

# Bryan A Baum

## List of Publications by Year in descending order

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128  
papers

8,074  
citations

57631

44  
h-index

53109

85  
g-index

138  
all docs

138  
docs citations

138  
times ranked

3992  
citing authors

#	ARTICLE	IF	CITATIONS
1	The MODIS cloud products: algorithms and examples from terra. IEEE Transactions on Geoscience and Remote Sensing, 2003, 41, 459-473.	2.7	1,497
2	Spectrally Consistent Scattering, Absorption, and Polarization Properties of Atmospheric Ice Crystals at Wavelengths from 0.2 to 100 $\mu\text{m}$ . Journals of the Atmospheric Sciences, 2013, 70, 330-347.	0.6	358
3	Scattering and absorption property database for nonspherical ice particles in the near- through far-infrared spectral region. Applied Optics, 2005, 44, 5512.	2.1	284
4	CALIPSO/CALIOP Cloud Phase Discrimination Algorithm. Journal of Atmospheric and Oceanic Technology, 2009, 26, 2293-2309.	0.5	261
5	MODIS Global Cloud-Top Pressure and Amount Estimation: Algorithm Description and Results. Journal of Applied Meteorology and Climatology, 2008, 47, 1175-1198.	0.6	256
6	Bulk Scattering Properties for the Remote Sensing of Ice Clouds. Part I: Microphysical Data and Models. Journal of Applied Meteorology and Climatology, 2005, 44, 1885-1895.	1.7	220
7	Clouds and the Earth's Radiant Energy System (CERES): algorithm overview. IEEE Transactions on Geoscience and Remote Sensing, 1998, 36, 1127-1141.	2.7	218
8	Bulk Scattering Properties for the Remote Sensing of Ice Clouds. Part II: Narrowband Models. Journal of Applied Meteorology and Climatology, 2005, 44, 1896-1911.	1.7	216
9	MODIS Cloud-Top Property Refinements for Collection 6. Journal of Applied Meteorology and Climatology, 2012, 51, 1145-1163.	0.6	192
10	Improvements in Shortwave Bulk Scattering and Absorption Models for the Remote Sensing of Ice Clouds. Journal of Applied Meteorology and Climatology, 2011, 50, 1037-1056.	0.6	175
11	Remote sensing of cloud properties using MODIS airborne simulator imagery during SUCCESS: 2. Cloud thermodynamic phase. Journal of Geophysical Research, 2000, 105, 11781-11792.	3.3	157
12	On the radiative properties of ice clouds: Light scattering, remote sensing, and radiation parameterization. Advances in Atmospheric Sciences, 2015, 32, 32-63.	1.9	141
13	Scattering and absorption of light by ice particles: Solution by a new physical-geometric optics hybrid method. Journal of Quantitative Spectroscopy and Radiative Transfer, 2011, 112, 1492-1508.	1.1	132
14	Ice cloud single-scattering property models with the full phase matrix at wavelengths from 0.2 to 100 $\mu\text{m}$ . Journal of Quantitative Spectroscopy and Radiative Transfer, 2014, 146, 123-139.	1.1	126
15	Parameterization of shortwave ice cloud optical properties for various particle habits. Journal of Geophysical Research, 2002, 107, AAC 7-1.	3.3	120
16	Single-scattering properties of droxtals. Journal of Quantitative Spectroscopy and Radiative Transfer, 2003, 79-80, 1159-1169.	1.1	115
17	Remote sensing of cloud properties using MODIS airborne simulator imagery during SUCCESS: 1. Data and models. Journal of Geophysical Research, 2000, 105, 11767-11780.	3.3	106
18	Identification of cloud phase from PICASSO-CENA lidar depolarization: a multiple scattering sensitivity study. Journal of Quantitative Spectroscopy and Radiative Transfer, 2001, 70, 569-579.	1.1	90

