

# Vasileios Barlakas

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/7929090/vasileios-barlakas-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

9  
papers

120  
citations

5  
h-index

10  
g-index

15  
ext. papers

142  
ext. citations

3.9  
avg, IF

2.77  
L-index

#	Paper	IF	Citations
9	IPRT polarized radiative transfer model intercomparison project [Phase A. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , <b>2015</b> , 164, 8-36	2.1	64
8	IPRT polarized radiative transfer model intercomparison project [Three-dimensional test cases (phase B). <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , <b>2018</b> , 209, 19-44	2.1	24
7	SPARTA [Solver for Polarized Atmospheric Radiative Transfer Applications: Introduction and application to Saharan dust fields. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , <b>2016</b> , 178, 77-92	2.1	11
6	Three Dimensional Radiative Effects in Passive Millimeter/Sub-Millimeter All-sky Observations. <i>Remote Sensing</i> , <b>2020</b> , 12, 531	5	6
5	Introducing hydrometeor orientation into all-sky microwave and submillimeter assimilation. <i>Atmospheric Measurement Techniques</i> , <b>2021</b> , 14, 3427-3447	4	6
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. <i>Atmospheric Chemistry and Physics</i> , <b>2020</b> , 20, 303-322	6.8	3
3	On the accuracy of RTTOV-SCATT for radiative transfer at all-sky microwave and submillimeter frequencies. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , <b>2022</b> , 283, 108137	2.1	2
2	Bulk hydrometeor optical properties for microwave and sub-millimetre radiative transfer in RTTOV-SCATT v13.0. <i>Geoscientific Model Development</i> , <b>2021</b> , 14, 7497-7526	6.3	1
1	Fast Radiative Transfer Approximating Ice Hydrometeor Orientation and Its Implication on IWP Retrievals. <i>Remote Sensing</i> , <b>2022</b> , 14, 1594	5	0