

Robert Buras-Schnell

List of Publications by Year in Descending Order

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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

242

citations

6

h-index

10

g-index

10

ext. papers

281

ext. citations

3.6

avg, IF

2.83

L-index

#	Paper	IF	Citations
9	Determination of circumsolar radiation from Meteosat Second Generation. <i>Atmospheric Measurement Techniques</i> , 2014 , 7, 823-838	4	17
8	Simulation of SEVIRI infrared channels: a case study from the Eyjafjallajökull April/May 2010 eruption. <i>Atmospheric Measurement Techniques</i> , 2013 , 6, 649-660	4	8
7	paNTICA: A Fast 3D Radiative Transfer Scheme to Calculate Surface Solar Irradiance for NWP and LES Models. <i>Journal of Applied Meteorology and Climatology</i> , 2013 , 52, 1698-1715	2.7	15
6	Radiative Transfer: Methods and Applications. <i>Research Topics in Aerospace</i> , 2012 , 401-415		1
5	Cloud-Aerosol-Radiation Interaction: Towards the EarthCARE Satellite Mission. <i>Research Topics in Aerospace</i> , 2012 , 829-842		1
4	ALIS: An efficient method to compute high spectral resolution polarized solar radiances using the Monte Carlo approach. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2011 , 112, 1622-1637	2.1	34
3	New secondary-scattering correction in DISORT with increased efficiency for forward scattering. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2011 , 112, 2028-2034	2.1	73
2	The impact of aerosols on polarized sky radiance: model development, validation, and applications. <i>Atmospheric Chemistry and Physics</i> , 2010 , 10, 383-396	6.8	91
1	Solar irradiance in the heterogeneous albedo environment of the Arctic coast: measurements and a 3-D-model study		2