Luca Dore

List of Publications by Year in descending order

133 papers	2,938 citations	318942 23 h-index	232693 48 g-index
140 all docs	140 docs citations	140 times ranked	1524 citing authors

#	Article	IF	Citations
1	Millimeter-wave electron-based far-infrared spectroscopy of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:mrow><mml:msub><mml:mrow><mml:mi mathvariant="normal">HC</mml:mi></mml:mrow><mml:mn>3</mml:mn></mml:msub><mml:mi mathvariant="normal">N</mml:mi></mml:mrow></mml:math>: Extended ro-vibrational analysis and new line list up to 3360Âcm<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.svg">	1.1	1
2	Gas-phase identification of (Z)-1,2-ethenediol, a key prebiotic intermediate in the formose reaction. Chemical Communications, 2022, 58, 2750-2753.	2.2	14
3	First Laboratory Detection of N¹³CO^{â€“} and Semiexperimental Equilibrium Structure of the NCO^{â€“} Anion. Journal of Physical Chemistry A, 2022, 126, 1899-1904.	1.1	0
4	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
5	Precursors of the RNA World in Space: Detection of (Z)-1,2-ethenediol in the Interstellar Medium, a Key Intermediate in Sugar Formation. Astrophysical Journal Letters, 2022, 929, L11.	3.0	43
6	Spectroscopic Characterization of 3-Aminoisoxazole, a Prebiotic Precursor of Ribonucleotides. Molecules, 2022, 27, 3278.	1.7	2
7	Improved centrifugal and hyperfine analysis of ND2H and NH2D and its application to the spectral line survey of L1544. Journal of Molecular Spectroscopy, 2021, 377, 111431.	0.4	7
8	High-Resolution Infrared Spectroscopy of DC3N in the Stretching Region. Frontiers in Astronomy and Space Sciences, 2021, 8, .	1.1	5
9	An improved rovibrational linelist of formaldehyde, H<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.svg"><mml:msubsup><mml:mrow /><mml:mn>2</mml:mn><mml:mrow><mml:mspace width="0.33em" /><mml:mn>12</mml:mn></mml:mrow></mml:msubsup></mml:math>C<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si3.svg"><mml:msup><mml:mrow /><mml:mn>16</mml:mn></mml:msup></mml:math>O. Journal of Quantitative Spectroscopy and Radiati	1.1	21
10	High resolution FTIR study of the Î½5, Î½6, and Î½9 fundamental bands of CH2D37Cl. Journal of Quantitative Spectroscopy and Radiative Transfer, 2021, 270, 107719.	1.1	3
11	An improved study of HCO+ and He system: Interaction potential, collisional relaxation, and pressure broadening. Journal of Chemical Physics, 2021, 155, 234306.	1.2	5
12	The Submillimeter Rotational Spectrum of Ethylene Glycol up to 890 GHz and Application to ALMA Band 10 Spectral Line Data of NGC 6334I. Journal of Physical Chemistry A, 2020, 124, 240-246.	1.1	14
13	Determination of a semi-experimental equilibrium structure of 1-phosphapropyne from millimeter-wave spectroscopy of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.svg"><mml:mrow><mml:msub><mml:mrow><mml:mtext>CH</mml:mtext></mml:mrow><mml:mrow><mml:mn>3</mml:mn> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si2.svg"><mml:mrow><mml:msub><mml:mrow><mml:mtext>CD</mml:mtext></mml:mrow><mml:mrow><mml:mn Journal of Molecular Structure, 2020, 1203, 127429.	1.8	9
14	First detection of NHD and ND₂ in the interstellar medium. Astronomy and Astrophysics, 2020, 641, A153.	2.1	17
15	Far-infrared laboratory spectroscopy of aminoacetonitrile and first interstellar detection of its vibrationally excited transitions. Astronomy and Astrophysics, 2020, 641, A160.	2.1	23
16	Deuterium hyperfine splittings in the rotational spectrum of NH2D as revealed by Lamb-dip spectroscopy. Journal of Molecular Spectroscopy, 2020, 370, 111291.	0.4	14
17	High-resolution millimeter-wave spectroscopy of CH2DCl: Paving the way for future astronomical observations of chloromethane isotopologues. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 248, 106982.	1.1	5
