

Jean Claude Guillemin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3798200/publications.pdf>

Version: 2024-02-01

359
papers

6,086
citations

134610

34
h-index

182931

54
g-index

383
all docs

383
docs citations

383
times ranked

3822
citing authors

#	ARTICLE	IF	CITATIONS
1	Iron-based far-infrared spectroscopy of HC_3N : Extended ro-vibrational analysis and Gas-phase identification of (<i>Z</i>)-1,2-ethenediol, a key prebiotic intermediate in the formose reaction. Chemical Communications, 2022, 58, 2750-2753.	1.1	1
2	Gas-phase identification of (<i>Z</i>)-1,2-ethenediol, a key prebiotic intermediate in the formose reaction. Chemical Communications, 2022, 58, 2750-2753.	2.2	14
3	Phosphorescence of Hydrogen-Capped Linear Polyene Molecules C_8H_2 , C_{10}H_2 and C_{12}H_2 in Solid Hexane Matrices at 20 K. Photochem, 2022, 2, 181-201.	0.4	10
4	Phosphorescence of Hydrogen-Capped Linear Polyene Molecules C_8H_2 , C_{10}H_2 and C_{12}H_2 in Solid Hexane Matrices at 20 K. Photochem, 2022, 2, 181-201.	1.3	1
5	Phosphorescence of C_5N^+ in Rare Gas Solids. Photochem, 2022, 2, 263-271.	1.3	0
6	Spectroscopic and Computational Characterization of 2-Aza-1,3-butadiene, a Molecule of Astrochemical Significance. Journal of Physical Chemistry A, 2022, 126, 1881-1888.	1.1	2
7	Precursors of the RNA World in Space: Detection of (<i>Z</i>)-1,2-ethenediol in the Interstellar Medium, a Key Intermediate in Sugar Formation. Astrophysical Journal Letters, 2022, 929, L11.	3.0	43
8	Structural and thermochemical studies of pyrrolidine borane and piperidine borane by gas electron diffraction and quantum chemical calculations. Structural Chemistry, 2021, 32, 205-213.	1.0	1
9	An Efficient Photochemical Route Towards Triplet Ethynylphosphinidene, HCCP. Angewandte Chemie - International Edition, 2021, 60, 6400-6402.	7.2	10
10	An Efficient Photochemical Route Towards Triplet Ethynylphosphinidene, HCCP. Angewandte Chemie, 2021, 133, 6470-6472.	1.6	3
11	Rotational spectroscopic study and astronomical search for propiolamide in Sgr B2(N). Astronomy and Astrophysics, 2021, 647, A55.	2.1	5
12	Rotational spectroscopy of isotopic cyclopropenone, $\text{c-H}_2\text{C}_3\text{O}$, and determination of its equilibrium structure. Astronomy and Astrophysics, 2021, 647, A179.	2.1	11
13	High-Resolution Infrared Spectroscopy of DC3N in the Stretching Region. Frontiers in Astronomy and Space Sciences, 2021, 8, .	1.1	5
14	Organic residues in astrophysical ice analogues: Thermal processing of hydrogenated glyoxal ices under interstellar conditions. Monthly Notices of the Royal Astronomical Society, 2021, 504, 2181-2189.	1.6	1
15	Rotational spectroscopy of imidazole: Accurate spectroscopic information for three vibrationally excited states and the heavy-atom isotopologues up to 295 ÅGHz. Journal of Molecular Spectroscopy, 2021, 378, 111452.	0.4	2
16	Millimeter- and submillimeter-wave spectrum of trans-formaldoxime (CH_2NOH). Astronomy and Astrophysics, 2021, 649, A60.	2.1	5
17	Torsional-rotational spectrum of doubly deuterated dimethyl ether ($\text{CH}_3\text{OCH}_2\text{D}$). Astronomy and Astrophysics, 2021, 651, A120.	2.1	12
18	Hydrogenation of glycolaldehyde to ethylene glycol at 10 K. Monthly Notices of the Royal Astronomical Society, 2021, 507, 2632-2642.	1.6	4

#	ARTICLE	IF	CITATIONS
19	Experimental and Computational Studies on the Reactivity of Methanimine Radical Cation (H_2CNH^+) and its Isomer Aminomethylene (HCNH_2) With C_2H_2 . <i>Frontiers in Astronomy and Space Sciences</i> , 2021, 8, .	1.1	4
20	From Molecular to Cluster Properties: Rotational Spectroscopy of 2-Aminopyridine and of Its Biomimetic Cluster with Water. <i>Molecules</i> , 2021, 26, 6870.	1.7	1
21	Solid-state formation of CO and H_2CO via the $\text{CHOCHO} + \text{H}$ reaction. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 289-301.	1.6	7
22	Millimeter wave spectroscopy of cyanoketene ($\text{NC}=\text{CH}=\text{C}=\text{O}$) and an observational search in the ISM. <i>Astronomy and Astrophysics</i> , 2020, 638, A3.	2.1	4
23	Extensive ro-vibrational analysis of deuterated-cyanoacetylene (DC_3N) from millimeter-wavelengths to the infrared domain. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2020, 254, 107221.	1.1	3
24	Phosphorescence excitation mapping and vibrational spectroscopy of HC_9N and HC_{11}N cyanopolynes in organic solvents. <i>Journal of Molecular Structure</i> , 2020, 1214, 128201.	1.8	7
25	Unimolecular decomposition of methyl ketene and its dimer in the gas phase: theory and experiment. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 20394-20408.	1.3	9
26	Quasi-symmetry effects in the threshold photoelectron spectrum of methyl isocyanate. <i>Journal of Chemical Physics</i> , 2020, 153, 074308.	1.2	0
27	VUV photoionization of the CH_2NC radical: adiabatic ionization energy and cationic vibrational mode wavenumber determinations. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 12496-12501.	1.3	7
28	Submillimeter-wave spectroscopy of and interstellar search for thioacetaldehyde. <i>Journal of Molecular Spectroscopy</i> , 2020, 371, 111304.	0.4	8
29	Rotational spectroscopic study of S-methyl thioformate. <i>Astronomy and Astrophysics</i> , 2020, 644, A102.	2.1	2
30	Submillimeter-wave spectroscopy and the radio-astronomical investigation of propynethial ($\text{HC}\equiv\text{CCHS}$). <i>Astronomy and Astrophysics</i> , 2020, 642, A206.	2.1	11
31	Spectroscopy of methylcyanodiacetylene revisited. Solid parahydrogen and solid neon matrix studies. <i>Journal of Molecular Structure</i> , 2020, 1218, 128437.	1.8	1
32	Alkaline and alkaline-earth cyanoacetylides: A combined theoretical and rotational spectroscopic investigation. <i>Journal of Chemical Physics</i> , 2019, 151, 054312.	1.2	6
33	Direct Experimental Observation of in situ Dehydrogenation of an Amine-Borane System Using Gas Electron Diffraction. <i>Journal of Physical Chemistry A</i> , 2019, 123, 7104-7112.	1.1	5
34	Spectroscopic Studies on Hydrazine-Boranes, Key Compounds for Chemical Hydrogen Storage. <i>Journal of Physical Chemistry A</i> , 2019, 123, 6003-6015.	1.1	1
35	Vibronic structure of the cyanobutadiyne cation. I. VUV photoionization study of HC_5N . <i>Journal of Chemical Physics</i> , 2019, 150, 244304.	1.2	1
36	The Laboratory Millimeter and Submillimeter Rotational Spectrum of Lactaldehyde and an Astronomical Search in Sgr B2(N), Orion-KL, and NGC 6334I. <i>Astrophysical Journal</i> , 2019, 883, 18.	1.6	8

#	ARTICLE	IF	CITATIONS
37	Formation of amines: hydrogenation of nitrile and isonitrile as selective routes in the interstellar medium. <i>Astronomy and Astrophysics</i> , 2019, 628, A15.	2.1	12
38	Photoionization and dissociative photoionization of propynal in the gas phase: theory and experiment. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 14053-14062.	1.3	11
39	Synthesis and Reactivity of 5-Bromopenta-2,4-dienitrile (BrC_5N): an Access to Conjugated Scaffolds. <i>Helvetica Chimica Acta</i> , 2019, 102, e1800232.	1.0	7
40	Origin band of the first photoionizing transition of hydrogen isocyanide. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 2337-2344.	1.3	6
41	Isomerization of cyanopropyne in solid argon. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 13668-13678.	1.3	4
42	Formation of methyl ketenimine ($\text{CH}_3\text{CH}=\text{C}=\text{NH}$) and ethylcyanide ($\text{CH}_3\text{CH}_2\text{C}\equiv\text{N}$) isomers through successive hydrogenations of acrylonitrile ($\text{CH}_2=\text{CH}-\text{C}\equiv\text{N}$) under interstellar conditions: The role of $\text{CH}_3\text{C}\equiv\text{N}$ radical in the activation of the cyano group chemistry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 5210-5220.	1.6	10
43	Fourier transform microwave spectroscopy of Criegee intermediates: The conformational behaviour of butyraldehyde oxide. <i>Journal of Chemical Physics</i> , 2019, 150, 104301.	1.2	10
44	Synthesis of N -unsubstituted cycloalkylimines containing a 4 to 8-membered ring. <i>Chemical Communications</i> , 2019, 55, 5647-5650.	2.2	5
45	Photochemistry of XCH_2CN ($\text{X} = \text{Cl}, \text{SH}$) in Argon Matrices. <i>Journal of Physical Chemistry A</i> , 2019, 123, 3818-3830.	1.1	3
46	A Comprehensive Spectral Rotational Analysis of the Interstellar Methyl Isocyanate CH_3NCO . <i>Astrophysical Journal, Supplement Series</i> , 2019, 245, 31.	3.0	5
47	Single photon ionization of methyl isocyanide and the subsequent unimolecular decomposition of its cation: experiment and theory. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 26017-26026.	1.3	5
48	Alkylation of uracil and thymine in the gas phase through interaction with alkylmercury compounds. <i>International Journal of Mass Spectrometry</i> , 2019, 436, 153-165.	0.7	5
49	Isoselenocyanates versus Isothiocyanates and Isocyanates. <i>Journal of Physical Chemistry A</i> , 2018, 122, 2894-2905.	1.1	6
50	Internal Rotation of OH Group in 4-Hydroxy-2-butyne nitrile Studied by Millimeter-Wave Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2018, 122, 3163-3169.	1.1	14
51	Laboratory spectroscopy of methoxymethanol in the millimeter-wave range. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 5509-5516.	1.3	21
52	Low Temperature Synthesis and Phosphorescence of Methylcyanotriacetylene. <i>Journal of Physical Chemistry A</i> , 2018, 122, 89-99.	1.1	7
53	Submillimeter wave spectroscopy of ethyl isocyanide and its searches in Orion. <i>Astronomy and Astrophysics</i> , 2018, 610, A44.	2.1	7
54	Conformational preferences of Criegee intermediates: Isopropyl substituted carbonyl oxide. <i>Journal of Chemical Physics</i> , 2018, 149, 084309.	1.2	12

