

David A Rutan

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

845
citations

1307594
7
h-index

1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

1342
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface Irradiances of Edition 4.0 Clouds and the Earth's Radiant Energy System (CERES) Energy Balanced and Filled (EBAF) Data Product. <i>Journal of Climate</i> , 2018, 31, 4501-4527.	3.2	275
2	Improvements of top-of-atmosphere and surface irradiance computations with CALIPSO-, CloudSat-, and MODIS-derived cloud and aerosol properties. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	208
3	CERES Synoptic Product: Methodology and Validation of Surface Radiant Flux. <i>Journal of Atmospheric and Oceanic Technology</i> , 2015, 32, 1121-1143.	1.3	200
4	Development and assessment of broadband surface albedo from Clouds and the Earth's Radiant Energy System Clouds and Radiation Swath data product. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	75
5	An Algorithm for the Constraining of Radiative Transfer Calculations to CERES-Observed Broadband Top-of-Atmosphere Irradiance. <i>Journal of Atmospheric and Oceanic Technology</i> , 2013, 30, 1091-1106.	1.3	41
6	Cloud Effects on the Meridional Atmospheric Energy Budget Estimated from Clouds and the Earth's Radiant Energy System (CERES) Data. <i>Journal of Climate</i> , 2008, 21, 4223-4241.	3.2	26
7	Radiative Heating Rates Computed With Clouds Derived From Satellite-Based Passive and Active Sensors and their Effects on Generation of Available Potential Energy. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 1720-1740.	3.3	15
8	A Supplementary Clear-Sky Snow and Ice Recognition Technique for CERES Level 2 Products. <i>Journal of Atmospheric and Oceanic Technology</i> , 2013, 30, 557-568.	1.3	5