

# Arw Mckellar

## List of Publications by Year in descending order

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118  
papers

2,828  
citations

136950

32  
h-index

223800

46  
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118  
all docs

118  
docs citations

118  
times ranked

1126  
citing authors

#	ARTICLE	IF	CITATIONS
1	The NO dimer: $^{15}\text{N}$ isotopic infrared spectra, line-widths, and force field. <i>Molecular Physics</i> , 1995, 86, 273-286.	1.7	114
2	High-resolution spectroscopy of 16 bands of OCS in the region $1975\text{--}2140\text{ cm}^{-1}$ for diode laser calibration. <i>Journal of Molecular Spectroscopy</i> , 1985, 111, 42-53.	1.2	90
3	High-resolution infrared spectroscopy with synchrotron sources. <i>Journal of Molecular Spectroscopy</i> , 2010, 262, 1-10.	1.2	88
4	Spectroscopy of dimers, trimers and larger clusters of linear molecules. <i>International Reviews in Physical Chemistry</i> , 2013, 32, 611-650.	2.3	86
5	Stark spectroscopy with the CO laser: The $\hat{v}_{22}$ fundamentals of $\text{H}_2\text{CO}$ and $\text{D}_2\text{CO}$ . <i>Journal of Molecular Spectroscopy</i> , 1973, 48, 354-371.	1.2	74
6	Infrared absorption spectroscopy of the $\text{CO}\cdots\text{Ar}$ complex. <i>Journal of Molecular Spectroscopy</i> , 1992, 153, 475-485.	1.2	74
7	High-resolution laser magnetic resonance and infrared-radiofrequency double-resonance spectroscopy of NO and its isotopes near $5.4\ \mu\text{m}$ . <i>Journal of Molecular Spectroscopy</i> , 1977, 67, 440-458.	1.2	63
8	A study of the Coriolis-coupled $\hat{v}_{24}$ , $\hat{v}_{26}$ , and $\hat{v}_{23}$ fundamental bands and the $\hat{v}_{25} + \hat{v}_{26}$ difference band of $\text{H}_2\text{CO}$ : Measurement of the dipole moment for $\hat{v}_{25} = 1$ . <i>Journal of Molecular Spectroscopy</i> , 1977, 67, 476-495.	1.2	63
9	Higher rotational lines in the $\hat{v}_{22}$ fundamental of the $\text{H}_3^+$ molecular ion. <i>Journal of Molecular Spectroscopy</i> , 1987, 122, 341-355.	1.2	59
10	Line shape parameters measurement and computations for self-broadened carbon dioxide transitions in the $30012 + 00001$ and $30013 + 00001$ bands, line mixing, and speed dependence. <i>Journal of Molecular Spectroscopy</i> , 2007, 245, 34-51.	1.2	59
11	The infrared spectrum of Ne-CO. <i>Molecular Physics</i> , 1993, 79, 1113-1126.	1.7	57
12	The mystery of the CO dimer: assignments from variable-temperature jet-cooled infrared spectra. <i>Chemical Physics Letters</i> , 1998, 287, 365-370.	2.6	51
13	Laboratory observation of the rotation-vibration spectrum of gas-phase $\text{C}_5$ . <i>Chemical Physics Letters</i> , 1989, 157, 1-4.	2.6	50
14	The fundamental torsion band in acetaldehyde. <i>Journal of Molecular Spectroscopy</i> , 1990, 142, 238-253.	1.2	50
15	The $\hat{v}_{22}$ fundamental band of $\text{H}_2\text{CO}$ . <i>Journal of Molecular Spectroscopy</i> , 1982, 96, 353-361.	1.2	49
16	Infrared spectra of the polar and nonpolar $\text{N}_2\text{O}$ dimers in the $1280\text{ cm}^{-1}$ region of the $\hat{v}_{23}$ fundamental. <i>Journal of Molecular Spectroscopy</i> , 2008, 252, 1-4.	1.2	49
17	Infrared spectra of $\text{CO}\cdots\text{H}_2$ and $\text{CO}\cdots\text{D}_2$ van der Waals complexes in the $4.7\ \mu\text{m}$ region. <i>Chemical Physics Letters</i> , 1991, 186, 58-64.	2.6	48
18	The $\hat{v}_1$ band of $(\text{NO})_2$ . <i>Molecular Physics</i> , 1993, 78, 55-72.	1.7	48

