolation technique, X-ray analysis, spectroscopic studies and theoretical calculations. <i>Journal of Physical Organic Chemistry</i> , 2009, 22, 815-822.	0.9	10
67	UV absorption cross-sections of a series of vinyl ethers. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2009, 204, 46-51.	2.0	4
68	Matrix Photochemistry, Photoelectron Spectroscopy, Solid-Phase Structure, and Ring Strain Energy of <sup>13</sup> C-Propiothiolactone. <i>Journal of Physical Chemistry A</i> , 2009, 113, 3662-3672.	1.1	19
69	Photochemistry of SO <sub>2</sub> /Cl <sub>2</sub> /O <sub>2</sub> Gas Mixtures: Synthesis of the New Peroxide ClSO <sub>2</sub> OOSO <sub>2</sub> Cl. <i>Inorganic Chemistry</i> , 2009, 48, 1906-1910.	1.9	9
70	Dissociative Photoionization of Methyl Thiocyanate, CH <sub>3</sub> SCN, in the Proximity of the Sulfur 2p Edge. <i>Journal of Physical Chemistry A</i> , 2009, 113, 564-572.	1.1	16
71	Perchloromethyl Mercaptan, CCl <sub>3</sub> 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.	1.1	16
72	Selenoacetic Acid, CH <sub>3</sub> C(O)SeH: Preparation, Characterization, and Conformational Properties. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 10114-10118.	7.2	20

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73	Preparation of the novel XC(O)SeX species (X=Cl, Br) through matrix photochemical reactions of OCS <sub>e</sub> with Cl <sub>2</sub> and Br <sub>2</sub> at cryogenic temperatures. <i>Inorganica Chimica Acta</i> , 2008, 361, 540-550.	1.2	6
74	Matrix-isolation FTIR study of carbon dioxide: Reinvestigation of the CO <sub>2</sub> dimer and CO <sub>2</sub> ·N <sub>2</sub> complex. <i>Journal of Molecular Structure</i> , 2008, 881, 68-75.	1.8	39
75	Matrix isolation study of ethyl chloroformate, ClC(O)OCH <sub>2</sub> CH <sub>3</sub> . <i>Journal of Molecular Structure</i> , 2008, 881, 139-145.	1.8	9
76	He I Photoelectron Spectra and Valence Synchrotron Photoionization for XC(O)SCl (X = F, Cl) Compounds. <i>Journal of Physical Chemistry A</i> , 2008, 112, 2228-2234.	1.1	20
77	He I Photoelectron and Valence Synchrotron Photoionization Studies of the Thioester Molecule CH <sub>3</sub> C(O)SCH <sub>3</sub> : Evidence of Vibronic Structure. <i>Journal of Physical Chemistry A</i> , 2008, 112, 5947-5953.	1.1	17
78	Dissociative Photoionization of Methoxycarbonylsulfonyl Chloride, CH <sub>3</sub> OC(O)SCl, Following Sulfur 2p, Chlorine 2p, and Oxygen 1s Excitations. <i>Journal of Physical Chemistry A</i> , 2007, 111, 8062-8071.	1.1	18
79	Formation of New Halogenothiocarbonylsulfonyl Halides, XC(S)SY, through Photochemical Matrix Reactions Starting from CS <sub>2</sub> and a Dihalogen Molecule XY (XY = Cl <sub>2</sub> , Br <sub>2</sub> , or BrCl). <i>Inorganic Chemistry</i> , 2007, 46, 4692-4703.	1.9	21
80	Methanesulfonyl Fluoride, CH <sub>3</sub> SF, a Missing Link in the Family of Sulfonyl Halides: Formation and Characterization through the Matrix Photochemistry of Methyl Thiofluoroformate, FC(O)SCH <sub>3</sub> . <i>Chemistry - A European Journal</i> , 2007, 13, 8185-8192.	1.7	15