18	A Journey from Thermally Tunable Synthesis to Spectroscopy of Phenylmethanimine in Gas Phase and Solution. Chemistry - A European Journal, 2020, 26, 15016-15022.	1.7	7

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19	Extensive ro-vibrational analysis of deuterated-cyanoacetylene (DC3N) from millimeter-wavelengths to the infrared domain. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 254, 107221.	1.1	3
20	Spectroscopy of a low global warming power refrigerant. Infrared and millimeter-wave spectra of trifluoroethene (HFO-1123) in the ground and some vibrational excited states. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 248, 106980.	1.1	5
21	DC3N observations towards high-mass star-forming regions. Monthly Notices of the Royal Astronomical Society, 2020, 496, 1990-1999.	1.6	9
22	Rich Collection of n-Propylamine and Isopropylamine Conformers: Rotational Fingerprints and State-of-the-Art Quantum Chemical Investigation. Journal of Physical Chemistry A, 2020, 124, 1372-1381.	1.1	14
23	Submillimeter and Far-infrared Spectroscopy of Monodeuterated Amidogen Radical (NHD): Improved Rest Frequencies for Astrophysical Observations. Astrophysical Journal, Supplement Series, 2020, 247, 59.	3.0	3
24	The rotational spectrum of ¹⁵ND. Isotopic-independent Dunham-type analysis of the imidogen radical. Physical Chemistry Chemical Physics, 2019, 21, 3564-3573.	1.3	21
25	Astronomical Search of Vinyl Alcohol Assisted by Submillimeter Spectroscopy. ACS Earth and Space Chemistry, 2019, 3, 1189-1195.	1.2	19
26	The pure rotational spectrum of 15ND2 observed by millimetre and submillimetre-wave spectroscopy.. Journal of Quantitative Spectroscopy and Radiative Transfer, 2019, 222-223, 186-189.	1.1	21
27	Rotational and Infrared Spectroscopy of Ethanimine: A Route toward Its Astrophysical and Planetary Detection. Astrophysical Journal, 2018, 855, 123.	1.6	35
28	Laboratory measurements and astronomical search for cyanomethanimine. Astronomy and Astrophysics, 2018, 609, A121.	2.1	31
29	Accurate rest frequencies for propargylamine in the ground and low-lying vibrational states. Astronomy and Astrophysics, 2018, 615, A176.	2.1	10
30	¹⁴N/¹⁵N ratio measurements in prestellar cores with N₂H⁺: new evidence of ¹⁵N-antifractionation. Astronomy and Astrophysics, 2018, 617, A7.	2.1	29
31	Accurate Laboratory Measurement of the Complete Fine Structure of the NÂ=Â1Ââ^'Â0 Transition of ¹⁵NH. Astrophysical Journal, 2018, 863, 3.	1.6	4
32	Doubly¹⁵N-substituted diazenylium: THz laboratory spectra and fractionation models. Astronomy and Astrophysics, 2017, 604, A26.	2.1	6
33	Rotational and High-resolution Infrared Spectrum of HC ₃ N: Global Ro-vibrational Analysis and Improved Line Catalog for Astrophysical Observations. Astrophysical Journal, Supplement Series, 2017, 233, 11.	3.0	22
34	Terahertz Spectroscopy and Global Analysis of the Rotational Spectrum of Doubly Deuterated Amidogen Radical ND₂. Astrophysical Journal, Supplement Series, 2017, 233, 15.	3.0	10
35	Millimeter-wave and Submillimeter-wave Spectra of Aminoacetonitrile in the Three Lowest Vibrational Excited States. Astrophysical Journal, Supplement Series, 2017, 230, 26.	3.0	11
36	FIRST LABORATORY MEASUREMENT OF THE JÂ=Â1Ââ^'Â0 TRANSITIONS OF ³⁶ArH⁺ AND ³⁸ArH⁺: NEW, IMPROVED REST FREQUENCIES FOR ASTRONOMICAL SEARCHES. Astrophysical Journal Letters, 2016, 820, L26.	3.0	9

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37	The high-resolution infrared spectrum of fully deuterated diacetylene below 1000 cmâ¯1. Journal of Quantitative Spectroscopy and Radiative Transfer, 2015, 165, 12-21.	1.1	1