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19	Direct observation of the $\hat{\nu}_{1/21}$ and $\hat{\nu}_{1/23}$ fundamental bands of NH <sub>2</sub> by difference frequency laser spectroscopy. <i>Journal of Molecular Spectroscopy</i> , 1982, 94, 100-113.	1.2	44
20	Line profile study of transitions in the 30012 $\hat{\nu}_{1/21}$ and 30013 $\hat{\nu}_{1/21}$ bands of carbon dioxide perturbed by air. <i>Journal of Molecular Spectroscopy</i> , 2007, 246, 98-112.	1.2	44
21	Tunable diode laser spectrometer for pulsed supersonic jets: application to weakly-bound complexes and clusters. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004, 60, 3235-3242.	3.9	43
22	High-resolution fourier transform spectroscopy of the 1-0 and 2-0 infrared bands of the FO radical (, ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.2	42
23	Stark spectroscopy with the CO laser: The $\hat{\nu}_{1/22}$ fundamental bands of trans- and cis-nitrous acid, HNO <sub>2</sub> , in the 6- $\hat{\nu}_{1/4}$ m region. <i>Journal of Molecular Spectroscopy</i> , 1980, 79, 446-454.	1.2	39
24	The far-infrared spectrum of the HCl dimer. <i>Journal of Molecular Spectroscopy</i> , 1989, 138, 282-301.	1.2	39
25	Laser magnetic resonance spectrum of BrO ( ). <i>Journal of Molecular Spectroscopy</i> , 1981, 86, 43-54.	1.2	38
26	Fourier transform infrared spectrum of the $\hat{\nu}_{1/22}$ band of the NH <sub>2</sub> radical. <i>Journal of Molecular Spectroscopy</i> , 1988, 127, 415-424.	1.2	38
27	A combined analysis of the $\hat{\nu}_{1/21}$ , $\hat{\nu}_{1/23}$ , and 2 $\hat{\nu}_{1/22}$ vibrational states of the NH <sub>2</sub> radical using Fourier transform absorption and emission data. <i>Journal of Molecular Spectroscopy</i> , 1990, 142, 319-335.	1.2	38
28	The CO dimer: new light on a mysterious molecule. <i>Journal of Molecular Spectroscopy</i> , 2003, 222, 93-101.	1.2	38
29	Stark spectroscopy with the CO laser. <i>Journal of Molecular Spectroscopy</i> , 1975, 55, 131-140.	1.2	37
30	High-resolution infrared spectroscopy of carbon dioxide dimers, trimers, and larger clusters. <i>Molecular Physics</i> , 2010, 108, 2195-2205.	1.7	36
31	The $\hat{\nu}_{1/23}$ fundamental band of HDCO. <i>Journal of Molecular Spectroscopy</i> , 1977, 64, 327-339.	1.2	35
32	Millimeter-Wave Spectra of the CO Dimer: Three New States and Further Evidence of Distinct Isomers. <i>Journal of Molecular Spectroscopy</i> , 2002, 214, 87-93.	1.2	33
33	Infrared Spectrum of the Co-Kr Vanderwaals Complex in the 4.7- $\hat{\nu}_{1/4}$ m Region. <i>Journal of Molecular Spectroscopy</i> , 1993, 158, 100-108.	1.2	31
34	Far-infrared observations of rotation-tunneling and torsional transitions in the HCl dimer. <i>Chemical Physics Letters</i> , 1988, 151, 318-322.	2.6	30
35	Infrared absorption spectroscopy of molecular ions in a corona-discharge slit expansion. <i>Chemical Physics Letters</i> , 1995, 242, 126-131.	2.6	30
36	CO Dimer: The Infrared Spectrum Revisited. <i>Journal of Physical Chemistry A</i> , 2013, 117, 9612-9620.	2.5	30

