

Sophie Fally

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

883
citations

759233

12
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

633
citing authors

#	ARTICLE	IF	CITATIONS
1	High resolution Fourier transform spectroscopy of HD16O: Line positions, absolute intensities and self broadening coefficients in the 8800â€“11,600cm ⁻¹ spectral region. Journal of Quantitative Spectroscopy and Radiative Transfer, 2012, 113, 878-888.	2.3	11
2	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
3	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
4	Fourier transform measurements of water vapor line parameters in the 4200â€“6600cm ⁻¹ region. Journal of Quantitative Spectroscopy and Radiative Transfer, 2007, 105, 326-355.	2.3	117
5	Water vapour line assignments in the 9250â€“26000cm ⁻¹ frequency range. Journal of Molecular Spectroscopy, 2005, 233, 68-76.	1.2	74
6	Line parameters of HDO from high-resolution Fourier transform spectroscopy in the 11500â€“23000cm ⁻¹ spectral region. Journal of Molecular Spectroscopy, 2005, 232, 341-350.	1.2	22
7	Water vapor line parameters in the 13000â€“ region. Journal of Quantitative Spectroscopy and Radiative Transfer, 2003, 82, 99-117.	2.3	80
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	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
10	New water vapor line parameters in the 26000â€“ region. Journal of Quantitative Spectroscopy and Radiative Transfer, 2002, 74, 493-510.	2.3	103
11	<title>Absolute intensities of water vapor lines in the near-ultraviolet and visible regions</title> . , 2001, , .		5
12	Improved Data Set for the Herzberg Band Systems of 16O2. Journal of Molecular Spectroscopy, 2001, 207, 120.	1.2	13
13	Absorption cross-sections of atmospheric constituents: NO2, O2, and H2O. Environmental Science and Pollution Research, 1999, 6, 151-158.	5.3	117
14	Fourier Transform Spectroscopy of the O2 Herzberg Bands. Journal of Molecular Spectroscopy, 1999, 198, 136-162.	1.2	33
15	The Wulf bands of oxygen. Chemical Physics Letters, 1998, 297, 293-299.	2.6	19