81	Early Barriers in the Matrix Photochemical Formation of <i>syn</i> and <i>anti</i> Randomized FC(O)SeF from the OCS <sub>e</sub> :F <sub>2</sub> Complex. <i>Chemistry - A European Journal</i> , 2007, 13, 9355-9361.	1.7	10
82	Dissociation dynamics of highly charged molecular ions of FC(O)SCl. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2007, 155, 64-69.	0.8	10
83	Trichloromethyl Chloroformate (Diphosgene), ClC(O)OCCl <sub>3</sub> : Structure and Conformational Properties in the Gaseous and Condensed Phases. <i>Journal of Organic Chemistry</i> , 2006, 71, 3423-3428.	1.7	13
84	Evidence of Site-Specific Fragmentation on Thioacetic Acid, CH <sub>3</sub> C(O)SH, Irradiated with Synchrotron Radiation around the S 2p and O 1s Regions. <i>Journal of Physical Chemistry A</i> , 2006, 110, 875-883.	1.1	20
85	Photochemical Reaction Channels of OCS with Cl <sub>2</sub> , ICl, or IBr Isolated Together in an Argon Matrix: Isolation of <i>syn</i> -Iodocarbonylsulfonyl Bromide. <i>Journal of Physical Chemistry A</i> , 2006, 110, 2674-2681.	1.1	27
86	Matrix-Isolated van der Waals Complexes Formed between CS <sub>2</sub> and Dihalogen Molecules XY, Where XY = Cl <sub>2</sub> , Br <sub>2</sub> , BrCl, ICl, or IBr. <i>Journal of Physical Chemistry A</i> , 2006, 110, 12129-12135.	1.1	12
87	Bromodifluoroacetyl fluoride, CF <sub>2</sub> BrC(O)F: Experimental and theoretical studies. <i>Journal of Molecular Structure</i> , 2006, 825, 32-37.	1.8	1
88	Gas phase structure and conformational properties of chlorocarbonyl trifluoromethanesulfonate, ClC(O)OSO <sub>2</sub> CF <sub>3</sub> . <i>Journal of Molecular Structure</i> , 2006, 784, 272-275.	1.8	5
89	Kinetics and Mechanism of the Thermal Gas-Phase Reaction between NO <sub>2</sub> and Trifluorobromoethene, CF <sub>2</sub> CFBr. <i>Zeitschrift Fur Physikalische Chemie</i> , 2005, 219, 849-864.	1.4	3
90	Ionic Fragmentation on ClC(O)SCl. Evidence of a Highly Charged Molecular Ion and Confirmation of Unusual Dissociation Mechanisms for Halocarbonylsulfonyl Chlorides. <i>Journal of Physical Chemistry A</i> , 2005, 109, 304-313.	1.1	17

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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-CO. <i>Inorganic Chemistry</i> , 2005, 44, 3241-3248.	1.9	16
92	Study of the Ionic Fragmentation of Shallow- and Core-Excited Fluorocarbonylsulfenyl Chloride, FC(O)SCL: Observation of a New Three-Body Dissociation Mechanism. <i>Journal of Physical Chemistry A</i> , 2004, 108, 3938-3946.	1.1	20
93	Matrix Photochemistry of the Chlorocarbonyl Sulfenyl Compounds ClC(O)SY, with Y = Cl or CH <sub>3</sub> . <i>Journal of Physical Chemistry A</i> , 2004, 108, 7179-7187.	1.1	29
94	Chlorocarbonyl Trifluoromethanesulfonate, ClC(O)OSO <sub>2</sub> CF <sub>3</sub> : Structure and Conformational Properties in the Gaseous and Condensed Phases. <i>Inorganic Chemistry</i> , 2004, 43, 8143-8149.	1.9	6
95	Gas Electron Diffraction Analysis on S-Methyl Thioacetate, CH <sub>3</sub> C(O)SCH <sub>3</sub> . <i>Journal of Organic Chemistry</i> , 2004, 69, 5395-5398.	1.7	23
96	Fluorocarbonyl Trifluoromethanesulfonate, FC(O)OSO <sub>2</sub> CF <sub>3</sub> : Structure and Conformational Properties in the Gaseous and Condensed Phases. <i>Inorganic Chemistry</i> , 2004, 43, 4064-4071.	1.9	13