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37	Millimeter-Wave Spectroscopy of Kr-CO and Xe-CO Using a Coaxial Jet Spectrometer. Journal of Molecular Spectroscopy, 2001, 205, 331-337.	1.2	28
38	Measurement and computations for temperature dependences of self-broadened carbon dioxide transitions in the 30012 $\hat{v}$ 00001 and 30013 $\hat{v}$ 00001 bands. Journal of Quantitative Spectroscopy and Radiative Transfer, 2010, 111, 1065-1079.	2.3	28
39	High-resolution laser Stark and Fourier transform spectroscopy of the $\hat{v}$ <sub>2</sub> fundamental band of HFCO. Journal of Molecular Spectroscopy, 1982, 94, 79-94.	1.2	27
40	High resolution analysis of the $\hat{v}$ <sub>2</sub> 12 and $\hat{v}$ <sub>2</sub> 17 fundamental bands of acrolein, CH <sub>2</sub> CHCHO, in the 600cm <sup>-1</sup> region. Journal of Molecular Spectroscopy, 2007, 242, 31-38.	1.2	27
41	Millimeter-Wave Spectrum of the NO Dimer. Journal of Molecular Spectroscopy, 1997, 185, 153-157.	1.2	26
42	Fourier transform infrared spectra of the FO <sub>2</sub> radical. Journal of Molecular Spectroscopy, 1987, 125, 288-308.	1.2	25
43	Wavelength measurements of <sup>13</sup> C <sup>16</sup> O laser transitions. Journal of Molecular Spectroscopy, 1974, 51, 539-545.	1.2	24
44	The dipole moment of the FO radical. Journal of Molecular Spectroscopy, 1983, 101, 186-192.	1.2	24
45	The laser magnetic resonance spectrum of the $\hat{v}$ <sub>3</sub> band of HSO at 10 $\hat{\nu}$ <sub>4</sub> m. Molecular Physics, 1983, 49, 25-32.	1.7	24
46	The C $\hat{\nu}$ -O Stretching Band of the CO $\hat{\nu}$ -N <sub>2</sub> O van der Waals Complex. Journal of Molecular Spectroscopy, 1996, 180, 164-169.	1.2	24
47	Hyperfine and $\hat{\nu}$ -doubling parameters for the $\nu = 1$ state of NO from infrared-radiofrequency double resonance. Journal of Molecular Spectroscopy, 1981, 88, 372-377.	1.2	23
48	The far-infrared spectrum of acrolein, CH <sub>2</sub> CHCHO: The $\hat{v}$ <sub>2</sub> 18 fundamental and ( $\hat{v}$ <sub>2</sub> 17+ $\hat{v}$ <sub>2</sub> 18) $\hat{\nu}$ <sub>2</sub> 18 hot bands. Journal of Molecular Spectroscopy, 2007, 244, 146-152.	1.2	23
49	Laser magnetic resonance spectra of NH <sub>2</sub> in the 9- $\hat{\nu}$ <sub>4</sub> m region. Journal of Molecular Spectroscopy, 1979, 74, 224-227.	1.2	22
50	Laser magnetic resonance spectroscopy of the 2-0 overtone band of ClO at 6.0 $\hat{\nu}$ <sub>4</sub> m. Journal of Molecular Spectroscopy, 1980, 79, 424-431.	1.2	22
51	Infrared diode laser spectroscopy of the FO radical ( $\hat{\nu}$ ). Journal of Molecular Spectroscopy, 1983, 97, 425-429.	1.2	21
52	High-K( $\hat{\nu}$ -propeller $\hat{\nu}$ <sup>TM</sup> ) states in the infrared spectrum of the Ar-CO complex. Molecular Physics, 1996, 87, 1071-1082.	1.7	21
53	Perturbations in the Infrared Spectrum of the HCCH $\hat{\nu}$ -CO Complex: The CO Stretching Region. Journal of Molecular Spectroscopy, 1999, 194, 281-282.	1.2	21
54	Stark spectroscopy with the CO laser: The $\hat{v}$ <sub>2</sub> 1 fundamental band of nitrosyl fluoride, FNO, at 5.42 $\hat{\nu}$ <sub>4</sub> m. Journal of Molecular Spectroscopy, 1978, 73, 168-179.	1.2	20