38	The Bornâ€“Oppenheimer equilibrium bond distance of GeO from millimetre- and submillimetre-wave spectra and quantum-chemical calculations. Molecular Physics, 2015, 113, 801-807.	0.8	4
39	Acrylic acid (CH₂CHCOOH): the rotational spectrum in the millimetre range up to 397 GHz. Molecular Physics, 2015, 113, 2290-2295.	0.8	5
40	Accurate rest-frequencies of ketenimine (CH₂CNH) at submillimetre wavelength. Astronomy and Astrophysics, 2014, 565, A66.	2.1	8
41	The rotational spectrum of13C2HD in the ground and excited bending states. Molecular Physics, 2013, 111, 896-902.	0.8	3
42	The high-resolution infrared spectrum of DC4H from 450 to 1100 cmâ¯1: Overtone, combination, and hot bands. Journal of Chemical Physics, 2013, 139, 154308.	1.2	1
43	Accurate ro-vibrational rest frequencies of DC4H at infrared and millimetre wavelengths. Astronomy and Astrophysics, 2013, 549, A38.	2.1	2
44	Detection of¹⁵NNH⁺in L1544: non-LTE modelling of dyazenilium hyperfine line emission and accurate¹⁴N/¹⁵N values. Astronomy and Astrophysics, 2013, 555, A109.	2.1	56
45	The rotational spectrum of12C2HD in the ground and excited bending states: an improved ro-vibrational global analysis. Astronomy and Astrophysics, 2013, 559, A125.	2.1	1
46	Accurate rotational rest-frequencies of CH₂NH at submillimetre wavelengths. Astronomy and Astrophysics, 2012, 544, A19.	2.1	22
47	High-resolution infrared spectroscopy of diacetylene below 1000â€‰cm^{â¯1}. Molecular Physics, 2011, 109, 2181-2190.	0.8	8
48	Fine and hyperfine structure of the transition of ND in vibrational excited states. Molecular Physics, 2011, 109, 2191-2198.	0.8	5
49	The magnetic hyperfine structure in the rotational spectrum of H2CNH. Journal of Molecular Spectroscopy, 2010, 263, 44-50.	0.4	18
50	Experimental and Theoretical Study of the Broadening and Shifting of N₂H⁺ Rotational Lines by Helium. ChemPhysChem, 2010, 11, 3141-3145.	1.0	12
51	Detection of N$^mathsf{{15}}$NH⁺in L1544. Astronomy and Astrophysics, 2010, 510, L5.	2.1	17
52	The hyperfine structure in the rotational spectra of D2O: Lamb-dip measurements and quantum-chemical calculations. Molecular Physics, 2010, 108, 2335-2342.	0.8	11
53	Submillimetre-wave spectrum of diacetylene and diacetylene-d2. Molecular Physics, 2010, 108, 2315-2323.	0.8	6
54	The hyperfine structure of the inversion-rotation transitionJ_K= ${1}_{0}$ $leftarrow$ ${0}_{0}$ of NH₃investigated by Lamb-dip spectroscopy. Astronomy and Astrophysics, 2009, 507, 1707-1710.	2.1	18

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55	Accurate rest frequencies for the submillimetre-wave lines ofÂtheÂ$^{15}{f N}$-containing isotopologues of $f N_{2}H^+$ and $f N_{2}D^+$. Astronomy and Astrophysics, 2009, 496, 275-279.	2.1	20
56	State-to-state rotational transition rates of the HCO⁺ion by collisions with helium. Monthly Notices of the Royal Astronomical Society, 2009, 397, 1909-1914.	1.6	26
57	Millimeter-wave spectroscopy of deuterated hydrogen sulfide, SH2D+. Journal of Molecular Spectroscopy, 2009, 254, 33-38.	0.4	1
58	Submillimetre-wave spectrum, 14N-hyperfine structure, and dipole moment of cyclopropyl cyanide. Journal of Molecular Spectroscopy, 2008, 251, 138-144.	0.4	3
59	Galatry versus speed-dependent Voigt profiles for millimeter lines of O3 in collision with N2 and O2. Journal of Molecular Spectroscopy, 2008, 251, 282-292.	0.4	45
60	Experimental and Theoretical Study of Helium Broadening and Shift of HCO⁺ Rotational Lines. ChemPhysChem, 2008, 9, 2237-2244.	1.0	20
61	Strong Coriolis coupling between and states of studied by millimeter-wave spectroscopy. Journal of Molecular Spectroscopy, 2008, 251, 235-240.	0.4	7
62	Sub-Doppler millimetre-wave spectroscopy of DBS and HBS: accurate values of nuclear electric and magnetic hyperfine structure constants. Physical Chemistry Chemical Physics, 2008, 10, 658-665.	1.3	4