#	ARTICLE	IF	CITATIONS
55	Glycinamide, a Glycine Precursor, Caught in the Gas Phase: A Laser-ablation Jet-cooled Rotational Study. <i>Astrophysical Journal</i> , 2018, 861, 70.	1.6	10
56	Stability of CH ₃ NCO in Astronomical Ices under Energetic Processing: A Laboratory Study. <i>Astrophysical Journal</i> , 2018, 861, 61.	1.6	11
57	Reduction of C=O functional groups through H addition reactions: a comparative study between H ₂ CO + H, CH ₃ CH ₂ CHO + H and CH ₃ OCHO + H under interstellar conditions. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 19971-19978.	1.3	10
58	Synthesis and Electronic Phosphorescence of Dicyanooctatetrayne (NC ₁₀ N) in Cryogenic Matrixes. <i>Journal of Physical Chemistry A</i> , 2018, 122, 5580-5588.	1.1	3
59	Probing the conformational behavior of the doubly substituted methyl-ethyl Criegee intermediate by FTMW spectroscopy. <i>Journal of Chemical Physics</i> , 2017, 146, 174304.	1.2	20
60	Luminescent probing of the simplest chiral α-amino acid—alanine in an enantiopure and racemic state. <i>Chirality</i> , 2017, 29, 332-339.	1.3	0
61	Transfer of Asymmetry between Proteinogenic Amino Acids under Harsh Conditions. <i>Origins of Life and Evolution of Biospheres</i> , 2017, 47, 371-379.	0.8	1
62	Cryogenic Photochemical Synthesis and Electronic Spectroscopy of Cyanotetracetylene. <i>Journal of Physical Chemistry A</i> , 2017, 121, 7374-7384.	1.1	11
63	Reduction of unsaturated compounds under interstellar conditions: chemoselective reduction of C=C and C=C bonds over C=O functional group. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 4592-4600.	1.6	14
64	One-step synthesis of conjugated enynenitriles from bromocyanoacetylene. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 6050-6056.	1.5	4
65	Laboratory study of methyl isocyanate ices under astrophysical conditions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 4222-4230.	1.6	9
66	ALMA Detection of Interstellar Methoxymethanol (CH ₃ OCH ₂ OH). <i>Astrophysical Journal Letters</i> , 2017, 851, L46.	3.0	66
67	Submillimeter spectra of 2-hydroxyacetonitrile (glycolonitrile; HOCH ₂ CN) and its searches in GBT PRIMOS observations of Sgr B2(N). <i>Astronomy and Astrophysics</i> , 2017, 601, A50.	2.1	24
68	Relative stability and proton transfer reactions of unsaturated isocyanides and cyanides. <i>Journal of Physical Organic Chemistry</i> , 2016, 29, 452-459.	0.9	4
69	Gas-Phase Infrared Spectroscopy of Substituted Cyanobutadiynes: Roles of the Bromine Atom and Methyl Group as Substituents. <i>ChemPhysChem</i> , 2016, 17, 1018-1024.	1.0	8
70	Fourier-transform microwave spectroscopy of a halogen substituted Criegee intermediate ClCHOO. <i>Journal of Chemical Physics</i> , 2016, 145, 184304.	1.2	32
71	Conformational analysis of ethyl-substituted Criegee intermediate by FTMW spectroscopy. <i>Journal of Chemical Physics</i> , 2016, 145, 224314.	1.2	16
72	Synthesis, Chemistry, and Photochemistry of Methylcyanobutadiyne in the Context of Space Science. <i>Journal of Organic Chemistry</i> , 2016, 81, 3560-3567.	1.7	10

#	ARTICLE	IF	CITATIONS
73	Is the Reaction of C_3N^+ with C_2H_2 a Possible Process for Chain Elongation in Titan's Ionosphere?. <i>Journal of Physical Chemistry A</i> , 2016, 120, 5337-5347.	1.1	7
74	Excited electronic structure of methylcyanoacetylene probed by VUV Fourier-transform absorption spectroscopy. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2016, 182, 286-295.	1.1	3
75	MILLIMETER WAVE SPECTRUM AND ASTRONOMICAL SEARCH FOR VINYL FORMATE. <i>Astrophysical Journal</i> , 2016, 832, 42.	1.6	6
76	Metallic cyanoacetylides of copper, silver and gold: generation and structural characterization. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 28538-28547.	1.3	3
77	Low-Temperature Reactivity of C_2N^+ Anions with Polar Molecules. <i>Journal of Physical Chemistry Letters</i> , 2016, 7, 2957-2961.	2.1	12
78	An experimental study of the reactivity of CN^- and C_3N^- anions with cyanoacetylene (HC_3N). <i>Icarus</i> , 2016, 268, 242-252.	1.1	11
79	Microwave and Quantum Chemical Study of Intramolecular Hydrogen Bonding in 2-Propynylhydrazine ($HC\equiv CCH_2NHNH_2$). <i>Journal of Physical Chemistry A</i> , 2016, 120, 4071-4078.	1.1	1
80	Rotational Spectrum, Conformational Composition, Intramolecular Hydrogen Bonding, and Quantum Chemical Calculations of Mercaptoacetonitrile ($HSCH_2CN$), a Compound of Potential Astrochemical Interest. <i>Journal of Physical Chemistry A</i> , 2016, 120, 1992-2001.	1.1	6
81	Elusive anion growth in Titan's atmosphere: Low temperature kinetics of the C_3N^+ + HC_3N reaction. <i>Icarus</i> , 2016, 271, 194-201.	1.1	14
82	Microwave and Quantum Chemical Study of Intramolecular Hydrogen Bonding in 2-Propenylhydrazine ($H_2C=CHCH_2NHNH_2$). <i>Journal of Physical Chemistry A</i> , 2016, 120, 407-416.	1.1	1
83	The Electronic Structure of Some Cyanohydrins...Spectroscopically Underinvestigated Family of Compounds. <i>ChemPhysChem</i> , 2015, 16, 3660-3671.	1.0	3
84	Straightforward Synthesis of 5-Bromopenta-2,4-dienitrile and Its Reactivity Towards Terminal Alkynes: A Direct Access to Diene and Benzofulvene Scaffolds. <i>Chemistry - A European Journal</i> , 2015, 21, 6042-6047.	1.7	21
85	Millimeter and submillimeter wave spectra of mono- ^{13}C -acetaldehydes. <i>Astronomy and Astrophysics</i> , 2015, 579, A46.	2.1	13
86	High temperature sublimation of α -amino acids: a realistic prebiotic process leading to large enantiomeric excess. <i>Chemical Communications</i> , 2015, 51, 7054-7057.	2.2	15
87	Conformational Properties of cis- and trans-N-Cyclopropylformamide Studied by Microwave Spectroscopy and Quantum Chemical Calculations. <i>Journal of Physical Chemistry A</i> , 2015, 119, 3375-3383.	1.1	3
88	New reactivity of 6,6-bis-donor-substituted pentafulvenes: one-step synthesis of highly substituted [3]cumulene and dihydropentalene. <i>Tetrahedron</i> , 2015, 71, 4393-4399.	1.0	13
89	Gas-Phase Infrared Spectra of Three Compounds of Astrochemical Interest: Vinyl, Allenyl, and Propargyl Isocyanides. <i>ChemPhysChem</i> , 2015, 16, 848-854.	1.0	8
90	Proton transfer reactions of hydrazine-boranes. <i>Journal of Physical Organic Chemistry</i> , 2015, 28, 244-249.	0.9	11

