

# Michał, Słowiński

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1189596/publications.pdf>

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	Ultra-high finesse cavity-enhanced spectroscopy for accurate tests of quantum electrodynamics for molecules. <i>Optics Letters</i> , 2020, 45, 1603.	3.3	26
2	H <sub>2</sub> -He collisions: Ab initio theory meets cavity-enhanced spectra. <i>Physical Review A</i> , 2020, 101, .	2.5	24
3	The first comprehensive dataset of beyond-Voigt line-shape parameters from ab initio quantum scattering calculations for the HITRAN database: He-perturbed H <sub>2</sub> case study. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2021, 260, 107477.	2.3	21
4	Analytical-function correction to the Hartmann-Tran profile for more reliable representation of the Dicke-narrowed molecular spectra. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2020, 242, 106784.	2.3	18
5	Fully quantum calculations of the line-shape parameters for the Hartmann-Tran profile: A CO-Ar case study. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2020, 243, 106803.	2.3	14
6	Subpercent agreement between ab initio and experimental collision-induced line shapes of carbon monoxide perturbed by argon. <i>Physical Review A</i> , 2020, 102, .	2.5	9
7	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
8	Collisional line-shape effects in accurate He-perturbed H <sub>2</sub> spectra. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2022, 277, 107951.	2.3	8
9	Simultaneous observation of speed dependence and Dicke narrowing for self-perturbed P-branch lines of O <sub>2</sub> B band. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2021, 276, 107927.	2.3	7
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. <i>Physical Review A</i> , 2018, 98, .	2.5	0