63	Accurate rest frequencies for the submillimetre-wave lines of C$_{sf 3}$O in ground and vibrationally excited states below 400Âcm$^{sf -1}$. Astronomy and Astrophysics, 2008, 492, 875-881.	2.1	8
64	Improved Rest Frequencies of HCO ⁺ at 1 THz. Astrophysical Journal, 2007, 669, L113-L116.	1.6	23
65	Improved rest frequencies for the submillimetre-wave spectrum of SiN. Astronomy and Astrophysics, 2006, 455, 1161-1164.	2.1	8
66	Millimeter-wave spectroscopy of and its symmetric isotopologues: Determination of the molecular structure of the sulfonium ion. Journal of Molecular Spectroscopy, 2006, 240, 202-209.	0.4	9
67	New Experimental and Theoretical Results for Argon Broadening and Shift of HCO+ Rotational Lines. ChemPhysChem, 2006, 7, 1764-1769.	1.0	13
68	Experimental determination of air-broadening parameters of pure rotational transitions of HNO3: intercomparison of measurements by using different techniques. Journal of Molecular Spectroscopy, 2005, 229, 158-169.	0.4	20
69	Intercomparison between ozone-broadening parameters retrieved from millimetre-wave measurements by using different techniques. Journal of Molecular Spectroscopy, 2005, 231, 171-187.	0.4	32
70	Lamb-dip millimeter-wave spectroscopy of HCP: Experimental and theoretical determination of 31P nuclear spinâ€“rotation coupling constant and magnetic shielding. Chemical Physics Letters, 2005, 408, 13-18.	1.2	18
71	Laboratory and space spectroscopy of DCO+. Astronomy and Astrophysics, 2005, 433, 1145-1152.	2.1	35
72	Self-, N2- and O2-broadening of pure rotational transitions of HFC-134a. Journal of Quantitative Spectroscopy and Radiative Transfer, 2004, 83, 699-710.	1.1	3

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73	Laboratory and radio-astronomical spectroscopy of the hyperfine structure of N2D$mathsf{^+}$. Astronomy and Astrophysics, 2004, 413, 1177-1181.	2.1	38
74	Rotational spectrum of and : completely resolved nuclear hyperfine structures due to and. Journal of Molecular Spectroscopy, 2003, 217, 19-25.	0.4	30
75	Using Fast Fourier Transform to compute the line shape of frequency-modulated spectral profiles. Journal of Molecular Spectroscopy, 2003, 221, 93-98.	0.4	64
76	An improved determination of the molecular dipole moment of HFC-134a: microwave Stark spectra and ab initio calculations. Physical Chemistry Chemical Physics, 2003, 5, 1519-1523.	1.3	8
77	Study of vibrational interactions in DCO+ by millimeter-wave spectroscopy and determination of the equilibrium structure of the formyl ion. Journal of Chemical Physics, 2003, 118, 7857-7862.	1.2	24
78	The anharmonic force field of cis-1-chloro-2-fluoroethylene. Molecular Physics, 2002, 100, 3535-3543.	0.8	10
79	Molecular Ions in L1544. I. Kinematics. Astrophysical Journal, 2002, 565, 331-343.	1.6	174
80	Millimeter- and submillimeter-wave spectrum of C17O. Rotational hyperfine structure analyzed using the Lamb-dip technique. Physical Chemistry Chemical Physics, 2002, 4, 3575-3577.	1.3	49
81	Molecular Ions in L1544. II. The Ionization Degree. Astrophysical Journal, 2002, 565, 344-358.	1.6	321
82	Hyperfine Structure of J=1â†0 Transition of 13CO. Journal of Molecular Spectroscopy, 2002, 215, 160-162.	0.4	24
83	The Infrared Spectrum of 13C2D2: The Bending States up to v4+v5=2. Journal of Molecular Spectroscopy, 2002, 216, 447-453.	0.4	15
84	Rotational Spectroscopy of HB33S: The Quadrupole Coupling Constant of 33S in Thioborine. Journal of Molecular Spectroscopy, 2002, 215, 228-233.	0.4	7
85	A Comparison of Lineshape Models in the Analysis of Modulated and Natural Rotational Line Profiles: Application to the Pressure Broadening of OCS and CO. Journal of Molecular Spectroscopy, 2002, 216, 428-436.	0.4	32