#	ARTICLE	IF	CITATIONS
91	High-Resolution Millimeter Wave Spectroscopy and Ab Initio Calculations of Aminomalononitrile. <i>Journal of Physical Chemistry A</i> , 2015, 119, 1048-1054.	1.1	6
92	Microwave and Quantum-Chemical Study of Conformational Properties and Intramolecular Hydrogen Bonding of 2-Hydroxy-3-Butynenitrile ($\text{HC}\equiv\text{CCH}(\text{OH})\text{N}$). <i>Journal of Physical Chemistry A</i> , 2015, 119, 634-640.	1.1	3
93	Formation of fulvene in the reaction of C_2H with 1,3-butadiene. <i>International Journal of Mass Spectrometry</i> , 2015, 378, 232-245.	0.7	16
94	Photoionization spectroscopy of $\text{CH}_3\text{C}_3\text{N}$ in the vacuum-ultraviolet range. <i>Journal of Molecular Spectroscopy</i> , 2015, 315, 206-216.	0.4	7
95	VUV photoionization and dissociative photoionization spectroscopy of the interstellar molecule aminoacetonitrile: Theory and experiment. <i>Journal of Molecular Spectroscopy</i> , 2015, 315, 196-205.	0.4	7
96	Ring Planarity Problem of 2-Oxazoline Revisited Using Microwave Spectroscopy and Quantum Chemical Calculations. <i>Journal of Physical Chemistry A</i> , 2015, 119, 4875-4884.	1.1	1
97	Attrition-induced spontaneous chiral amplification of the β^3 polymorphic modification of glycine. <i>CrystEngComm</i> , 2015, 17, 1513-1517.	1.3	17
98	Vibronic structure of the ^2u ground electronic state of dicyanoacetylene cation revisited by PFI-ZEKE photoelectron spectroscopy and <i>ab initio</i> calculations. <i>Molecular Physics</i> , 2015, 113, 3946-3954.	0.8	7
99	Structure, spectroscopy, and thermal decomposition of 5-chloro-1,2,3,4-thiaziazole: a He I photoelectron, infrared, and quantum chemical study. <i>Structural Chemistry</i> , 2015, 26, 1603-1610.	1.0	3
100	Microwave and Quantum Chemical Study of the Hydrazino Group as Proton Donor in Intramolecular Hydrogen Bonding of (2-Fluoroethyl)hydrazine ($\text{FCH}_2\text{CH}_2\text{NHNH}_2$). <i>Journal of Physical Chemistry A</i> , 2015, 119, 9252-9261.	1.1	4
101	Gas phase dicyanoacetylene (C_4N_2) on Titan: New experimental and theoretical spectroscopy results applied to Cassini CIRS data. <i>Icarus</i> , 2015, 248, 340-346.	1.1	39
102	Acidity enhancement of unsaturated bases of group 15 by association with borane and beryllium dihydride. Unexpected boron and beryllium Brønsted acids. <i>Dalton Transactions</i> , 2015, 44, 1193-1202.	1.6	17
103	THz spectroscopy and first ISM detection of excited torsional states of ^{13}C -methyl formate. <i>Astronomy and Astrophysics</i> , 2014, 568, A58.	2.1	18
104	Generation and structural characterization of aluminum cyanoacetylidyne. <i>Journal of Chemical Physics</i> , 2014, 141, 104305.	1.2	13
105	Functionalised 1-Alkynylarsines: Synthesis, Characterisation, and Attempts of Rearrangement into Functionalised Arsaalkynes. <i>Australian Journal of Chemistry</i> , 2014, 67, 1357.	0.5	1
106	Synthesis and spectroscopy of cyanotriacetylene (HC_7N) in solid argon. <i>Journal of Chemical Physics</i> , 2014, 140, 044329.	1.2	15
107	VUV photoionization and dissociative photoionization of the prebiotic molecule acetyl cyanide: Theory and experiment. <i>Journal of Chemical Physics</i> , 2014, 141, 134311.	1.2	8
108	On the Structures, Lifetimes, and Infrared Spectra of Alkylmercury Hydrides. <i>ChemPhysChem</i> , 2014, 15, 530-541.	1.0	3

#	ARTICLE	IF	CITATIONS
109	Low temperature reaction kinetics of $\text{CN}^{\bullet} + \text{HC}_3\text{N}$ and implications for the growth of anions in Titan's atmosphere. <i>Icarus</i> , 2014, 227, 123-131.	1.1	31
110	Synthesis, Microwave Spectrum, Quantum Chemical Calculations, and Conformational Composition of the Novel Compound Cyclopropylethylidynephosphine ($\text{C}_3\text{H}_5\text{CH}_2\text{C}\equiv\text{P}$). <i>Journal of Physical Chemistry A</i> , 2014, 118, 9994-10001.	1.1	1
111	Microwave Spectrum and Conformational Composition of (Azidomethyl)cyclopropane ($\text{C}_3\text{H}_5\text{CH}_2\text{N}_3$). <i>Journal of Physical Chemistry A</i> , 2014, 118, 6971-6978.	1.1	0
112	Microwave Spectrum, Conformational Composition, and Dipole Moment of (Fluoromethyl)cyclopropane ($\text{C}_3\text{H}_5\text{CH}_2\text{F}$). <i>Journal of Physical Chemistry A</i> , 2014, 118, 2344-2352.	1.1	3
113	Microwave Spectrum and Intramolecular Hydrogen Bonding of 2-Isocyanoethanol ($\text{HOCH}_2\text{CH}_2\text{N}\equiv\text{C}$). <i>Journal of Physical Chemistry A</i> , 2014, 118, 3120-3127.	1.1	4
114	Microwave Spectrum and Conformational Properties of 4-Isocyano-1-butene ($\text{H}_2\text{C}=\text{CHCH}_2\text{CH}_2\text{N}\equiv\text{C}$). <i>Journal of Physical Chemistry A</i> , 2014, 118, 1413-1419.	1.1	17
115	High-Yield Formation of Substituted Tetracyanobutadienes from Reaction of Ynamides with Tetracyanoethylene. <i>Chemistry - A European Journal</i> , 2014, 20, 9553-9557.	1.7	48
116	Synthesis, Microwave Spectrum, Quantum Chemical Calculations, and Conformational Composition of a Novel Primary Phosphine, Cyclopropylethynylphosphine, ($\text{C}_3\text{H}_5\text{C}\equiv\text{CPH}_2$). <i>Journal of Physical Chemistry A</i> , 2014, 118, 9419-9428.	1.1	1
117	Rotational spectrum of 4-methylcyanoallene ($\text{CH}_3\text{CH}=\text{C}=\text{CH}-\text{CN}$), a chiral molecule of potential astrochemical interest. <i>Astronomy and Astrophysics</i> , 2014, 564, A82.	2.1	2
118	Microwave Spectrum and Conformational Properties of 4-Isocyano-1-butyne ($\text{HC}\equiv\text{CCH}_2\text{CH}_2\text{N}\equiv\text{C}$). <i>Journal of Physical Chemistry A</i> , 2013, 117, 10304-10310.	1.1	4
119	Partial Sublimation of Enantioenriched Amino Acids at Low Temperature. Is it Coming From the Formation of a Euatmotic Composition1 of the Gaseous Phase?. <i>Journal of Organic Chemistry</i> , 2013, 78, 10530-10533.	1.7	19
120	Accurate Semiexperimental Structure of 1,3,4-Oxadiazole by the Mixed Estimation Method. <i>Journal of Physical Chemistry A</i> , 2013, 117, 2278-2284.	1.1	17
121	Gas phase acidities of N-substituted amine-boranes. <i>Journal of Molecular Modeling</i> , 2013, 19, 5089-5095.	0.8	4
122	Synthesis, Microwave Spectrum, and Conformational Properties of 2-Fluoroethyl Azide ($\text{FCH}_2\text{CH}_2\text{N}_3$). <i>Journal of Physical Chemistry A</i> , 2013, 117, 1935-1940.	1.1	3
123	Deracemization of Amino Acids by Partial Sublimation and via Homochiral Self-Organization. <i>Origins of Life and Evolution of Biospheres</i> , 2013, 43, 129-135.	0.8	12
124	Microwave Spectrum, Conformational Properties, and Dipole Moment of Cyclopropylmethyl Isocyanide ($\text{C}_3\text{H}_5\text{CH}_2\text{NC}$). <i>Journal of Physical Chemistry A</i> , 2013, 117, 5073-5081.	1.1	6
125	Low Temperature Rate Coefficients for the Reaction $\text{CN} + \text{HC}_3\text{N}$. <i>Journal of Physical Chemistry A</i> , 2013, 117, 12155-12164.	1.1	20
126	Conformational preferences of $\text{RCH}_2\text{CH}_2\text{CN}$ ($\text{R} = \text{CH}_3, \text{F}, \text{Cl}$) cyanides and their corresponding isocyanides. <i>Structural Chemistry</i> , 2013, 24, 1789-1798.	1.0	3