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55	The Infrared Spectrum of H-3 Revealed. <i>Journal of Molecular Spectroscopy</i> , 1998, 191, 215-217.	1.2	20
56	Stark spectroscopy with the CO laser. <i>Journal of Molecular Spectroscopy</i> , 1977, 66, 69-78.	1.2	19
57	Isotope effects in the infrared spectrum of the OCS dimer. <i>Chemical Physics Letters</i> , 2007, 437, 23-27.	2.6	19
58	High-resolution laser Stark and Fourier transform spectroscopy of DBr at 5.5 $\mu\text{m}$ . <i>Journal of Molecular Spectroscopy</i> , 1982, 95, 405-412.	1.2	18
59	High-Resolution Infrared Spectrum of the $\nu_1$ and $\nu_3$ Bands of Dichlorine Monoxide, Cl <sub>2</sub> O. <i>Journal of Molecular Spectroscopy</i> , 1996, 175, 68-72.	1.2	18
60	The Rotation-Torsion Structure in the $\nu_1/\nu_2$ Methyl Rocking Fundamental Band of Dimethylacetylene. <i>Journal of Molecular Spectroscopy</i> , 1997, 184, 177-185.	1.2	18
61	Millimeter-Wave Spectra of the CO Dimer: Observation and Assignment of 20 New Transitions. <i>Journal of Molecular Spectroscopy</i> , 2001, 208, 209-212.	1.2	18
62	Infrared spectra of the polar isomer of the OCS dimer: (16O12C32S) <sub>2</sub> , (16O12C34S) <sub>2</sub> , and (16O13C32S) <sub>2</sub> . <i>Chemical Physics Letters</i> , 2007, 442, 212-216.	2.6	18
63	High-resolution synchrotron far-infrared spectroscopy of acrolein: The vibrational levels below 700 $\text{cm}^{-1}$ . <i>Journal of Molecular Spectroscopy</i> , 2008, 250, 106-113.	1.2	18
64	The weakly-bound nitrous oxide-acetylene complex: Fundamental and torsional combination bands of N <sub>2</sub> O-C <sub>2</sub> H <sub>2</sub> and N <sub>2</sub> O-C <sub>2</sub> D <sub>2</sub> in the N <sub>2</sub> O $\nu_1$ region. <i>Chemical Physics Letters</i> , 2009, 473, 26-29.	2.6	18
65	Fourier transform infrared spectrum of the $\nu_3$ band of HCO. <i>Journal of Molecular Spectroscopy</i> , 1988, 130, 445-453.	1.2	17
66	Dimethylacetylene: Internal Rotation and the Analysis of the Methyl Rocking Infrared Fundamental Band. <i>Journal of Molecular Spectroscopy</i> , 1993, 162, 142-151.	1.2	17
67	The Ground and First Torsional States of CD <sub>3</sub> CHO. <i>Journal of Molecular Spectroscopy</i> , 1999, 197, 275-288.	1.2	17
68	Infrared spectra of rare gas-carbon disulfide complexes: He-C <sub>2</sub> S <sub>2</sub> , Ne-C <sub>2</sub> S <sub>2</sub> , and Ar-C <sub>2</sub> S <sub>2</sub> . <i>Journal of Molecular Spectroscopy</i> , 2012, 281, 24-27.	1.2	16
69	The millimeter wave spectrum of the <sup>13</sup> C <sup>16</sup> O dimer. <i>Journal of Molecular Spectroscopy</i> , 2004, 223, 132-137.	1.2	14
70	High-resolution synchrotron infrared spectroscopy of thiophosgene: The $\nu_2$ and $\nu_4$ fundamental bands near 500 $\text{cm}^{-1}$ . <i>Journal of Molecular Spectroscopy</i> , 2010, 260, 66-71.	1.2	14
71	High-Resolution Infrared Spectra of Formyl Fluoride, HFCO. <i>Journal of Molecular Spectroscopy</i> , 1994, 168, 147-157.	1.2	13
72	The Far Infrared Spectrum of the NO Dimer. <i>Journal of Molecular Spectroscopy</i> , 1999, 194, 229-235.	1.2	13

