

Michał, Słowiński

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

135
citations

1163117

8
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

107
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Collisional line-shape effects in accurate He-perturbed H ₂ spectra. Journal of Quantitative Spectroscopy and Radiative Transfer, 2022, 277, 107951. | 2.3 | 8 |
| 2 | The first comprehensive dataset of beyond-Voigt line-shape parameters from ab initio quantum scattering calculations for the HITRAN database: He-perturbed H ₂ case study. Journal of Quantitative Spectroscopy and Radiative Transfer, 2021, 260, 107477. | 2.3 | 21 |
| 3 | Simultaneous observation of speed dependence and Dicke narrowing for self-perturbed P-branch lines of O ₂ B band. Journal of Quantitative Spectroscopy and Radiative Transfer, 2021, 276, 107927. | 2.3 | 7 |
| 4 | Fully quantum calculations of the line-shape parameters for the Hartmann-Tran profile: A CO-Ar case study. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 243, 106803. | 2.3 | 14 |
| 5 | Line-shape analysis for high J R-branch transitions of the oxygen B band. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 242, 106789. | 2.3 | 8 |
| 6 | Analytical-function correction to the Hartmann-Tran profile for more reliable representation of the Dicke-narrowed molecular spectra. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 242, 106784. | 2.3 | 18 |
| 7 | Subpercent agreement between <i>ab initio</i> and experimental collision-induced line shapes of carbon monoxide perturbed by argon. Physical Review A, 2020, 102, . | 2.5 | 9 |
| 8 | H ₂ -He collisions: Ab initio theory meets cavity-enhanced spectra. Physical Review A, 2020, 101, . | 2.5 | 24 |
| 9 | Ultrahigh finesse cavity-enhanced spectroscopy for accurate tests of quantum electrodynamics for molecules. Optics Letters, 2020, 45, 1603. | 3.3 | 26 |
| 10 | Inclusion of Berry's phase into an impact treatment of self-broadening of the Lyman- $\hat{\pm}$ line in an external slowly rotating electric field. Physical Review A, 2018, 98, . | 2.5 | 0 |