86	Molecular structure of cis-1-chloro-2-fluoroethylene from ab initio calculations and microwave spectroscopy. Physical Chemistry Chemical Physics, 2001, 3, 4189-4194.	1.3	10
87	Millimeter-Wave Spectroscopy of HCCCP in Excited Vibrational States. Journal of Molecular Spectroscopy, 2001, 205, 164-172.	0.4	15
88	Millimetre-wave spectrum of HC¹⁷O⁺. Experimental and theoretical determination of the quadrupole coupling constant of the¹⁷O nucleus. Canadian Journal of Physics, 2001, 79, 359-366.	0.4	12
89	Laboratory and astrophysical detection of the hyperfine structure of the ${vec J}$ = 1-0 rotational transition of HC$mathsf{^{17}}$O+. Astronomy and Astrophysics, 2001, 368, 712-715.	2.1	9
90	Nuclear Quadrupole Tensors for 35Cl and 37Cl in cis-1-chloro-2-fluoroethylene Obtained by Detection of Perturbation-Allowed Î”J = 2 and Î”J = 3 Transitions. Journal of Molecular Spectroscopy, 2000, 204, 262-267.	0.4	12

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91	Theoretical molecular structure and experimental dipole moment of cis-1-chloro-2-fluoroethylene. Physical Chemistry Chemical Physics, 2000, 2, 1639-1643.	1.3	9
92	Calculations of Argon broadening and shift for HCO+ rotational lines at 77 K. Journal of Chemical Physics, 1999, 111, 1870-1874.	1.2	4
93	Broadening of CH3F in presence of Stark fields. II. Collisional coupling between the Stark components. Journal of Chemical Physics, 1999, 110, 9418-9425.	1.2	8
94	Pure rotational spectra of 32SD+3 and 34SD+3. Chemical Physics Letters, 1999, 300, 489-492.	1.2	44
95	Lamb-dip millimeter-wave spectrum, structure and dipole moment of HCCCCF. Physical Chemistry Chemical Physics, 1999, 1, 2275-2278.	1.3	17
96	CO Depletion in the Starless Cloud Core L1544. Astrophysical Journal, 1999, 523, L165-L169.	1.6	417
97	Centrifugal Distortion Analysis of the Millimeter-Wave Spectrum of 1,1,1,2-Tetrafluoroethane. Journal of Molecular Spectroscopy, 1998, 188, 251-252.	0.4	5
98	Nuclear Quadrupole Coupling in 1,1,1-Trichloroethane: Inertial and Principal Tensors for35Cl and37Cl. Journal of Molecular Spectroscopy, 1998, 189, 228-234.	0.4	11
99	Lambâ€“Dip Millimeter-Wave and High-Resolution Far Infrared Spectra of HCCF. Journal of Molecular Spectroscopy, 1998, 189, 224-227.	0.4	8
100	An improved evaluation of the equilibrium structure of cyanogen iodide. Journal of Molecular Structure, 1998, 443, 211-222.	1.8	13
101	Broadening of CH3F in presence of Stark fields. I. Self-broadening and self-shifting of isolated components. Journal of Chemical Physics, 1997, 106, 8995-9003.	1.2	12
102	Rotational spectroscopy of unstable molecules produced in a low density plasma. AIP Conference Proceedings, 1997, , .	0.3	1
103	Millimeter-Wave and Diode Laser Spectroscopy of l13CN: Analysis of the Î½3Band System. Journal of Molecular Spectroscopy, 1997, 182, 98-112.	0.4	5
104	Millimeter-Wave Spectra of H213COH+and D2COD+. Journal of Molecular Spectroscopy, 1997, 183, 107-112.	0.4	5
105	A Note on the Spectroscopic Constants of NF3. Journal of Molecular Spectroscopy, 1997, 183, 417.	0.4	4
106	Accurateab initioprediction of the equilibrium geometry of HCO+and of rovibration energy levels of DCO+. Molecular Physics, 1996, 87, 879-898.	0.8	44
107	Investigation of a vibration-rotation interaction in DCO+ by millimeter wave spectroscopy. Chemical Physics Letters, 1996, 257, 460-464.	1.2	9
108	Splitting of theK= 3 Transitions inC3vSymmetric Tops: The Case of AsF3and CH3SiF3. Journal of Molecular Spectroscopy, 1996, 176, 23-27.	0.4	10

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109	Accurate ab initio prediction of the equilibrium geometry of HCO+ and of rovibration energy levels of DCO+. Molecular Physics, 1996, 87, 879-898.	0.8	18