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73	Infrared spectrum of the CS <sub>2</sub> tetramer: Observation of a structure with D <sub>2d</sub> symmetry. <i>Chemical Physics Letters</i> , 2013, 570, 12-15.	2.6	13
74	Diode laser spectroscopy of the $\hat{\nu}_{23}$ band of <sup>13</sup> C <sub>5</sub> . <i>Chemical Physics Letters</i> , 1991, 186, 291-296.	2.6	12
75	10 $\hat{\nu}_{4m}$ High-resolution spectrum of trans-acrolein: Rotational analysis of the $\hat{\nu}_{211}$ , $\hat{\nu}_{216}$ , $\hat{\nu}_{214}$ and $\hat{\nu}_{216}+\hat{\nu}_{218}$ bands. <i>Journal of Molecular Spectroscopy</i> , 2011, 268, 136-146.	1.2	12
76	Towards an understanding of the helium-acetylene van der Waals complex. <i>Molecular Physics</i> , 2012, 110, 2743-2750.	1.7	12
77	The $\hat{\nu}_{27}$ , $\hat{\nu}_{28}$ , and $\hat{\nu}_{211}$ bands of propynal, C <sub>2</sub> HCHO, in the 650cm <sup>-1</sup> region. <i>Journal of Molecular Spectroscopy</i> , 2008, 252, 230-238.	1.2	11
78	Infrared spectra of two isomers of OCS-C <sub>2</sub> H <sub>2</sub> and OCS-C <sub>2</sub> D <sub>2</sub> in the region of OCS $\hat{\nu}_{21}$ fundamental. <i>Journal of Molecular Spectroscopy</i> , 2009, 257, 133-136.	1.2	11
79	Refined Molecular Parameters for the CO-OCS van der Waals Complex in the OCS O-C Stretching Band. <i>Journal of Molecular Spectroscopy</i> , 1997, 184, 202-204.	1.2	10
80	Intermolecular vibrational frequencies of the C-bonded CO <sub>2</sub> CO dimer and observation of He CO <sub>2</sub> CO trimers. <i>Chemical Physics Letters</i> , 2016, 651, 62-65.	2.6	10
81	Combination bands of the N <sub>2</sub> O trimer involving the intermolecular modes in the 2260cm <sup>-1</sup> region. <i>Chemical Physics Letters</i> , 2009, 476, 143-146.	2.6	9
82	The microwave and far infrared spectra of acetaldehyde-. <i>Journal of Molecular Spectroscopy</i> , 2010, 263, 145-149.	1.2	9
83	Infrared spectra of acetylene dimers and acetylene-nitrogen: (DCCD) <sub>2</sub> , H-bonded DCCD-HCCH, and DCCD-NN in the 4.1 $\hat{\nu}_{4m}$ region. <i>Journal of Molecular Spectroscopy</i> , 2011, 269, 124-128.	1.2	9
84	High-resolution synchrotron infrared spectroscopy of thiophosgene: The $\hat{\nu}_{21}$ , $\hat{\nu}_{25}$ , $2\hat{\nu}_{24}$ , and $\hat{\nu}_{22}+2\hat{\nu}_{26}$ bands. <i>Journal of Molecular Spectroscopy</i> , 2015, 315, 24-29.	1.2	9
85	Infrared spectra of Rg <sub>1,2</sub> -C <sub>6</sub> H <sub>6</sub> complexes, Rg-He, Ne, Ar. <i>Chemical Physics Letters</i> , 2018, 713, 65-70.	2.6	9
86	Infrared spectra of the Ne <sub>2</sub> -N <sub>2</sub> O, Ar <sub>2</sub> -N <sub>2</sub> O trimers. <i>Journal of Molecular Spectroscopy</i> , 2012, 278, 17-22.	1.2	8
87	Infrared spectra of He-C <sub>6</sub> D <sub>6</sub> , Ne-C <sub>6</sub> D <sub>6</sub> , and Ar-C <sub>6</sub> D <sub>6</sub> . <i>Chemical Physics Letters</i> , 2014, 610-611, 121-124.	2.6	8
88	New spectroscopic results on acetylene dimers and trimers. <i>Molecular Physics</i> , 2012, 110, 2797-2805.	1.7	7
89	The infrared spectrum of the <sup>12</sup> C <sup>18</sup> O dimer. <i>Journal of Molecular Spectroscopy</i> , 2004, 226, 190-195.	1.2	6
90	Observation of a planar isomer of the OCS-(C <sub>2</sub> H <sub>2</sub> ) <sub>2</sub> trimer. <i>Chemical Physics Letters</i> , 2011, 512, 167-171.	2.6	6

