Sophie Fally

List of Publications by Year
in descending order

15	883	759233 12	1058476 14
papers	citations	h-index	g-index

15	15	15	633
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	IUPAC critical evaluation of the rotationalâ€“vibrational spectra of water vapor. Part II. Journal of Quantitative Spectroscopy and Radiative Transfer, 2010, 111, 2160-2184.	2.3	178
2	Absorption cross-sections of atmospheric constituents: NO2, O2, and H2O. Environmental Science and Pollution Research, 1999, 6, 151-158.	5.3	117
3	Fourier transform measurements of water vapor line parameters in the 4200â€“6600cmâ¯1 region. Journal of Quantitative Spectroscopy and Radiative Transfer, 2007, 105, 326-355.	2.3	117
4	New water vapor line parameters in the 26000â€“ region. Journal of Quantitative Spectroscopy and Radiative Transfer, 2002, 74, 493-510.	2.3	103
5	Water vapor line parameters in the 13000â€“ region. Journal of Quantitative Spectroscopy and Radiative Transfer, 2003, 82, 99-117.	2.3	80
6	Water vapour line assignments in the 9250â€“26000cmâ¯1 frequency range. Journal of Molecular Spectroscopy, 2005, 233, 68-76.	1.2	74
7	UV Fourier transform absorption cross sections of benzene, toluene, meta-, ortho-, and para-xylene. Journal of Quantitative Spectroscopy and Radiative Transfer, 2009, 110, 766-782.	2.3	50
8	Water vapor line broadening and shifting by air in the 26,000â€“ region. Journal of Quantitative Spectroscopy and Radiative Transfer, 2003, 82, 119-131.	2.3	49
9	Fourier Transform Spectroscopy of the O2 Herzberg Bands. Journal of Molecular Spectroscopy, 1999, 198, 136-162.	1.2	33
10	Line parameters of HDO from high-resolution Fourier transform spectroscopy in the 11500â€“23000cmâ¯1 spectral region. Journal of Molecular Spectroscopy, 2005, 232, 341-350.	1.2	22
11	The Wulf bands of oxygen. Chemical Physics Letters, 1998, 297, 293-299.	2.6	19
12	Improved Data Set for the Herzberg Band Systems of 16O2. Journal of Molecular Spectroscopy, 2001, 207, 120.	1.2	13
13	Retrieval of atmospheric water vapor columns from FT visible solar absorption spectra and evaluation of spectroscopic databases. Journal of Quantitative Spectroscopy and Radiative Transfer, 2003, 82, 133-150.	2.3	12
14	High resolution Fourier transform spectroscopy of HD16O: Line positions, absolute intensities and self broadening coefficients in the 8800â€“11,600cmâ¯1 spectral region. Journal of Quantitative Spectroscopy and Radiative Transfer, 2012, 113, 878-888.	2.3	11
15	<title>Absolute intensities of water vapor lines in the near-ultraviolet and visible regions</title>. , 2001, , .		5