Luca Dore

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2878549/publications.pdf

Version: 2024-02-01

133	2,938	279701	206029
papers	citations	23	48
		h-index	g-index

140	140	140	1395
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	CO Depletion in the Starless Cloud Core L1544. Astrophysical Journal, 1999, 523, L165-L169.	1.6	417
2	Molecular Ions in L1544. II. The Ionization Degree. Astrophysical Journal, 2002, 565, 344-358.	1.6	321
3	Molecular Ions in L1544. I. Kinematics. Astrophysical Journal, 2002, 565, 331-343.	1.6	174
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	Accurateab initioprediction of the equilibrium geometry of HCO+and of rovibration energy levels of DCO+. Molecular Physics, 1996, 87, 879-898.	0.8	44
12	Pure rotational spectra of 32SD+3 and 34SD+3. Chemical Physics Letters, 1999, 300, 489-492.	1.2	44
13	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
14	Laboratory and radio-astronomical spectroscopy of the hyperfine structure of N2D$mathsf{^+}$. Astronomy and Astrophysics, 2004, 413, 1177-1181.	2.1	38
15	Rotational and Infrared Spectroscopy of Ethanimine: A Route toward Its Astrophysical and Planetary Detection. Astrophysical Journal, 2018, 855, 123.	1.6	35
16	Laboratory and space spectroscopy of DCO+. Astronomy and Astrophysics, 2005, 433, 1145-1152.	2.1	35
17	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
18	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

#	Article	IF	Citations
19	Laboratory measurements and astronomical search for cyanomethanimine. Astronomy and Astrophysics, 2018, 609, A121.	2.1	31
20	Rotational spectrum of and : completely resolved nuclear hyperfine structures due to and. Journal of Molecular Spectroscopy, 2003, 217, 19-25.	0.4	30
21	The millimeter and submillimeter-wave spectrum of boron monofluoride: Equilibrium structure. Journal of Molecular Spectroscopy, 1989, 134, 159-167.	0.4	29
22	¹⁴N/¹⁵N ratio measurements in prestellar cores with N₂H⁺: new evidence of ¹⁵N-antifractionation. Astronomy and Astrophysics, 2018, 617, A7.	2.1	29
23	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
24	Hyperfine Structure of J=1â†0 Transition of 13CO. Journal of Molecular Spectroscopy, 2002, 215, 160-162.	0.4	24
25	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
26	Broadening and shifts of the lines of molecular ions by collisions with neutral perturbers. Physical Review A, 1994, 49, 3557-3565.	1.0	23
27	Improved Rest Frequencies of HCO ⁺ at 1 THz. Astrophysical Journal, 2007, 669, L113-L116.	1.6	23
28	Far-infrared laboratory spectroscopy of aminoacetonitrile and first interstellar detection of its vibrationally excited transitions. Astronomy and Astrophysics, 2020, 641, A160.	2.1	23
29	Accurate rotational rest-frequencies of CH₂NH at submillimetre wavelengths. Astronomy and Astrophysics, 2012, 544, A19.	2.1	22
30	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
31	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
32	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
33	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	1.1	21
34	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
35	Experimental and Theoretical Study of Helium Broadening and Shift of HCO⁺ Rotational Lines. ChemPhysChem, 2008, 9, 2237-2244.	1.0	20
36	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

