

Claude Camy-Peyret

List of Publications by Year in descending order

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8
papers

619
citations

1163117
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1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

901
citing authors

#	ARTICLE	IF	CITATIONS
1	Hyperspectral Earth Observation from IASI: Five Years of Accomplishments. Bulletin of the American Meteorological Society, 2012, 93, 347-370.	3.3	357
2	Towards IASI-New Generation (IASI-NG): impact of improved spectral resolution and radiometric noise on the retrieval of thermodynamic, chemistry and climate variables. Atmospheric Measurement Techniques, 2014, 7, 4367-4385.	3.1	110
3	Physical inversion of the full IASI spectra: Assessment of atmospheric parameters retrievals, consistency of spectroscopy and forward modelling. Journal of Quantitative Spectroscopy and Radiative Transfer, 2016, 182, 128-157.	2.3	51
4	FORUM: Unique Far-Infrared Satellite Observations to Better Understand How Earth Radiates Energy to Space. Bulletin of the American Meteorological Society, 2020, 101, E2030-E2046.	3.3	40
5	PCA determination of the radiometric noise of high spectral resolution infrared observations from spectral residuals: Application to IASI. Journal of Quantitative Spectroscopy and Radiative Transfer, 2018, 206, 8-21.	2.3	19
6	CO2 spectroscopy and forward/inverse radiative transfer modelling in the thermal band using IASI spectra. Journal of Quantitative Spectroscopy and Radiative Transfer, 2019, 222-223, 65-83.	2.3	17
7	Assessment of IASI capability for retrieving carbonyl sulphide (OCS). Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 201, 197-208.	2.3	16
8	Identification of Short and Long-Lived Atmospheric Trace Gases From IASI Space Observations. Geophysical Research Letters, 2021, 48, e2020GL091742.	4.0	9