

# Vasileios Barlakas

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7929090/publications.pdf>

Version: 2024-02-01

9  
papers

165  
citations

1307543

7  
h-index

1474186

9  
g-index

15  
all docs

15  
docs citations

15  
times ranked

176  
citing authors

#	ARTICLE	IF	CITATIONS
1	IPRT polarized radiative transfer model intercomparison project â€“ Phase A. Journal of Quantitative Spectroscopy and Radiative Transfer, 2015, 164, 8-36.	2.3	80
2	IPRT polarized radiative transfer model intercomparison project â€“ Three-dimensional test cases (phase) Tj ETQq0 0.0 rgBT /Qyerlock 10	2.3	29
3	SPARTA â€“ Solver for Polarized Atmospheric Radiative Transfer Applications: Introduction and application to Saharan dust fields. Journal of Quantitative Spectroscopy and Radiative Transfer, 2016, 178, 77-92.	2.3	15
4	The sub-adiabatic model as a concept for evaluating the representation and radiative effects of low-level clouds in a high-resolution atmospheric model. Atmospheric Chemistry and Physics, 2020, 20, 303-322.	4.9	9
5	Introducing hydrometeor orientation into all-sky microwave and submillimeter assimilation. Atmospheric Measurement Techniques, 2021, 14, 3427-3447.	3.1	9
6	Three Dimensional Radiative Effects in Passive Millimeter/Sub-Millimeter All-sky Observations. Remote Sensing, 2020, 12, 531.	4.0	9
7	Bulk hydrometeor optical properties for microwave and sub-millimetre radiative transfer in RTTOV-SCATT v13.0. Geoscientific Model Development, 2021, 14, 7497-7526.	3.6	7
8	On the accuracy of RTTOV-SCATT for radiative transfer at all-sky microwave and submillimeter frequencies. Journal of Quantitative Spectroscopy and Radiative Transfer, 2022, 283, 108137.	2.3	3
9	Fast Radiative Transfer Approximating Ice Hydrometeor Orientation and Its Implication on IWP Retrievals. Remote Sensing, 2022, 14, 1594.	4.0	1