#	Article	IF	Citations
37	Astronomical Search of Vinyl Alcohol Assisted by Submillimeter Spectroscopy. ACS Earth and Space Chemistry, 2019, 3, 1189-1195.	1.2	19
38	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
39	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
40	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
41	The magnetic hyperfine structure in the rotational spectrum of H2CNH. Journal of Molecular Spectroscopy, 2010, 263, 44-50.	0.4	18
42	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
43	The molecular structure of HBF+ by microwave spectroscopy. Journal of Molecular Spectroscopy, 1987, 121, 278-282.	0.4	17
44	Millimeter and submillimeter-wave spectrum of CHCl3. Determination of the h3 splitting constant. Chemical Physics Letters, 1993, 203, 227-231.	1.2	17
45	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
46	Far Infrared Spectrum of SO in the 3Î£ and 1Î” Electronic States. Journal of Molecular Spectroscopy, 1994, 167, 468-471.	0.4	17
47	Lamb-dip millimeter-wave spectrum, structure and dipole moment of HCCCCF. Physical Chemistry Chemical Physics, 1999, 1, 2275-2278.	1.3	17
48	Detection of N$^mathsf{{15}}$NH⁺in L1544. Astronomy and Astrophysics, 2010, 510, L5.	2.1	17
49	First detection of NHD and ND₂ in the interstellar medium. Astronomy and Astrophysics, 2020, 641, A153.	2.1	17
50	Millimeter-Wave and Infrared Spectrum of BrC15N: Equilibrium Structure of Cyanogen Bromide. Journal of Molecular Spectroscopy, 1995, 174, 59-77.	0.4	15
51	Millimeter-Wave Spectroscopy of HCCCP in Excited Vibrational States. Journal of Molecular Spectroscopy, 2001, 205, 164-172.	0.4	15
52	The Infrared Spectrum of 13C2D2: The Bending States up to v4+v5=2. Journal of Molecular Spectroscopy, 2002, 216, 447-453.	0.4	15
53	Microwave and far infrared spectrum of nitrogen trifluoride. Journal of Molecular Spectroscopy, 1992, 152, 185-191.	0.4	14
54	Millimeter- and Submillimeter-Wave Spectrum of PF3: Observation of K = 3 Line Splitting. Journal of Molecular Spectroscopy, 1995, 174, 78-84.	0.4	14

#	Article	IF	Citations
55	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
56	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
57	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
58	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
59	An improved evaluation of the equilibrium structure of cyanogen iodide. Journal of Molecular Structure, 1998, 443, 211-222.	1.8	13
60	New Experimental and Theoretical Results for Argon Broadening and Shift of HCO+ Rotational Lines. ChemPhysChem, 2006, 7, 1764-1769.	1.0	13
61	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
62	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
63	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
64	Experimental and Theoretical Study of the Broadening and Shifting of N₂H⁺ Rotational Lines by Helium. ChemPhysChem, 2010, 11, 3141-3145.	1.0	12
65	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
66	Extended measurements of the millimeter wave spectrum of H2COH+. Chemical Physics Letters, 1995, 244, 145-148.	1.2	11
67	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
68	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
69	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
70	The microwave spectrum of 4-methylenecyclohexene. Journal of Molecular Spectroscopy, 1990, 139, 328-336.	0.4	10
71	Splitting of theK= 3 Transitions inC3vSymmetric Tops: The Case of AsF3and CH3SiF3. Journal of Molecular Spectroscopy, 1996, 176, 23-27.	0.4	10
72	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

#	Article	IF	Citations
73	The anharmonic force field of cis-1-chloro-2-fluoroethylene. Molecular Physics, 2002, 100, 3535-3543.	0.8	10
74	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
75	Accurate rest frequencies for propargylamine in the ground and low-lying vibrational states. Astronomy and Astrophysics, 2018, 615, A176.	2.1	10
76	The microwave spectrum of 3-cyclohexen-1-one. Journal of Molecular Spectroscopy, 1989, 135, 22-31.	0.4	9
77	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
78	Investigation of a vibration-rotation interaction in DCO+ by millimeter wave spectroscopy. Chemical Physics Letters, 1996, 257, 460-464.	1.2	9
79	Theoretical molecular structure and experimental dipole moment of cis-1-chloro-2-fluoroethylene. Physical Chemistry Chemical Physics, 2000, 2, 1639-1643.	1.3	9
80	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
81	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
82	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:n 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:mml. Journal of Molecular Structure, 2020, 1203, 127429.	1.8	9
83	DC3N observations towards high-mass star-forming regions. Monthly Notices of the Royal Astronomical Society, 2020, 496, 1990-1999.	1.6	9
84	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
85	Microwave spectrum of the HBF+ molecular ion. Journal of Molecular Spectroscopy, 1986, 119, 467.	0.4	8
86	Microwave spectrum of 3-methoxythietane. Journal of Molecular Spectroscopy, 1991, 145, 236-245.	0.4	8
87	Lambâ€“Dip Millimeter-Wave and High-Resolution Far Infrared Spectra of HCCF. Journal of Molecular Spectroscopy, 1998, 189, 224-227.	0.4	8
88	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
89	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
90	Improved rest frequencies for the submillimetre-wave spectrum of SiN. Astronomy and Astrophysics, 2006, 455, 1161-1164.	2.1	8