#	ARTICLE	IF	CITATIONS
127	Trimethylaluminum and Borane Complexes of Primary Amines. <i>Inorganic Chemistry</i> , 2013, 52, 346-354.	1.9	6
128	Ionization photophysics and spectroscopy of dicyanoacetylene. <i>Journal of Chemical Physics</i> , 2013, 139, 184304.	1.2	9
129	THE CM-, MM-, AND SUB-MM-WAVE SPECTRUM OF ALLYL ISOCYANIDE AND RADIOASTRONOMICAL OBSERVATIONS IN ORION KL AND THE SgrB2 LINE SURVEYS. <i>Astrophysical Journal</i> , 2013, 777, 120.	1.6	13
130	THE FIRST ASTROPHYSICAL DETECTION, TERAHERTZ SPECTRUM, AND DATABASE FOR THE MONODEUTERATED SPECIES OF METHYL FORMATE HCOOCH ₂ D. <i>Astrophysical Journal</i> , 2013, 779, 119.	1.6	25
131	Rotational spectrum of ethyl cyanoacetylene (C ₂ H ₅ C≡C≡N), a compound of potential astrochemical interest. <i>Astronomy and Astrophysics</i> , 2013, 558, A6.	2.1	5
132	Millimeter- and submillimeter-wave spectrum of methyleneaminoacetonitrile. <i>Astronomy and Astrophysics</i> , 2013, 559, A44.	2.1	4
133	The extended spectroscopic database for deuterated species of formamide up to 1 THz. <i>Astronomy and Astrophysics</i> , 2013, 549, A128.	2.1	7
134	Methylcyanobutadiyne: Synthesis, X-ray Structure and Photochemistry; Towards an Explanation of Its Formation in the Interstellar Medium. <i>Chemistry - A European Journal</i> , 2013, 19, 17683-17686.	1.7	12
135	Infrared Spectra of Cyanoacetaldehyde (NCCH ₂ CHO): A Potential Prebiotic Compound of Astrochemical Interest. <i>ChemPhysChem</i> , 2013, 14, 2764-2771.	1.0	7
136	New generation mirror systems for the ESRF upgrade beamlines. <i>Journal of Physics: Conference Series</i> , 2013, 425, 052015.	0.3	4
137	Extension of the millimeter- and submillimeter-wave spectral databases of deuterated methyl cyanides (CH ₂ DCN and CHD ₂ CN). <i>Astronomy and Astrophysics</i> , 2013, 553, A84.	2.1	15
138	Hydroxyacetonitrile (HOCH ₂ CN) as a precursor for formylcyanide (CHOCN), ketenimine (CH ₂ CNH), and cyanogen (NCCN) in astrophysical conditions. <i>Astronomy and Astrophysics</i> , 2013, 549, A93.	2.1	13
139	Mono-deuterated dimethyl ether: laboratory spectrum up to 1 THz. <i>Astronomy and Astrophysics</i> , 2013, 552, A117.	2.1	25
140	VUV spectroscopy and photochemistry of five interstellar and putative prebiotic molecules. <i>EAS Publications Series</i> , 2012, 58, 301-306.	0.3	2
141	The submillimeter spectrum of deuterated glycolaldehydes. <i>Astronomy and Astrophysics</i> , 2012, 540, A51.	2.1	11
142	Microwave and submillimeter spectroscopy and first ISM detection of ¹⁸ O-methyl formate. <i>Astronomy and Astrophysics</i> , 2012, 538, A119.	2.1	43
143	The submillimeter-wave spectrum of the doubly deuterated species of methyl formate HCOOCD ₂ H. <i>Astronomy and Astrophysics</i> , 2012, 543, A46.	2.1	11
144	Synthesis and Microwave Spectrum of Vinyl Isoselenocyanate (H ₂ C=CHNCSe), a Compound with a Quasilinear CNCSe Chain. <i>Journal of Physical Chemistry A</i> , 2012, 116, 4074-4081.	1.1	5

#	ARTICLE	IF	CITATIONS
145	Can an Amine Be a Stronger Acid than a Carboxylic Acid? The Surprisingly High Acidity of Amine-Borane Complexes. <i>Chemistry - A European Journal</i> , 2012, 18, 15699-15705.	1.7	21
146	Generation of C_5N and C_5N molecules. <i>Journal of Molecular Structure</i> , 2012, 1025, 140-146.	1.8	14
147	Rotational Spectrum and Conformational Composition of Cyanoacetaldehyde, a Compound of Potential Prebiotic and Astrochemical Interest. <i>Journal of Physical Chemistry A</i> , 2012, 116, 4047-4056.	1.1	11
148	Rotational spectrum of a chiral amino acid precursor, 2-aminopropionitrile, and searches for it in Sagittarius B2(N). <i>Astronomy and Astrophysics</i> , 2012, 538, A51.	2.1	19
149	High Resolution Millimeter-Wave Spectroscopy of Cyclopropylphosphine-Borane. <i>Journal of Physical Chemistry A</i> , 2012, 116, 1565-1570.	1.1	0
150	Acetaldehyde Solid State Reactivity at Low Temperature: Formation of the Acetaldehyde Ammonia Trimer. <i>Journal of Physical Chemistry A</i> , 2012, 116, 2225-2233.	1.1	22
151	Microwave Spectrum and Conformational Composition of 3-Fluoropropionitrile (FCH ₂ CH ₂ CN). <i>Journal of Physical Chemistry A</i> , 2012, 116, 1015-1022.	1.1	3
152	Microwave Spectra and Barriers to Internal Rotation of <i>Z</i> - and <i>E</i> -1-Propenyl Isocyanide. <i>Journal of Physical Chemistry A</i> , 2012, 116, 8833-8839.	1.1	7
153	Synthesis, High-Resolution Millimeter-Wave Spectroscopy, and Ab Initio Calculations of Ethylmercury Hydride. <i>Journal of Physical Chemistry A</i> , 2012, 116, 5405-5409.	1.1	8
154	The submillimeter-wave spectrum of diisocyanomethane. <i>Astronomy and Astrophysics</i> , 2012, 544, A82.	2.1	6
155	Dihydrogen Generation from Amine/Boranes: Synthesis, FT-IR, and Computational Studies. <i>Chemistry - A European Journal</i> , 2012, 18, 3981-3991.	1.7	38
156	On the Origin of the Enhanced Acidity of Chalcocyclopentadienes (Cyclopentadiene Chalcogenols) in the Gas Phase. <i>ChemPhysChem</i> , 2012, 13, 1167-1172.	1.0	3
157	Inside Cover: On the Origin of the Enhanced Acidity of Chalcocyclopentadienes (Cyclopentadiene) $T_{J,ETQq1} = 1.0784314$ $rgBT_0$ Overlo	1.0	
158	Anharmonic treatment of vibrational resonance polyads in the diborane: a critical case for numerical methods. <i>Theoretical Chemistry Accounts</i> , 2012, 131, 1.	0.5	9
159	Frequency and intensity analyses of the far infrared ν_5 band system of cyanogen (C ₂ N ₂) and applications to Titan. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2012, 113, 1195-1219.	1.1	6
160	Are Unsaturated Isocyanides so Different from the Corresponding Nitriles?. <i>ChemPhysChem</i> , 2012, 13, 226-236.	1.0	23
161	Analysis of the terahertz rotational spectrum of the three mono- ¹³ C ethyl cyanides (¹³ C-CH ₂ -CH ₂ -CN). <i>Astronomy and Astrophysics</i> , 2012, 543, A135.	2.1	10
162	New vibrational assignments for the ν_{17} vibrational modes of aziridine and first analysis of the high-resolution infrared spectrum of aziridine between 720 and 1050 cm^{-1} . <i>Molecular Physics</i> , 2011, 109, 2153-2161.	0.8	4

#	ARTICLE	IF	CITATIONS
163	Stability trends and tautomerization of chalcocyclopentadienes. The role of aromaticity. <i>New Journal of Chemistry</i> , 2011, 35, 2713.	1.4	4
164	Synthesis, Microwave Spectrum, and Dipole Moment of Allenylisocyanide ($H_2C=C=C\cdot CHNC$), a Compound of Potential Astrochemical Interest. <i>Journal of Physical Chemistry A</i> , 2011, 115, 7978-7983.	1.1	13
165	Microwave Spectrum and Conformational Composition of 2-Fluoroethylisocyanide. <i>Journal of Physical Chemistry A</i> , 2011, 115, 9192-9198.	1.1	12
166	Microwave Spectrum and Conformational Composition of 2-Chloroethylisocyanide. <i>Journal of Physical Chemistry A</i> , 2011, 115, 13474-13481.	1.1	8
167	Microwave Spectrum, Conformational Composition, and Intramolecular Hydrogen Bonding of (2-Chloroethyl)amine ($ClCH_2CH_2NH_2$). <i>Journal of Physical Chemistry A</i> , 2011, 115, 4334-4341.	1.1	6
168	Organic synthesis applied to space sciences. <i>EPJ Web of Conferences</i> , 2011, 18, 06004.	0.1	1
169	Experimental investigation of aminoacetonitrile formation through the Strecker synthesis in astrophysical-like conditions: reactivity of methanimine ($CH_2=NH$), ammonia (NH_3), and hydrogen cyanide (HCN). <i>Astronomy and Astrophysics</i> , 2011, 535, A47.	2.1	74
170	Kinetic studies at room temperature of the cyanide anion CN^- with cyanoacetylene (HC_3N) reaction. <i>Icarus</i> , 2011, 211, 901-905.	1.1	13
171	Reinvestigation of the microwave and new high resolution far-infrared spectra of cis-methyl nitrite, CH_3ONO : Rotational study of the two first torsional states. <i>Journal of Molecular Spectroscopy</i> , 2011, 267, 92-99.	0.4	4
172	Hydrogenation of solid hydrogen cyanide HCN and methanimine $CH_2=NH$ at low temperature. <i>Astronomy and Astrophysics</i> , 2011, 534, A64.	2.1	105
173	Organic Selenocyanates: Synthesis, Characterization and Uses in Chemistry and Biology. <i>Current Organic Chemistry</i> , 2011, 15, 1670-1687.	0.9	22
174	Attempts to explain the self-disproportionation observed in the partial sublimation of enantiomerically enriched carboxylic acids. <i>Journal of Fluorine Chemistry</i> , 2010, 131, 545-548.	0.9	32
175	Centrifugal distortion analysis of the rotational spectrum of aziridine: Comparison of different Hamiltonians. <i>Journal of Molecular Spectroscopy</i> , 2010, 264, 94-99.	0.4	39
176	Molecular structures of vinylarsine, vinylchloroarsine and arsine studied by gas-phase electron diffraction and quantum chemical calculations. <i>Journal of Molecular Structure</i> , 2010, 978, 26-34.	1.8	4
177	Temperature-dependent photoabsorption cross section of cyanodiacetylene in the vacuum UV. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	7
178	Microwave Spectrum and Intramolecular Hydrogen Bonding of Propargyl Selenol ($HC\equiv CCH_2SeH$). <i>Journal of Physical Chemistry A</i> , 2010, 114, 5537-5543.	1.1	16
179	First High Resolution Spectroscopic Studies and Ab Initio Calculations of Ethanetellurol. <i>Journal of Physical Chemistry A</i> , 2010, 114, 2794-2798.	1.1	7
180	High Resolution Millimeter-Wave Spectroscopy of Vinyltellurol. <i>Journal of Physical Chemistry A</i> , 2010, 114, 12202-12207.	1.1	4