97	Kinetics and Mechanism of the Thermal Gas-Phase Reaction between NO <sub>2</sub> and Perfluoropropene. <i>Zeitschrift Fur Physikalische Chemie</i> , 2004, 218, 575-598.	1.4	8
98	Kinetics and mechanism of the thermal gas-phase oxidation of perfluorobutene-2 in presence of trifluoromethyl hypofluorite. <i>International Journal of Chemical Kinetics</i> , 2003, 35, 532-541.	1.0	6
99	Synthesis, spectroscopic, theoretical and structural studies of new trihalomethyl sulphenyl derivatives of 5-methyl-1,3,4-thiadiazole-2-thiol. <i>Journal of Physical Organic Chemistry</i> , 2003, 16, 1-8.	0.9	7
100	Matrix-Isolated van der Waals Complexes Formed between CO and Dihalogen Molecules, XY with X, Y = Cl, Br, or I. <i>Journal of Physical Chemistry A</i> , 2003, 107, 5298-5305.	1.1	28
101	Structural and vibrational properties of ClC(O)SY compounds with Y = Cl and CH <sub>3</sub> . <i>New Journal of Chemistry</i> , 2003, 27, 514-519.	1.4	21
102	Kinetics and Mechanism of the Thermal Gas-Phase Reaction between NO <sub>2</sub> and Trifluorochloroethene. <i>Zeitschrift Fur Physikalische Chemie</i> , 2002, 216, .	1.4	5
103	Matrix Photochemistry of CH <sub>3</sub> C(O)SX Molecules with X = H, CH <sub>3</sub> , and C(O)CH <sub>3</sub> : Formation of Ketene in Another Decomposition Channel of Sulfenyl Carbonyl Compounds. <i>Journal of Physical Chemistry A</i> , 2002, 106, 7235-7244.	1.1	39
104	Anomeric and Mesomeric Effects in Methoxycarbonylsulfenyl Chloride, CH <sub>3</sub> OC(O)SCL: An Experimental and Theoretical Study. <i>Inorganic Chemistry</i> , 2002, 41, 1064-1071.	1.9	55
105	(Bromocarbonyl)sulfenyl bromide, BrC(O)SBr: a novel carbonyl sulfenyl compound formed by the photochemical reaction between Br <sub>2</sub> and OCS isolated together in an Ar matrix. <i>Chemical Communications</i> , 2001, , 2638-2639.	2.2	20
106	Post-resonance Raman and theoretical studies on 1,3,2,4-benzodithiadiazines, formally anti-aromatic compounds. <i>Physical Chemistry Chemical Physics</i> , 2001, 3, 1411-1418.	1.3	4
107	Preparation and Conformational Properties of the Perfluoro Diether CF <sub>3</sub> OCF <sub>2</sub> OCF <sub>2</sub> C(O)F, a Model Molecule to Study Properties of Perfluoro Polyethers. <i>Inorganic Chemistry</i> , 2001, 40, 3039-3047.	1.9	9
108	Matrix Photochemistry of syn-(Chlorocarbonyl)sulfenyl Bromide, syn-ClC(O)SBr: A Precursor to the Novel Species anti-ClC(O)SBr, syn-BrC(O)SCL, and BrSCL. <i>Journal of the American Chemical Society</i> , 2001, 123, 5794-5801.	6.6	44

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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.	6.6	14
110	N-Sulfinylimine compounds, R <sub>2</sub> N=S=O: a chemistry family with strong temperament. <i>Journal of Molecular Structure</i> , 2000, 522, 1-26.	1.8	30
111	Kinetics and mechanism of thermal gas-phase oxidation of hexafluoropropene in the presence of trifluoromethylhypofluorite, CF <sub>3</sub> OF. <i>Physical Chemistry Chemical Physics</i> , 2000, 2, 1393-1399.	1.3	15
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