#	Article	IF	Citations
91	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
92	High-resolution infrared spectroscopy of diacetylene below 1000â€‰cm^{â^'1}. Molecular Physics, 2011, 109, 2181-2190.	0.8	8
93	Accurate rest-frequencies of ketenimine (CH₂CNH) at submillimetre wavelength. Astronomy and Astrophysics, 2014, 565, A66.	2.1	8
94	Rotational Spectroscopy of HB33S: The Quadrupole Coupling Constant of 33S in Thioborine. Journal of Molecular Spectroscopy, 2002, 215, 228-233.	0.4	7
95	Strong Coriolis coupling between and states of studied by millimeter-wave spectroscopy. Journal of Molecular Spectroscopy, 2008, 251, 235-240.	0.4	7
96	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
97	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
98	Submillimetre-wave spectrum of diacetylene and diacetylene-d2. Molecular Physics, 2010, 108, 2315-2323.	0.8	6
99	Doubly¹⁵N-substituted diazenylium: THz laboratory spectra and fractionation models. Astronomy and Astrophysics, 2017, 604, A26.	2.1	6
100	Millimeter-Wave and Diode Laser Spectroscopy of I13CN: Analysis of the Î½3Band System. Journal of Molecular Spectroscopy, 1997, 182, 98-112.	0.4	5
101	Millimeter-Wave Spectra of H213COH+and D2COD+. Journal of Molecular Spectroscopy, 1997, 183, 107-112.	0.4	5
102	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
103	Fine and hyperfine structure of the transition of ND in vibrational excited states. Molecular Physics, 2011, 109, 2191-2198.	0.8	5
104	Acrylic acid (CH₂CHCOOH): the rotational spectrum in the millimetre range up to 397 GHz. Molecular Physics, 2015, 113, 2290-2295.	0.8	5
105	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
106	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
107	High-Resolution Infrared Spectroscopy of DC3N in the Stretching Region. Frontiers in Astronomy and Space Sciences, 2021, 8, .	1.1	5
108	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

#	Article	IF	Citations
109	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
110	A Note on the Spectroscopic Constants of NF3. Journal of Molecular Spectroscopy, 1997, 183, 417.	0.4	4
111	Calculations of Argon broadening and shift for HCO+ rotational lines at 77 K. Journal of Chemical Physics, 1999, 111, 1870-1874.	1.2	4
112	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
113	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
114	Accurate Laboratory Measurement of the Complete Fine Structure of the NÂ=Â1Ââ^'Â0 Transition of ¹⁵NH. Astrophysical Journal, 2018, 863, 3.	1.6	4
115	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
116	Submillimetre-wave spectrum, 14N-hyperfine structure, and dipole moment of cyclopropyl cyanide. Journal of Molecular Spectroscopy, 2008, 251, 138-144.	0.4	3
117	The rotational spectrum of13C2HD in the ground and excited bending states. Molecular Physics, 2013, 111, 896-902.	0.8	3
118	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
119	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
120	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
121	Millimeter and Submillimeter Spectroscopy of NO35Cl: J Dependence of N2 and O2 Broadenings. Journal of Molecular Spectroscopy, 1993, 160, 345-350.	0.4	2
122	Accurate ro-vibrational rest frequencies of DC4H at infrared and millimetre wavelengths. Astronomy and Astrophysics, 2013, 549, A38.	2.1	2
123	Conformational stability of cyclopropanecarboxaldehyde is ruled by vibrational effects. Molecular Physics, 0, , e1955988.	0.8	2
124	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
125	Spectroscopic Characterization of 3-Aminoisoxazole, a Prebiotic Precursor of Ribonucleotides. Molecules, 2022, 27, 3278.	1.7	2
126	Broadening and shift of the lines of molecular ions by collisions with neutral perturbers. AIP Conference Proceedings, 1995, , .	0.3	1

#	Article	IF	Citations
127	Rotational spectroscopy of unstable molecules produced in a low density plasma. AIP Conference Proceedings, 1997, , .	0.3	1
128	Millimeter-wave spectroscopy of deuterated hydrogen sulfide, SH2D+. Journal of Molecular Spectroscopy, 2009, 254, 33-38.	0.4	1
129	The high-resolution infrared spectrum of DC4H from 450 to 1100 cmâˆ’1: Overtone, combination, and hot bands. Journal of Chemical Physics, 2013, 139, 154308.	1.2	1
130	The high-resolution infrared spectrum of fully deuterated diacetylene below 1000 cmâˆ’1. Journal of Quantitative Spectroscopy and Radiative Transfer, 2015, 165, 12-21.	1.1	1
131	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
132	Synchrotron-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.s	1.1	1
133	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