#	ARTICLE	IF	CITATIONS
181	Microwave Spectrum, and Conformational Composition of (Chloromethyl)phosphine (ClCH ₂ PH ₂). Journal of Physical Chemistry A, 2010, 114, 10612-10618.	1.1	4
182	Microwave and Quantum Chemical Study of Propargyl Thiocyanate (HC≡CCH ₂ SC≡N). Journal of Physical Chemistry A, 2010, 114, 2300-2305.	1.1	2
183	Molecular Structure of Trichloroethenylgermane, CH ₂ =CH-GeCl ₃ , as Studied by Gas-Phase Electron Diffraction. Experimental Determination of the Barrier of Internal Rotation of the Trichlorogermyl Group Supplemented with Quantum Chemical Calculations on CH ₂ =CH-MX ₃ (M = C, Si, Ge, Sn, and X = H, Cl, Br, I). J. Phys. Chem. A, 2010, 114, 10612-10618.	1.1	0
184	Differences Between Amine- and Phosphine-Boranes: Synthesis, Photoelectron Spectroscopy, and Quantum Chemical Study of the Cyclopropylic Derivatives. Inorganic Chemistry, 2010, 49, 4854-4864.	1.9	28
185	Electronic absorption and phosphorescence of cyanodiacetylene. Journal of Chemical Physics, 2010, 133, 074310.	1.2	22
186	The role of hyperconjugative π-aromaticity in the enhanced acidity of methyl-, silyl and germylcyclopentadienes. Molecular Physics, 2010, 108, 2467-2476.	0.8	7
187	Looking for heteroaromatic rings and related isomers as interstellar candidates. Physical Chemistry Chemical Physics, 2010, 12, 4165.	1.3	25
188	A simple explanation of the enhancement or depletion of the enantiomeric excess in the partial sublimation of enantiomerically enriched amino acids. Chemical Communications, 2010, 46, 1482.	2.2	37
189	Are cyclopentadienylberyllium, magnesium and calcium hydrides carbon or metal acids in the gas phase?. Dalton Transactions, 2010, 39, 4593.	1.6	11
190	Infrared Spectra of a Species of Potential Prebiotic and Astrochemical Interest: Cyanoethenethiol (NC≡CH=CHSH). Journal of Physical Chemistry A, 2010, 114, 9583-9588.	1.1	8
191	Rotational spectrum of ¹³ C ₂ -methyl formate (HCOO ¹³ CH ₃) and detection of the two ¹³ C-methyl formate in Orion. Astronomy and Astrophysics, 2009, 500, 1109-1118.	2.1	55
192	The Ever-Surprising Chemistry of Boron: Enhanced Acidity of Phosphine-Boranes. Chemistry - A European Journal, 2009, 15, 4622-4629.	1.7	54
193	Equilibrium CAs and CSb bond lengths. Journal of Molecular Structure, 2009, 930, 21-25.	1.8	4
194	The microwave spectrum of the mono deuterated species of methyl formate. Journal of Molecular Spectroscopy, 2009, 254, 55-68.	0.4	26
195	Vibrational spectra of vinylarsine: A joint IR experimental and anharmonic theoretical study. Chemical Physics Letters, 2009, 480, 31-36.	1.2	9
196	Gas-Phase Infrared Spectra of Vinyl Selenol and Vinyl Tellurol. Journal of Physical Chemistry A, 2009, 113, 12857-12863.	1.1	7
197	Primary Phosphines Studied by Gas-Phase Electron Diffraction and Quantum Chemical Calculations. Are They Different from Amines?. Inorganic Chemistry, 2009, 48, 8603-8612.	1.9	19
198	Microwave Spectrum and Intramolecular Hydrogen Bonding of 2-Propene-1-selenol (H ₂ C=CHCH ₂ SeH). Journal of Physical Chemistry A, 2009, 113, 6342-6347.	1.1	13

#	ARTICLE	IF	CITATIONS
199	Microwave and Quantum Chemical Study of Propargyl Selenocyanate ($\text{HC}\equiv\text{CCH}_2\text{SeCN}$). Journal of Physical Chemistry A, 2009, 113, 2821-2825.	1.1	4
200	$\hat{\text{I}}^2$ -Heterosubstituted Acrylonitriles $\hat{\text{I}}^2$ Electronic Structure Study by UV-Photoelectron Spectroscopy and Quantum Chemical Calculations. Journal of Physical Chemistry A, 2009, 113, 2387-2396.	1.1	19
201	Microwave Spectrum, Structure, Barrier to Internal Rotation, and Dipole Moment of the Aziridine-Borane Complex ($\text{C}_2\text{H}_5\text{N}\hat{\text{I}}\text{BH}_3$). Journal of Physical Chemistry A, 2009, 113, 8337-8342.	1.1	9
202	Synthesis and Microwave Spectrum of (2-Chloroethyl)phosphine ($\text{ClCH}_2\text{CH}_2\text{PH}_2$). Journal of Physical Chemistry A, 2009, 113, 12904-12910.	1.1	14
203	Synthesis, Microwave Spectrum, and Conformational Equilibrium of Propa-1,2-dienethiol ($\text{H}_2\text{C}=\text{C}=\text{CHSH}$). Journal of Physical Chemistry A, 2009, 113, 5906-5911.	1.1	3
204	Enhanced acidity of cyclopenta-2,4-dienylborane and its Al and Ga analogues. The role of aromatization. Physical Chemistry Chemical Physics, 2009, 11, 8759.	1.3	6
205	Synthesis, photoelectron spectroscopy and quantum chemical study of kinetically unstabilized phosphines complexed by borane. Dalton Transactions, 2009, , 3526.	1.6	9
206	Synthesis, chemistry and photochemistry of cyanobutadiyne (HCCCCN). Advances in Space Research, 2008, 42, 2002-2007.	1.2	4
207	Ni^{++} reactions with aminoacetonitrile, a potential prebiological precursor of glycine. Journal of Mass Spectrometry, 2008, 43, 317-326.	0.7	9
208	Strong Dissimilarities Between the Gas-Phase Acidities of Saturated and $\hat{\text{I}}^2$ -Unsaturated Boranes and the Corresponding Alanes and Gallanes. Chemistry - A European Journal, 2008, 14, 2201-2208.	1.7	12
209	$\hat{\text{I}}^2$ -Unsaturated and Saturated Derivatives of Be, Mg, and Ca: Are They Carbon or Metal Acids in the Gas Phase?. Chemistry - A European Journal, 2008, 14, 10423-10429.	1.7	8
210	Methylidynearsine ($\text{HC}\equiv\text{As}$): synthesis and direct characterization by UV-photoelectron spectroscopy and mass spectrometry. Chemical Communications, 2008, , 4204.	2.2	18
211	A microwave spectroscopic and quantum chemical study of propa-1,2-dienyl selenocyanate ($\text{H}_2\text{C}=\text{C}=\text{CHSeCN}$) and cyclopropyl selenocyanate ($\text{C}_3\text{H}_5\text{SeCN}$). Physical Chemistry Chemical Physics, 2008, 10, 4138.	1.3	3
212	More user-friendly phosphines? Molecular structure of methylphosphine and its adduct with borane, studied by gas-phase electron diffraction and quantum chemical calculations. Dalton Transactions, 2008, , 5041.	1.6	11
213	A Microwave and Quantum Chemical Study of Cyclopropanethiol. Journal of Physical Chemistry A, 2008, 112, 4601-4607.	1.1	2
214	Functionalized Tellurols: Synthesis, Spectroscopic Characterization by Photoelectron Spectroscopy, and Quantum Chemical Study. Inorganic Chemistry, 2008, 47, 1502-1511.	1.9	18
215	Ni^{++} Reactions with Aminoacrylonitrile, A Species of Potential Astrochemical Relevance. Journal of Physical Chemistry A, 2008, 112, 10509-10515.	1.1	6
216	A Microwave and Quantum Chemical Study of Cyclopropaneselenol. Journal of Physical Chemistry A, 2008, 112, 8046-8052.	1.1	1