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91	Infrared spectra of acetylene-water complexes: C <sub>2</sub> D <sub>2</sub> -H <sub>2</sub> O, C <sub>2</sub> D <sub>2</sub> -HDO, and C <sub>2</sub> D <sub>2</sub> -D <sub>2</sub> O. Journal of Molecular Spectroscopy, 2012, 272, 19-22.	1.2	6
92	Infrared observation of a new mixed trimer, CO-(CO) <sub>2</sub> . Chemical Physics Letters, 2017, 677, 127-130.	2.6	6
93	New infrared spectra of CO <sub>2</sub> -Ne: Fundamental for CO <sub>2</sub> - <sup>22</sup> Ne isotopologue, intermolecular bend, and symmetry breaking of the intramolecular CO <sub>2</sub> bend. Chemical Physics Letters, 2021, 779, 138874.	2.6	6
94	Infrared spectrum of the CH <sub>3</sub> OH-CO complex in the C-O stretching region. Canadian Journal of Physics, 2001, 79, 461-466.	1.1	6
95	Quantum Jump Studies Using the 5d <sub>2</sub> . Journal of Modern Optics, 1992, 39, 373-379.	1.3	5
96	Corrigendum to "The far-infrared spectrum of acrolein, CH <sub>2</sub> CHCHO: The $\nu_{17}$ fundamental and ( $\nu_{17} + \nu_{18}$ ) $\nu_{17}$ hot bands". J. Mol. Spectrosc. 244 (2007) 146-152]. Journal of Molecular Spectroscopy, 2008, 249, 71-72.	1.2	5
97	High-resolution synchrotron infrared spectroscopy of acrolein: The vibrational levels between 700 and 820 cm <sup>-1</sup> . Journal of Molecular Spectroscopy, 2015, 315, 41-45.	1.2	5
98	High-resolution synchrotron infrared spectroscopy of acrolein: The vibrational levels between 850 and 1020 cm <sup>-1</sup> . Journal of Molecular Spectroscopy, 2015, 317, 16-25.	1.2	5
99	High-resolution synchrotron infrared spectroscopy of acrolein: The interacting 101 and 141181 states and other vibrational levels between 1020 and 1200 cm <sup>-1</sup> . Journal of Molecular Spectroscopy, 2018, 350, 51-56.	1.2	5
100	Infrared spectra of C <sub>2</sub> H <sub>4</sub> dimer and trimer. Journal of Molecular Spectroscopy, 2018, 347, 24-27.	1.2	4
101	Infrared spectra of both isomers of CO <sub>2</sub> -CO in the CO <sub>2</sub> -CO $\nu_2$ region. Molecular Physics, 2021, 119, e1936251.	1.7	4
102	Infrared spectra of carbon monoxide-hydrogen sulfide van der Waals complexes in the C-O stretching region. Journal of Molecular Spectroscopy, 2005, 229, 39-46.	1.2	3
103	Infrared combination and difference bands of the NO dimer. Journal of Molecular Spectroscopy, 2006, 238, 127-134.	1.2	3
104	Spectroscopic Determination of the single-triplet splitting in methylene. Bulletin Des Sociétés Chimiques Belges, 2010, 92, 499-524.	0.0	3
105	On the $\nu_{12}$ band of C <sub>6</sub> D <sub>6</sub> at 2289 cm <sup>-1</sup> . Journal of Molecular Spectroscopy, 2014, 296, 14-16.	1.2	3
106	The infrared spectrum of the Ar-C <sub>2</sub> D <sub>2</sub> complex. Journal of Molecular Spectroscopy, 2016, 328, 46-49.	1.2	3
107	Intermolecular vibrations of the CO <sub>2</sub> -CS <sub>2</sub> complex: Experiment and theory agree, but understanding remains challenging. Journal of Molecular Spectroscopy, 2016, 330, 188-193.	1.2	3
108	High resolution infrared spectra of H <sub>2</sub> -Xe and D <sub>2</sub> -Xe van der Waals complexes. Canadian Journal of Physics, 2013, 91, 957-962.	1.1	2

