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List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

260
citations

840776

11
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

348
citing authors

#	ARTICLE	IF	CITATIONS
1	High-resolution, broadly-tunable mid-IR spectroscopy using a continuous wave optical parametric oscillator. <i>Optics Express</i> , 2021, 29, 5295.	3.4	9
2	A 90-102 GHz CMOS based pulsed Fourier transform spectrometer: New approaches for <i>in situ</i> chemical detection and millimeter-wave cavity-based molecular spectroscopy. <i>Review of Scientific Instruments</i> , 2018, 89, 073109.	1.3	11
3	Speed-dependent Voigt lineshape parameter database from dual frequency comb measurements at temperatures up to 1305 K. Part II: Argon-broadened H ₂ O absorption, 6801–7188 cm ⁻¹ . <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2018, 217, 189-212.	2.3	12
4	Speed-dependent Voigt lineshape parameter database from dual frequency comb measurements up to 1305 K. Part I: Pure H ₂ O absorption, 6801–7188 cm ⁻¹ . <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2018, 210, 240-250.	2.3	18
5	Multispectrum analysis of the oxygen A-band. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2017, 186, 118-138.	2.3	67
6	Broadband, high-resolution investigation of advanced absorption line shapes at high temperature. <i>Physical Review A</i> , 2017, 96, .	2.5	13
7	Application of the Hartmann–Tran profile to precise experimental data sets of 12C ₂ H ₂ . <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2015, 165, 28-37.	2.3	19
8	Frequency-comb referenced spectroscopy of ν_4 - and ν_5 -excited hot bands in the 1.5 μ m spectrum of C ₂ H ₂ . <i>Journal of Molecular Spectroscopy</i> , 2015, 316, 64-71.	1.2	29
9	Temperature-Dependent, Nitrogen-Perturbed Line Shape Measurements in the $\nu_1 + \nu_3$ Band of Acetylene Using a Diode Laser Referenced to a Frequency Comb. <i>Journal of Physical Chemistry A</i> , 2013, 117, 13908-13918.	2.5	14
10	Temperature-dependent pressure broadened line shape measurements in the $\nu_1 + \nu_3$ band of acetylene using a diode laser referenced to a frequency comb. <i>Applied Physics B: Lasers and Optics</i> , 2012, 109, 373-384.	2.2	21
11	Frequency comb-referenced measurements of self- and nitrogen-broadening in the $\nu_1 + \nu_3$ band of acetylene. <i>Journal of Molecular Spectroscopy</i> , 2011, 266, 43-51.	1.2	22
12	Enantiomerically selective vapochromic sensing. <i>Sensors and Actuators B: Chemical</i> , 2010, 149, 199-204.	7.8	25