#	ARTICLE	IF	CITATIONS
217	A Quantum Chemical Study of the Generation of a Potential Prebiotic Compound, Cyanoacetaldehyde, and Related Sulfur Containing Species. <i>Journal of Physical Chemistry A</i> , 2008, 112, 11009-11016.	1.1	21
218	A Microwave Spectroscopic and Quantum Chemical Study of 3-Butyne-1-selenol ($\text{HSeCH}_2\text{CH}_2\text{C}\equiv\text{CH}$). <i>Journal of Physical Chemistry A</i> , 2008, 112, 3053-3060.	1.1	13
219	Vinylphosphine-borane: Synthesis, gas phase infrared spectroscopy, and quantum chemical vibrational calculations. <i>Journal of Chemical Physics</i> , 2008, 129, 224308.	1.2	11
220	Laboratory experiments as support to the built up of Titan's theoretical models and interpretation of Cassini-Huygens data. <i>Proceedings of the International Astronomical Union</i> , 2008, 4, 319-320.	0.0	0
221	A Microwave and Quantum Chemical Study of the Conformational Properties of Etheneselenocyanate ($\text{H}_2\text{CCHSeC}\equiv\text{N}$). <i>Journal of Physical Chemistry A</i> , 2007, 111, 7073-7080.	1.1	6
222	Vibrational Spectra of Cyclopentadienylphosphine: Infrared and Theoretical Studies from DFT Anharmonic Potentials. <i>Journal of Physical Chemistry A</i> , 2007, 111, 10961-10968.	1.1	8
223	Synthesis and Characterization of (E)- and (Z)-3-Mercapto-2-propenenitrile. Microwave Spectrum of the Z-Isomer. <i>Journal of Physical Chemistry A</i> , 2007, 111, 1259-1264.	1.1	26
224	Allenyl and Alkynyl Selenols and Selenocyanates. Synthesis, Spectroscopic Characterization, and Quantum Chemical Study. <i>Organometallics</i> , 2007, 26, 2507-2518.	1.1	30
225	Microwave and Quantum Chemical Study of Propa-1,2-dienyl Thiocyanate ($\text{H}_2\text{CCCHSC}\equiv\text{N}$). <i>Journal of Physical Chemistry A</i> , 2007, 111, 2542-2546.	1.1	6
226	NHC-containing chiral bidentate ligands: Synthesis and evaluation in enantioselective copper-catalyzed conjugate addition. <i>Chirality</i> , 2007, 19, 471-476.	1.3	41
227	Cyano substituent effects on enol and enethiol acidity and basicity: The protonation and deprotonation of 3-hydroxy-2-propenenitrile and its thio analogue. <i>International Journal of Mass Spectrometry</i> , 2007, 267, 125-133.	0.7	18
228	Infrared band intensities of cyanobutadiyne (HC_5N) between 400 and 4000cm^{-1} . <i>Journal of Molecular Spectroscopy</i> , 2007, 245, 109-114.	0.4	19
229	Microwave Spectrum of 3-Butyne-1-thiol: Evidence for Intramolecular $\text{S}\cdots\text{H}\cdots\text{S}$ Hydrogen Bonding. <i>Journal of Physical Chemistry A</i> , 2006, 110, 9370-9376.	1.1	27
230	Microwave Spectrum, Structure, and Quantum Chemical Studies of a Compound of Potential Astrochemical and Astrobiological Interest: Z -3-Amino-2-propenenitrile. <i>Journal of Physical Chemistry A</i> , 2006, 110, 12572-12584.	1.1	25
231	Structures of Vinylstannane (Ethenylstannane) and Allylstannane (2-Propenylstannane) Determined by Gas-Phase Electron Diffraction and Quantum Chemical Calculations. <i>Organometallics</i> , 2006, 25, 2626-2633.	1.1	15
232	The ground-state rotational spectrum and molecular geometry of ethynylstannane. <i>Physical Chemistry Chemical Physics</i> , 2006, 8, 2145.	1.3	2
233	Conformational Composition of Cyclopentadienylphosphine Investigated by Microwave Spectroscopy and Quantum Chemical Calculations. <i>Journal of Physical Chemistry A</i> , 2006, 110, 921-925.	1.1	52
234	Structures of 1,2-Propadienylgermane (Allenylgermane) and 1,2-Propadienylstannane (Allenylstannane) Determined by Gas-Phase Electron Diffraction and Quantum Chemical Calculations. <i>Organometallics</i> , 2006, 25, 2090-2096.	1.1	11

#	ARTICLE	IF	CITATIONS
235	Spectroscopic and Quantum Chemical Study of the Novel Compound Cyclopropylmethylselenol. <i>Journal of Physical Chemistry A</i> , 2006, 110, 2134-2138.	1.1	19
236	Protonation thermochemistry of aminoacetonitrile. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 1187-1191.	0.7	5
237	Molecular structure of propargylgermane (2-propynylgermane) determined by gas-phase electron diffraction and quantum chemical calculations. <i>Journal of Molecular Structure</i> , 2006, 780-781, 157-162.	1.8	7
238	IR band intensities of DC3N and HC315N: Implication for observations of Titan's atmosphere. <i>Planetary and Space Science</i> , 2006, 54, 635-640.	0.9	14
239	Submillimeterwave spectrum of CH ₂ PH and equilibrium structures of CH ₂ PH and CH ₂ NH. <i>Journal of Molecular Spectroscopy</i> , 2006, 238, 234-240.	0.4	22
240	Gas-Phase Protonation and Deprotonation of Acrylonitrile Derivatives Ni $\frac{1}{2}$ Ci $\frac{1}{2}$ CHi $\frac{3}{4}$ CHi $\frac{1}{4}$ X (X=CH ₃ , NH ₂), Tj ETQo 0 0 0 rBT /Overlo	1.7	17
241	Dynamische Gasphasen-/Festphasen-Reaktionen im Vakuum: N-Chlorierung primärer Amine und β -Eliminierung der entstehenden Chloramine; Synthese reaktiver (E)- und (Z)-Aldimine. <i>Angewandte Chemie</i> , 2006, 94, 715-715.	1.6	19
242	Structural and Conformational Properties of 2-Propenylgermane (Allylgermane) Studied by Microwave and Infrared Spectroscopy and Quantum Chemical Calculations. <i>Journal of Physical Chemistry A</i> , 2005, 109, 3822-3829.	1.1	10
243	Olefin metathesis in room temperature ionic liquids using imidazolium-tagged ruthenium complexes. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 3585-3599.	0.8	97
244	Design and synthesis of new bidentate alkoxy-NHC ligands for enantioselective copper-catalyzed conjugate addition. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 5237-5254.	0.8	144
245	New bidentate alkoxy-NHC ligands for enantioselective copper-catalysed conjugate addition. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 921-924.	1.8	111
246	Synthesis and Characterization of 2,4-Pentadienenitrile – A Key Compound in Space Science. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 7224-7226.	7.2	36
247	Acidity Trends in β -Unsaturated Sulfur, Selenium, and Tellurium Derivatives: Comparison with C-, Si-, Ge-, Sn-, N-, P-, As-, and Sb-Containing Analogues. <i>Chemistry - A European Journal</i> , 2005, 11, 2145-2153.	1.7	28
248	Ring-Closing Metathesis in Biphasic BMI – PF ₆ Ionic Liquid/Toluene Medium: A Powerful Recyclable and Environmentally Friendly Process.. <i>ChemInform</i> , 2005, 36, no-no.	0.1	0
249	New Bidentate Alkoxy-NHC Ligands for Enantioselective Copper-Catalyzed Conjugate Addition.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
250	Olefin Metathesis in Room Temperature Ionic Liquids Using Imidazolium-Tagged Ruthenium Complexes.. <i>ChemInform</i> , 2005, 36, no.	0.1	0
251	Structural and Conformational Properties of 1,2-Propadienylphosphine (Allenylphosphine) Studied by Microwave Spectroscopy and Quantum Chemical Calculations. <i>Journal of Physical Chemistry A</i> , 2005, 109, 115-121.	1.1	16
252	Spectroscopic and Quantum Chemical Study of Cyclopropylmethylphosphine, a Candidate for Intramolecular Hydrogen Bonding. <i>Journal of Physical Chemistry A</i> , 2005, 109, 7134-7139.	1.1	21

#	ARTICLE	IF	CITATIONS
253	Infrared Spectra of a Species of Astrochemical Interest: \hat{A} Aminoacrylonitrile (3-Amino-2-propenenitrile). <i>Journal of Physical Chemistry A</i> , 2005, 109, 4705-4712.	1.1	22
254	A theoretical study on the dimers of aminoacrylonitrile (3-amino-2-propenenitrile), a compound of astrochemical interest. <i>Arkivoc</i> , 2005, 2005, 239-252.	0.3	2
255	Design and synthesis of imidazolium salts derived from (l)-valine. Investigation of their potential in chiral molecular recognition. <i>Chemical Communications</i> , 2004, , 1224-1225.	2.2	108
256	Prebiotic, planetary and interstellar chemistry starting from compounds detected in the interstellar medium. <i>Advances in Space Research</i> , 2004, 33, 81-87.	1.2	19
257	First Synthesis and Characterization by Mass Spectrometry and UV-Photoelectron Spectroscopy of Methylenearsane. <i>Angewandte Chemie - International Edition</i> , 2004, 43, 873-875.	7.2	10
258	Ionization potentials of heteroalkenes: a comparative study. <i>Applied Organometallic Chemistry</i> , 2004, 18, 690-693.	1.7	4
259	Intramolecular Coupling of Acetylenic Groups of Bis(alkynyl)phosphanes and Silanes Mediated by Benzynezirconocene: A Route to New Mono- and Tricyclic Heterocycles.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
260	Design and Synthesis of Imidazolium Salts Derived from (L)-Valine. Investigation of Their Potential in Chiral Molecular Recognition.. <i>ChemInform</i> , 2004, 35, no.	0.1	0
261	Alkenyl Selenols and Selenocyanates: Synthesis, Spectroscopic Characterization by Photoelectron Spectroscopy, and Quantum Chemical Study. <i>Chemistry - A European Journal</i> , 2004, 10, 3649-3656.	1.7	31
262	Intramolecular coupling of acetylenic groups of bis(alkynyl)phosphanes and silanes mediated by benzynezirconocene: a route to new mono- and tricyclic heterocycles. <i>Tetrahedron</i> , 2004, 60, 1317-1327.	1.0	35
263	Ring-closing metathesis in biphasic BMI \hat{A} -PF ₆ ionic liquid/toluene medium: a powerful recyclable and environmentally friendly process. <i>Chemical Communications</i> , 2004, , 2282-2283.	2.2	78
264	Microwave Spectrum and Molecular Structure of Etheneselenol. <i>Journal of Physical Chemistry A</i> , 2004, 108, 47-52.	1.1	10
265	3-Buteneselenol The First Example of a Selenol with an Intramolecular Hydrogen Bond as Studied by Microwave Spectroscopy and Quantum Chemical Calculations. <i>Journal of Physical Chemistry A</i> , 2004, 108, 1403-1408.	1.1	22
266	Soluble Polymer Supported Asymmetric Synthesis (SPSAS). <i>ChemInform</i> , 2003, 34, no.	0.1	0
267	An Ionic Liquid Supported Ruthenium Carbene Complex: A Robust and Recyclable Catalyst for Ring-Closing Olefin Metathesis in Ionic Liquids.. <i>ChemInform</i> , 2003, 34, no.	0.1	0
268	Ultraviolet and infrared spectrum of C ₆ H ₂ revisited and vapor pressure curve in Titan's atmosphere. <i>Planetary and Space Science</i> , 2003, 51, 9-17.	0.9	34
269	An Ionic Liquid-Supported Ruthenium Carbene Complex: A Robust and Recyclable Catalyst for Ring-Closing Olefin Metathesis in Ionic Liquids. <i>Journal of the American Chemical Society</i> , 2003, 125, 9248-9249.	6.6	293
270	Is Allylphosphine a Carbon or a Phosphorus Base in the Gas Phase?. <i>European Journal of Mass Spectrometry</i> , 2003, 9, 245-255.	0.5	5