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109	Three new infrared bands of the He-OCS complex. <i>Journal of Molecular Spectroscopy</i> , 2017, 340, 36-39.	1.2	2
110	Infrared spectra of (CO <sub>2</sub> ) <sub>2</sub> + Rg trimers, Rg = Ne, Ar, Kr, and Xe. <i>Journal of Molecular Spectroscopy</i> , 2022, 387, 111673.	1.2	2
111	The infrared spectrum of the 12C18O dimer. <i>Journal of Molecular Spectroscopy</i> , 2004, 226, 190-190.	1.2	1
112	Infrared spectra of the NeC <sub>2</sub> D <sub>4</sub> and ArC <sub>2</sub> D <sub>4</sub> complexes. <i>Journal of Molecular Spectroscopy</i> , 2013, 289, 21-25.	1.2	1
113	Observation of mixed acetylene + Nitrous oxide trimers: Infrared spectra of C <sub>2</sub> H <sub>2</sub> (N <sub>2</sub> O) <sub>2</sub> and (C <sub>2</sub> H <sub>2</sub> ) <sub>2</sub> N <sub>2</sub> O. <i>Journal of Molecular Spectroscopy</i> , 2014, 306, 6-10.	1.2	1
114	N <sub>2</sub> O + Ar and N <sub>2</sub> O + Kr: Intermolecular vibrations of N <sub>2</sub> O + Kr and symmetry breaking of the N <sub>2</sub> O bending mode in the presence of a rare gas. <i>Journal of Molecular Spectroscopy</i> , 2022, 383, 111551.	1.2	1
115	The N <sub>2</sub> O-CS <sub>2</sub> dimer is cross-shaped. <i>Journal of Molecular Spectroscopy</i> , 2019, 357, 1-3.	1.2	0
116	Infrared spectra of (H <sub>2</sub> ) <sub>1,2</sub> -C <sub>6</sub> D <sub>6</sub> and Rg <sub>1,2</sub> -C <sub>6</sub> D <sub>6</sub> complexes, Rg = He, Ne, Ar. <i>Journal of Molecular Spectroscopy</i> , 2020, 369, 111272.	1.2	0
117	Intermolecular vibrational states far above the van der Waals minimum: Combination bands of the polar N <sub>2</sub> O dimer. <i>Journal of Molecular Spectroscopy</i> , 2021, 377, 111428.	1.2	0
118	High-resolution infrared spectroscopy of acrolein: The 91, 81, 71, and 61 fundamentals and other vibrational states between 1250 and 1650 cm <sup>-1</sup> . <i>Journal of Molecular Spectroscopy</i> , 2022, 383, 111563.	1.2	0