110	The High-Frequency Rotational Spectrum of 1,1,1-Trichloroethane and the Observation ofK= 3 Splitting. Journal of Molecular Spectroscopy, 1995, 174, 425-432.	0.4	11
111	Millimeter-Wave Spectrum of As35Cl3: Observation of theK= 3 Line Splitting and Determination of the Chlorine Quadrupole Coupling Constant. Journal of Molecular Spectroscopy, 1995, 174, 479-489.	0.4	4
112	Millimeter-Wave and Infrared Spectrum of BrC15N: Equilibrium Structure of Cyanogen Bromide. Journal of Molecular Spectroscopy, 1995, 174, 59-77.	0.4	15
113	Millimeter- and Submillimeter-Wave Spectrum of PF3: Observation of K = 3 Line Splitting. Journal of Molecular Spectroscopy, 1995, 174, 78-84.	0.4	14
114	Extended measurements of the millimeter wave spectrum of H2COH+. Chemical Physics Letters, 1995, 244, 145-148.	1.2	11
115	Broadening and shift of the lines of molecular ions by collisions with neutral perturbers. AIP Conference Proceedings, 1995, , .	0.3	1
116	Broadening and shifts of the lines of molecular ions by collisions with neutral perturbers. Physical Review A, 1994, 49, 3557-3565.	1.0	23
117	Far infrared vibrationâ€rotationâ€tunneling spectroscopy and internal dynamics of methaneâ€“water: A prototypical hydrophobic system. Journal of Chemical Physics, 1994, 100, 863-876.	1.2	63
118	The Rotational Spectrum of CHF3 in the Submillimeter-Wave and Far-Infrared Region: Observation of the K = 3 Line Splitting. Journal of Molecular Spectroscopy, 1994, 163, 521-528.	0.4	17
119	Far Infrared Spectrum of SO in the 3Î£ and 1Î” Electronic States. Journal of Molecular Spectroscopy, 1994, 167, 468-471.	0.4	17
120	Millimeter and Submillimeter Spectroscopy of NO35Cl: J Dependence of N2 and O2 Broadenings. Journal of Molecular Spectroscopy, 1993, 160, 345-350.	0.4	2
121	The Rotational Spectrum of Tertiary Butyl Isocyanide up to 730 GHz - The Observation and Classification of the h3 Splitting. Journal of Molecular Spectroscopy, 1993, 162, 467-473.	0.4	18
122	Millimeter and submillimeter-wave spectrum of CHCl3. Determination of the h3 splitting constant. Chemical Physics Letters, 1993, 203, 227-231.	1.2	17
123	Microwave and far infrared spectrum of nitrogen trifluoride. Journal of Molecular Spectroscopy, 1992, 152, 185-191.	0.4	14
124	Lamb-dip absorption spectroscopy in the far infrared region using a laser sideband spectrometer. Journal of Molecular Spectroscopy, 1992, 151, 378-383.	0.4	9
125	Microwave spectrum of 3-methoxythietane. Journal of Molecular Spectroscopy, 1991, 145, 236-245.	0.4	8
126	The microwave spectrum of 4-methylenecyclohexene. Journal of Molecular Spectroscopy, 1990, 139, 328-336.	0.4	10

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127	Lineshape measurements of rotational lines in the millimeter-wave region by second harmonic detection. Journal of Molecular Spectroscopy, 1990, 141, 49-58.	0.4	112
128	Observation of crossing resonances in the hyperfine structure of the J = 1 â†•0 transition of DC15N. Journal of Molecular Spectroscopy, 1990, 143, 231-236.	0.4	61
129	The millimeter and submillimeter-wave spectrum of boron monofluoride: Equilibrium structure. Journal of Molecular Spectroscopy, 1989, 134, 159-167.	0.4	29
130	The microwave spectrum of 3-cyclohexen-1-one. Journal of Molecular Spectroscopy, 1989, 135, 22-31.	0.4	9
131	The molecular structure of HBF+ by microwave spectroscopy. Journal of Molecular Spectroscopy, 1987, 121, 278-282.	0.4	17
132	Microwave spectrum of the HBF+ molecular ion. Journal of Molecular Spectroscopy, 1986, 119, 467.	0.4	8
133	Conformational stability of cyclopropanecarboxaldehyde is ruled by vibrational effects. Molecular Physics, 0, , e1955988.	0.8	2