#	ARTICLE	IF	CITATIONS
271	Preparation of Soluble Polymeric Supports with a Functional Group for Liquid-Phase Organic Synthesis. <i>Synlett</i> , 2002, 2002, 0316-0318.	1.0	17
272	Structural and Conformational Properties of 2-Propenylphosphine (Allylphosphine) as Studied by Microwave Spectroscopy Supplemented by Quantum Chemical Calculations. <i>Journal of Physical Chemistry A</i> , 2002, 106, 11481-11487.	1.1	21
273	Synthesis and Characterization of Allylic and Propargylic Selenols. <i>Organometallics</i> , 2002, 21, 68-73.	1.1	52
274	Vibrational Spectra of Vinylarsine and Vinylstibine. An Experimental and Theoretical Study. <i>Journal of Physical Chemistry A</i> , 2002, 106, 6262-6270.	1.1	6
275	The Gas-Phase Acidity of HCP, CH ₃ CP, HCAs, and CH ₃ CAs: An Unexpected Enhanced Acidity of the Methyl Group. <i>Chemistry - A European Journal</i> , 2002, 8, 4919-4924.	1.7	29
276	Vinyl- and ethynylsilanes, -germanes and -stannanes. A new case of dissociative proton attachment. <i>Journal of Physical Organic Chemistry</i> , 2002, 15, 509-513.	0.9	12
277	Direct condensation of carboxylic acids with polyethylene glycols catalyzed by Sc(OTf) ₃ . <i>Tetrahedron Letters</i> , 2002, 43, 8335-8337.	0.7	6
278	Microwave Fourier transform spectroscopy of vinylstibine. <i>Physical Chemistry Chemical Physics</i> , 2001, 3, 2415-2418.	1.3	7
279	Structural and Conformational Properties of 2-Propynylphosphine (Propargylphosphine) As Studied by Microwave Spectroscopy Supplemented by Quantum Chemical Calculations. <i>Inorganic Chemistry</i> , 2001, 40, 3719-3724.	1.9	23
280	Acidity Trends in $\hat{1}\pm, \hat{1}^2$ -Unsaturated Alkanes, Silanes, Germanes, and Stannanes. <i>Journal of the American Chemical Society</i> , 2001, 123, 6353-6359.	6.6	43
281	A Simple Route to Kinetically Unstabilized Phosphaalkynes. <i>Journal of Organic Chemistry</i> , 2001, 66, 7864-7868.	1.7	57
282	Synthesis and Characterization of Primary Cyclopentadienylphosphines and Cyclopentadienylarsines. <i>Organometallics</i> , 2001, 20, 5405-5412.	1.1	14
283	Partial pressures and nature of products. Application to the photolysis of PH ₃ and NH ₃ in the atmosphere of jupiter and saturn. <i>Advances in Space Research</i> , 2001, 27, 245-253.	1.2	1
284	Vibrational Spectra, DFT Calculations, and Assignments of the syn and the gauche Forms of Vinylphosphine. <i>Journal of Molecular Spectroscopy</i> , 2001, 205, 252-260.	0.4	12
285	IR Spectrum of C ₈ H ₂ : Integrated Band Intensities and Some Observational Implications. <i>Journal of Molecular Spectroscopy</i> , 2001, 210, 191-195.	0.4	34
286	First synthesis and characterization of vinylselenols and vinyltellurols. <i>Chemical Communications</i> , 2000, , 1163-1164.	2.2	34
287	Report and implications of the first observation of C ₄ N ₂ in laboratory simulations of Titan's atmosphere. <i>Planetary and Space Science</i> , 1999, 47, 1433-1440.	0.9	35
288	Regio- and stereoselective allylic fluorination using chiral rhenium complexes. <i>Journal of Fluorine Chemistry</i> , 1999, 93, 171-173.	0.9	22

#	ARTICLE	IF	CITATIONS
289	Reactions of Allenyltri-n-butylstannane with Halides of Phosphorus, Arsenic, Antimony, Germanium, Tin, and Boron. Preparation of Propargylic and/or Allenic Derivatives. <i>Organometallics</i> , 1999, 18, 5259-5263.	1.1	32
290	Gas-Phase Basicity and Acidity Trends in $\hat{1},\hat{1}^2$ -Unsaturated Amines, Phosphines, and Arsines. <i>Journal of the American Chemical Society</i> , 1999, 121, 4653-4663.	6.6	47
291	Synthesis of Functionalized Deuterioallylic Compounds. <i>Journal of Organic Chemistry</i> , 1999, 64, 3563-3566.	1.7	12
292	Rotational Spectrum of Vinylarsine. <i>Journal of Molecular Spectroscopy</i> , 1998, 190, 365-371.	0.4	8
293	Regioselectivity of the Photochemical Addition of Ammonia, Phosphine, and Silane to Olefinic and Acetylenic Nitriles. <i>Chemistry - A European Journal</i> , 1998, 4, 1074-1082.	1.7	25
294	Regio- and Stereoselective Nucleophilic Substitutions of Chiral Allylic Alcohol Rhenium Complexes. <i>Chemistry - A European Journal</i> , 1998, 4, 2162-2172.	1.7	10
295	New chiral rhenium complexes of unsaturated alcohols: preparation and reactivity. <i>Journal of Organometallic Chemistry</i> , 1998, 567, 75-81.	0.8	10
296	Photoelectron spectra of vinyl- and 1-alkynylgermanes and stannanes. <i>Journal of Organometallic Chemistry</i> , 1998, 570, 175-182.	0.8	19
297	The gas-phase basicity of ethyl-, ethenyl- and ethynylphosphines and arsines. <i>International Journal of Mass Spectrometry and Ion Processes</i> , 1998, 175, 27-33.	1.9	7
298	Allylation of Phosphorus, Arsenic, and Antimony Trihalides by Allylic Stannanes. Synthesis, Spectroscopic Characterization, and Quantum Chemical Investigations of Allylic Phosphines, Arsines, and Stibines. <i>Journal of Organic Chemistry</i> , 1998, 63, 59-68.	1.7	33
299	Gas-Phase Basicities and Acidities of Ethyl-, Vinyl-, and Ethynylarsine. An Experimental and Theoretical Study. <i>Journal of Physical Chemistry A</i> , 1997, 101, 9525-9530.	1.1	28
300	Highly Regioselective Allylic Substitution Mediated by Chiral Rhenium Complexes. <i>Organometallics</i> , 1997, 16, 1822-1824.	1.1	4
301	Synthesis and Characterization of Allylic Dihaloboranes. <i>Organometallics</i> , 1997, 16, 5844-5848.	1.1	29
302	Regioselectivity of the photochemical addition of phosphine to unsaturated hydrocarbons in the atmospheres of Jupiter and Saturn. <i>Advances in Space Research</i> , 1997, 19, 1093-1102.	1.2	9
303	Vinylmercury Hydrides: Synthesis and Spectroscopic Characterization. <i>Inorganic Chemistry</i> , 1996, 35, 6586-6591.	1.9	20
304	Allenyl and Divinyl Phosphines, Arsines, and Stibines as Potential Precursors of the Corresponding 1- and 2-Phospha, 1- and 2-Arsa, and 1- and 2-Stiba Dienes. <i>Organometallics</i> , 1996, 15, 3466-3469.	1.1	18
305	Absolute IR Band Intensities of CH ₂ N ₂ , CH ₃ N ₃ , and CH ₃ NC in the 250-4300 cm ⁻¹ Region and Upper Limits of Abundance in Titan's Stratosphere. <i>Icarus</i> , 1996, 124, 318-328.	1.1	34
306	Experimentally Determined Structure of H ₂ SiO by Rotational Spectroscopy and Isotopic Substitution. <i>Journal of Molecular Spectroscopy</i> , 1996, 175, 421-428.	0.4	46

