

Jonas Simon Wilzewski

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3062009/publications.pdf>

Version: 2024-02-01

12
papers

3,303
citations

1307594

7
h-index

1588992

8
g-index

21
all docs

21
docs citations

21
times ranked

3742
citing authors

#	ARTICLE	IF	CITATIONS
1	The HITRAN2016 molecular spectroscopic database. Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 203, 3-69.	2.3	2,840
2	HITRAN Application Programming Interface (HAPI): A comprehensive approach to working with spectroscopic data. Journal of Quantitative Spectroscopy and Radiative Transfer, 2016, 177, 15-30.	2.3	253
3	HITRANonline: An online interface and the flexible representation of spectroscopic data in the HITRAN database. Journal of Quantitative Spectroscopy and Radiative Transfer, 2016, 177, 4-14.	2.3	92
4	H ₂ , He, and CO ₂ line-broadening coefficients, pressure shifts and temperature-dependence exponents for the HITRAN database. Part 1: SO ₂ , NH ₃ , HF, HCl, OCS and C ₂ H ₂ . Journal of Quantitative Spectroscopy and Radiative Transfer, 2016, 168, 193-206.	2.3	62
5	Temperature-dependence laws of absorption line shape parameters of the CO ₂ ν_3 band. Journal of Quantitative Spectroscopy and Radiative Transfer, 2018, 206, 296-305.	2.3	25
6	Towards spaceborne monitoring of localized CO ₂ emissions: an instrument concept and first performance assessment. Atmospheric Measurement Techniques, 2020, 13, 2887-2904.	3.1	13
7	Are your spectroscopic data being used?. Journal of Molecular Spectroscopy, 2016, 327, 232-238.	1.2	12
8	Spectral sizing of a coarse-spectral-resolution satellite sensor for XCO ₂ . Atmospheric Measurement Techniques, 2020, 13, 731-745.	3.1	3
9	WORKING WITH HITRAN DATABASE USING HAPI: HITRAN APPLICATION PROGRAMMING INTERFACE. , 2015, , .		2
10	ARE YOUR SPECTROSCOPIC DATA BEING USED?. , 2014, , .		0
11	HITRAN IN THE XXIst CENTURY: BEYOND VOIGT AND BEYOND EARTH. , 2015, , .		0
12	HITRANonline: A NEW STRUCTURE AND INTERFACE FOR HITRAN LINE LISTS AND CROSS SECTIONS. , 2015, , .		0