Oleg Lyulin

List of Publications by Year
in descending order

25 papers	4,344 citations	623734 14 h-index	580821 25 g-index
25 all docs	25 docs citations	25 times ranked	3714 citing authors

#	Article	IF	Citations
1	The HITRAN2020 molecular spectroscopic database. Journal of Quantitative Spectroscopy and Radiative Transfer, 2022, 277, 107949.	2.3	770
2	The 2020 edition of the GEISA spectroscopic database. Journal of Molecular Spectroscopy, 2021, 380, 111510.	1.2	74
3	High sensitivity absorption spectroscopy of acetylene near 1.2 Âµm. Journal of Quantitative Spectroscopy and Radiative Transfer, 2021, 271, 107733.	2.3	2
4	A Decade with VAMDC: Results and Ambitions. Atoms, 2020, 8, 76.	1.6	53
5	Recommended acetylene 12C2H2 line list in 13.6ÂÂµm spectral region: New measurements and global modeling. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 256, 107200.	2.3	2
6	The CRDS spectrum of acetylene near 1.73â€Âµm. Journal of Quantitative Spectroscopy and Radiative Transfer, 2019, 234, 147-158.	2.3	9
7	CO2-broadening and shift coefficients of sulfur dioxide near 4ÂÂµm. Journal of Quantitative Spectroscopy and Radiative Transfer, 2019, 225, 119-124.	2.3	11
8	CO2-broadening and shift coefficients in the Î½3 and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" overflow="scroll"><mml:mrow><mml:msub><mml:mi>Î½</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mo>+</mml:mo><mml: Journal of Quantitative Spectroscopy and Radiative Transfer, 2018, 208, 96-100.	2.3	1
9	High accuracy line positions of the Î½ 1 fundamental band of 14 N 2 16 O. Journal of Quantitative Spectroscopy and Radiative Transfer, 2018, 211, 172-178.	2.3	25
10	The absorption spectrum of acetylene near 1â€Âµm (9280â€“10,740â€cm-1) (II): Line intensities. Journal of Quantitative Spectroscopy and Radiative Transfer, 2018, 215, 51-58.	2.3	7
11	The absorption spectrum of acetylene near 1â€Âµm (9280â€“10740Âcmâ¯1) (I): Line positions. Journal of Quantitative Spectroscopy and Radiative Transfer, 2018, 208, 179-187.	2.3	10
12	Line intensity measurements for acetylene between 8980 and 9420 cmâ€“1. Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 189, 417-420.	2.3	11
13	An empirical spectroscopic database for acetylene in the regions of 5850â€“6341 cmâ¯1 and 7000â€“9415 cmâ¯1. Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 203, 461-471.	2.3	19
14	The HITRAN2016 molecular spectroscopic database. Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 203, 3-69.	2.3	2,840
15	ASD-1000: High-resolution, high-temperature acetylene spectroscopic databank. Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 201, 94-103.	2.3	32
16	New assignments and a rare peculiarity in the high sensitivity CRDS spectrum of acetylene near 8000 cmâ¯1. Journal of Molecular Spectroscopy, 2016, 326, 106-114.	1.2	15
17	Global modeling of vibration-rotation spectra of the acetylene molecule. Journal of Quantitative Spectroscopy and Radiative Transfer, 2016, 177, 59-74.	2.3	28
18	The 2015 edition of the GEISA spectroscopic database. Journal of Molecular Spectroscopy, 2016, 327, 31-72.	1.2	311

#	Article	IF	Citations
19	The Fourier transform absorption spectrum of acetylene between 8280 and 8700 cmâˆ’1. Journal of Quantitative Spectroscopy and Radiative Transfer, 2016, 177, 234-240.	2.3	13
20	Measurements of CO2 line parameters in the 9250â€“9500cmâˆ’1 and 10,700â€“10,860cmâˆ’1 regions. Journal of Quantitative Spectroscopy and Radiative Transfer, 2015, 164, 109-116.	2.3	10
21	The Fourier transform absorption spectrum of acetylene between 7000 and 7500 cmâ€“1. Journal of Quantitative Spectroscopy and Radiative Transfer, 2015, 160, 85-93.	2.3	21
22	High-sensitivity CRDS absorption spectroscopy of acetylene between 5851 and 6341Âcm^{âˆ’1}. Molecular Physics, 2014, 112, 2433-2444.	1.7	26
23	The absorption spectrum of acetylene by CRDS between 7244 and 7918 cmâˆ’1. Journal of Quantitative Spectroscopy and Radiative Transfer, 2013, 130, 327-334.	2.3	22
24	Infrared spectroscopy of CO2 isotopologues from 2200 to 7000cmâˆ’1: Iâ€”Characterizing experimental uncertainties of positions and intensities. Journal of Quantitative Spectroscopy and Radiative Transfer, 2012, 113, 961-975.	2.3	22
25	Effective dipole moment parameters of 12C2H2 for the 100, 7.7, 1.4, 1.3, 1.2 and 1.0 Î¼m regions. Journal of Molecular Spectroscopy, 2011, 266, 75-80.	1.2	10