#	ARTICLE	IF	CITATIONS
307	Synthesis and reactivity of new chiral rhenium complexes of unsaturated alcohols. <i>Tetrahedron Letters</i> , 1996, 37, 1225-1228.	0.7	12
308	Temperature dependence of HC ₃ N, C ₆ H ₂ , and C ₄ N ₂ mid-UV absorption coefficients. Application to the interpretation of Titan's atmospheric spectra. <i>Astrophysics and Space Science</i> , 1996, 236, 85-95.	0.5	15
309	Synthesis, spectroscopic characterization and structure of ethylidynesarsine. <i>Journal of Molecular Structure</i> , 1995, 349, 175-178.	1.8	3
310	Thermally unstable polyynes and N-organics of planetological interest: New laboratory data and implications for their detection by in situ and remote sensing techniques. <i>Advances in Space Research</i> , 1995, 15, 5-11.	1.2	16
311	Photolysis of phosphine in the presence of acetylene and propyne, gas mixtures of planetary interest. <i>Advances in Space Research</i> , 1995, 16, 85-92.	1.2	21
312	Organic chemistry in Titan's atmosphere: New data from laboratory simulations at low temperature. <i>Advances in Space Research</i> , 1995, 16, 93-103.	1.2	76
313	Vinylstannanes: synthesis and characterization. <i>Journal of Organometallic Chemistry</i> , 1995, 486, 57-62.	0.8	16
314	Experimental simulation of Titan's organic chemistry at low temperature. <i>Planetary and Space Science</i> , 1995, 43, 25-31.	0.9	72
315	Absolute absorption coefficient of C ₆ H ₂ in the mid-UV range at low temperature; implications for the interpretation of Titan atmospheric spectra. <i>Planetary and Space Science</i> , 1995, 43, 83-89.	0.9	18
316	Germane photochemistry. Photolysis of gas mixtures of planetary interest. <i>Planetary and Space Science</i> , 1995, 43, 75-81.	0.9	17
317	Alkylmercury hydrides: Preparation and reactivity. <i>Tetrahedron Letters</i> , 1995, 36, 6883-6886.	0.7	10
318	Synthesis and Characterization of Primary and Secondary Allenyl- and Alkynylarsines. <i>Inorganic Chemistry</i> , 1995, 34, 5694-5697.	1.9	19
319	Gas-Phase Characterization by Photoelectron Spectroscopy of Unstabilized α -Unsaturated Arsines, Ethylidene- and Ethylidynesarsines. <i>Organometallics</i> , 1995, 14, 4732-4735.	1.1	28
320	Synthesis of allenyl- and alkynyl-stannanes by reduction of allenyl- and alkynyl-chlorostannanes. <i>Journal of the Chemical Society Chemical Communications</i> , 1995, , 699.	2.0	14
321	Absorption coefficient of propynenitrile in the mid-UV range for the study of Titan's atmosphere: Solution to sample contaminations. <i>Journal of Geophysical Research</i> , 1995, 100, 9455.	3.3	7
322	Primary Vinyl- and Alkynylstibines: Preparation and Characterization. <i>Inorganic Chemistry</i> , 1995, 34, 1466-1471.	1.9	31
323	Unstabilized 1-phosphaallenes : synthesis and characterization. <i>Tetrahedron Letters</i> , 1994, 35, 245-248.	0.7	19
324	Infrared spectra of triacetylene in the 4000-220 cm ⁻¹ region: Absolute band intensity and implications for the atmosphere of Titan. <i>Spectrochimica Acta Part A: Molecular Spectroscopy</i> , 1994, 50, 1095-1100.	0.1	27

#	ARTICLE	IF	CITATIONS
325	Hybrid ligands. Structure of a palladium(II) complex containing a pyrazolol-derived phosphine ligand, [(o-C ₆ H ₄ CH ₂ NMe ₂)Pd(Ph) ₂ P{C=C(O)N(Ph)N=C(Me)}]. Acta Crystallographica Section C: Crystal Structure Communications, 1994, 50, 193-195.	0.4	1
326	Mid-UV spectroscopy of propynenitrile at low temperature: Consequences on expected results from observations of Titan's atmosphere. Journal of Geophysical Research, 1994, 99, 17069.	3.3	23
327	Formation under high-dilution conditions of transient phosphalkenes by Lewis-base-induced rearrangement of vinylphosphines, a useful entry to cyclic phosphines. Journal of the Chemical Society Chemical Communications, 1994, , 945.	2.0	25
328	Synthesis and Spectroscopic Characterization of Ethylidynearsine. Journal of the American Chemical Society, 1994, 116, 8930-8936.	6.6	55
329	Primary and Secondary Vinylarsines: Synthesis, Stability and Characterization. Organometallics, 1994, 13, 1525-1527.	1.1	29
330	Unsubstituted 1- and 2-phosphabutadienes: preparation and spectroscopic characterization. Inorganic Chemistry, 1993, 32, 5021-5028.	1.9	15
331	Lewis base-induced rearrangement of primary ethyn-1-ylphosphines, a new and efficient route to phosphalkynes. Journal of the Chemical Society Chemical Communications, 1992, , 415.	2.0	32
332	Application of photoelectron spectroscopy to molecular properties. 46. Gas-phase structure and stability of alkynylphosphines and allenylphosphines: photoelectronic study. Inorganic Chemistry, 1992, 31, 4425-4427.	1.9	5
333	The photolysis of NH ₃ in the presence of substituted acetylenes: A possible source of oligomers and HCN on Jupiter. Icarus, 1992, 95, 54-59.	1.1	16
334	Primary alkynylphosphines and allenylphosphines. Inorganic Chemistry, 1991, 30, 2170-2173.	1.9	52
335	Photoelectron spectrum of chlorophosphaethyne. Journal of the Chemical Society Chemical Communications, 1991, , 403.	2.0	1
336	Synthesis of Nonstabilized Phosphalkynes by Vacuum Gas-Solid HCl Elimination. Angewandte Chemie International Edition in English, 1991, 30, 196-198.	4.4	47
337	Synthese von nicht stabilisierten Phosphalkinen durch HCl-Eliminierung in einer Vakuum-Gas-Feststoff-Reaktion. Angewandte Chemie, 1991, 103, 191-193.	1.6	21
338	Millimeter and submillimeter-wave spectrum of methylenecyclopropene. Journal of Molecular Spectroscopy, 1991, 149, 230-234.	0.4	8
339	A Convenient Method for the Synthesis of β -Functionalized Chlorophosphonic Esters. Synthetic Communications, 1991, 21, 793-798.	1.1	24
340	Synthesis of Primary β -Dichlorophosphines, Precursors of Unhindered C-Chlorophospha-alkenes and Synthetic Equivalents of β -3-Phospha-alkynes. Phosphorus, Sulfur and Silicon and the Related Elements, 1990, 49-50, 317-320.	0.8	9
341	Millimeter-wave spectrum of cyclopropenone, C ₃ H ₂ O. Journal of Molecular Spectroscopy, 1990, 140, 190-192.	0.4	20
342	The millimeter-wave spectrum of aminoacetonitrile. Journal of Molecular Spectroscopy, 1990, 143, 180-182.	0.4	18

#	ARTICLE	IF	CITATIONS
343	Photochemical cycloaddition reactions of cyanoacetylene and dicyanoacetylene. <i>Journal of Organic Chemistry</i> , 1990, 55, 5601-5606.	1.7	37
344	Photochemical cycloaddition of cyanoacetylene and dicyanoacetylene. <i>Origins of Life and Evolution of Biospheres</i> , 1989, 19, 491-492.	0.8	0
345	Application of photoelectron spectroscopy to molecular properties. Part 40. Synthesis of P-chlorophosphaethene and N-chloromethanimine: estimation of chlorine substitution on the electronic structure of heteroatomic double bonds. <i>Journal of Organic Chemistry</i> , 1989, 54, 5958-5963.	1.7	19
346	Primary $\hat{\imath}$ -dichloromethylphosphine; a precursor of unhindered C-chlorophosphaethylene and synthetic equivalent of phospho-acetylene. <i>Journal of the Chemical Society Chemical Communications</i> , 1989, , 988-990.	2.0	16
347	A convenient synthesis of enolizable N-trialkylsilylimines using vacuum gas-solid reactions. <i>Tetrahedron Letters</i> , 1988, 29, 1287-1288.	0.7	16
348	Formation of reactive thioaldehydes by vacuum gas-phase dehydrocyanation of thiocyanohydrins; characterization by MS/MS spectrometry.. <i>Tetrahedron Letters</i> , 1988, 29, 5899-5900.	0.7	19
349	The millimeter and submillimeter wave spectrum of cyclopropene. <i>Chemical Physics Letters</i> , 1986, 125, 569-576.	1.2	8
350	The millimeter wave rotational spectrum of 2H-azirine, NCH ₂ CH. <i>Journal of Molecular Spectroscopy</i> , 1986, 115, 1-14.	0.4	26
351	Very mild interconversion between aminoacetonitrile and the interstellar species methanimine and hydrogen cyanide. <i>Tetrahedron Letters</i> , 1986, 27, 1147-1148.	0.7	14
352	Vacuum Gas/Solid N-Chlorination: Preparative Scale Synthesis of Volatile N-Chloramines. <i>Synthesis</i> , 1985, 1985, 1131-1133.	1.2	32
353	Flash vacuum thermolysis of $\hat{\imath}$ -aminonitriles and subsequent HCN removal on solid base, a $\hat{\imath}$ -one line TM multistep sequence to reactive N-methyleneamines. <i>Journal of the Chemical Society Chemical Communications</i> , 1985, , 951-952.	2.0	13
354	5,6-dihydropyridine: synthesis and characterization. <i>Tetrahedron Letters</i> , 1984, 25, 3847-3848.	0.7	10
355	Metastable isomers of acetonitrile: syntheses of vinylideneamine and $\hat{\imath}$ ¹ -azirine. <i>Journal of the Chemical Society Chemical Communications</i> , 1983, , 238-239.	2.0	22
356	Vacuum Dynamic Gas Phase/Solid-Phase Reactions: N-Chlorination of Primary Amines and $\hat{\imath}$ -Elimination of the Resulting Chloramines; Synthesis of Reactive (E)- and (Z)-Aldimines. <i>Angewandte Chemie International Edition in English</i> , 1982, 21, 690-690.	4.4	28
357	Vacuum Dynamic Gas-Phase/Solid-Phase Reactions: N-Chlorination of Primary Amines and the $\hat{\imath}$ -Elimination of the Resulting Chloramines: Access to Reactive (E)- and (Z)-Aldimines. <i>Angewandte Chemie International Edition in English</i> , 1982, 21, 1515-1524.	4.4	13
358	1-Azetine: thermal ring opening to 2-azabutadiene. <i>Journal of the American Chemical Society</i> , 1981, 103, 468-469.	6.6	49
359	Passerini and Ugi Reactions Involving Kinetically Unstable Isocyanides. <i>European Journal of Organic Chemistry</i> , 0, , .	1.2	3