

Jolanta DomysÅ,awska

List of Publications by Year in descending order

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17
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times ranked

183
citing authors

#	ARTICLE	IF	CITATIONS
1	Cavity ring-down spectroscopy of the oxygen B-band with absolute frequency reference to the optical frequency comb. <i>Journal of Chemical Physics</i> , 2012, 136, 024201.	3.0	54
2	Spectral line shapes of self-broadened P-branch transitions of oxygen B band. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2014, 144, 36-48.	2.3	41
3	Active control of the Pound-Drever-Hall error signal offset in high-repetition-rate cavity ring-down spectroscopy. <i>Measurement Science and Technology</i> , 2011, 22, 115303.	2.6	37
4	A new approach to spectral line shapes of the weak oxygen transitions for atmospheric applications. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2016, 169, 111-121.	2.3	27
5	Low-pressure line-shape study in molecular oxygen with absolute frequency reference. <i>Journal of Chemical Physics</i> , 2013, 139, 194312.	3.0	20
6	Spectral line shapes and frequencies of the molecular oxygen B-band R-branch transitions. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2015, 155, 22-31.	2.3	19
7	Absolute frequency determination of molecular transition in the Doppler regime at kHz level of accuracy. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2017, 201, 156-160.	2.3	19
8	Effect of dissociative recombination on spectral line profiles in neon glow discharge. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1994, 27, 4181-4193.	1.5	17
9	Measuring cesium electron impact cross-sections using a magneto-optical trap. <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2002, 123, 173-184.	1.7	15
10	On the role of Dicke narrowing in the formation of atomic line shapes in the optical domain. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2003, 36, 3985-3998.	1.5	13
11	Low pressure broadening and shift of the cadmium intercombination line 326.1 nm (51S0-53P1) perturbed by He and Ne. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 1994, 27, 5863-5870.	1.5	11
12	Response of an optical cavity to phase-controlled incomplete power switching of nearly resonant incident light. <i>Optics Express</i> , 2018, 26, 5644.	3.4	11
13	Influence of krypton on the shape and shift of the 326.1 nm (51S0-53P1) Cd intercombination line. <i>Physica Scripta</i> , 1995, 52, 511-515.	2.5	9
14	Line-shape analysis for high J R-branch transitions of the oxygen B band. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2020, 242, 106789.	2.3	8
15	Simultaneous observation of speed dependence and Dicke narrowing for self-perturbed P-branch lines of O ₂ B band. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2021, 276, 107927.	2.3	7
16	Line mixing in the oxygen B band head. <i>Journal of Chemical Physics</i> , 2022, 156, 084301.	3.0	4
17	COLLISION-TIME ASYMMETRY OF THE ¹¹⁴ Cd 326.1nm LINE PERTURBED BY KRYPTON. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 1999, 61, 735-742.	2.3	2