Jonas Simon Wilzewski

List of Publications by Year
in descending order

12	3,303	1307594 7	1588992 8
papers	citations	h-index	g-index

21	21	21	3742
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spectral sizing of a coarse-spectral-resolution satellite sensor for XCO&lt;sub&gt;2&lt;/sub&gt;. Atmospheric Measurement Techniques, 2020, 13, 731-745.	3.1	3
2	Towards spaceborne monitoring of localized CO&lt;sub&gt;2&lt;/sub&gt; emissions: an instrument concept and first performance assessment. Atmospheric Measurement Techniques, 2020, 13, 2887-2904.	3.1	13
3	Temperature-dependence laws of absorption line shape parameters ofÂtheÂCO2â€‰Î½2Âband. Journal of Quantitative Spectroscopy and Radiative Transfer, 2018, 206, 296-305.	2.3	25
4	The HITRAN2016 molecular spectroscopic database. Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 203, 3-69.	2.3	2,840
5	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
6	Are your spectroscopic data being used?. Journal of Molecular Spectroscopy, 2016, 327, 232-238.	1.2	12
7	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
8	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
9	WORKING WITH HITRAN DATABASE USING HAPI: HITRAN APPLICATION PROGRAMMING INTERFACE. , 2015, , .		2
10	HITRAN IN THE XXIst CENTURY: BEYOND VOIGT AND BEYOND EARTH. , 2015, , .		0
11	HITRANonline: A NEW STRUCTURE AND INTERFACE FOR HITRAN LINE LISTS AND CROSS SECTIONS. , 2015, , .		0
12	ARE YOUR SPECTROSCOPIC DATA BEING USED?. , 2014, , .		0