#	ARTICLE	IF	CITATIONS
19	Validation of the community radiative transfer model. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2011, 112, 1050-1064.	1.1	87
20	Radiative properties of cirrus clouds in the infrared (8 $\mu$ m) spectral region. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2001, 70, 473-504.	1.1	79
21	Inherent and apparent scattering properties of coated or uncoated spheres embedded in an absorbing host medium. <i>Applied Optics</i> , 2002, 41, 2740.	2.1	76
22	Retrieval of semitransparent ice cloud optical thickness from atmospheric infrared sounder (AIRS) measurements. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2004, 42, 2254-2267.	2.7	76
23	Inference of ice cloud properties from high spectral resolution infrared observations. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2004, 42, 842-853.	2.7	75
24	Influence of ice particle model on satellite ice cloud retrieval: lessons learned from MODIS and POLDER cloud product comparison. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 7115-7129.	1.9	75
25	Multilayer Cloud Detection with the MODIS Near-Infrared Water Vapor Absorption Band. <i>Journal of Applied Meteorology and Climatology</i> , 2010, 49, 2315-2333.	0.6	75
26	Ice Water Path $\mu$ Optical Depth Relationships for Cirrus and Deep Stratiform Ice Cloud Layers. <i>Journal of Applied Meteorology and Climatology</i> , 2003, 42, 1369-1390.	1.7	73
27	Automated Cloud Classification of Global AVHRR Data Using a Fuzzy Logic Approach. <i>Journal of Applied Meteorology and Climatology</i> , 1997, 36, 1519-1540.	1.7	72
28	Influence of Ice Particle Surface Roughening on the Global Cloud Radiative Effect. <i>Journals of the Atmospheric Sciences</i> , 2013, 70, 2794-2807.	0.6	72
29	Cloud thermodynamic phase inferred from merged POLDER and MODIS data. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 11851-11865.	1.9	70
30	Geometrical-optics solution to light scattering by droxtal ice crystals. <i>Applied Optics</i> , 2004, 43, 2490.	2.1	69
31	Remote sensing of ice crystal asymmetry parameter using multi-directional polarization measurements $\mu$ Part 1: Methodology and evaluation with simulated measurements. <i>Atmospheric Measurement Techniques</i> , 2012, 5, 2361-2374.	1.2	65
32	A comparison of cloud top heights computed from airborne lidar and MAS radiance data using CO2slicing. <i>Journal of Geophysical Research</i> , 1999, 104, 24547-24555.	3.3	61
33	Sensitivity of cirrus bidirectional reflectance to vertical inhomogeneity of ice crystal habits and size distributions for two Moderate-Resolution Imaging Spectroradiometer (MODIS) bands. <i>Journal of Geophysical Research</i> , 2001, 106, 17267-17291.	3.3	60
34	Bulk Scattering Properties for the Remote Sensing of Ice Clouds. Part III: High-Resolution Spectral Models from 100 to 3250 cm $\mu$ 1. <i>Journal of Applied Meteorology and Climatology</i> , 2007, 46, 423-434.	0.6	59
35	Differences Between Collection 4 and 5 MODIS Ice Cloud Optical/Microphysical Products and Their Impact on Radiative Forcing Simulations. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2007, 45, 2886-2899.	2.7	59
36	High Cloud Properties from Three Years of MODIS Terra and Aqua Collection-4 Data over the Tropics. <i>Journal of Applied Meteorology and Climatology</i> , 2007, 46, 1840-1856.	0.6	58

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37	Multilevel cloud retrieval using multispectral HIRS and AVHRR data: Nighttime oceanic analysis. <i>Journal of Geophysical Research</i> , 1994, 99, 5499.	3.3	57
38	Sensitivity of the backscattering Mueller matrix to particle shape and thermodynamic phase. <i>Applied Optics</i> , 2003, 42, 4389.	2.1	54
39	Remote sensing of cloud top pressure/height from SEVIRI: analysis of ten current retrieval algorithms. <i>Atmospheric Measurement Techniques</i> , 2014, 7, 2839-2867.	1.2	54
40	Ice particle habit and surface roughness derived from PARASOL polarization measurements. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 3739-3750.	1.9	54
41	Comparison of PARASOL Observations with Polarized Reflectances Simulated Using Different Ice Habit Mixtures. <i>Journal of Applied Meteorology and Climatology</i> , 2013, 52, 186-196.	0.6	52
42	Cirrus Cloud Retrieval Using Infrared Sounding Data: Multilevel Cloud Errors. <i>Journal of Applied Meteorology and Climatology</i> , 1994, 33, 107-117.	1.7	49
43	The impact of ice particle roughness on the scattering phase matrix. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2010, 111, 2534-2549.	1.1	49
44	Retrieval of Ice Cloud Optical Thickness and Effective Particle Size Using a Fast Infrared Radiative Transfer Model. <i>Journal of Applied Meteorology and Climatology</i> , 2011, 50, 2283-2297.	0.6	48
45	Using CALIPSO to explore the sensitivity to cirrus height in the infrared observations from NPOESS/VIIIRS and GOES-ABI. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	47
46	Spectral signature of ice clouds in the far-infrared region: Single-scattering calculations and radiative sensitivity study. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	46
47	A Grouped Threshold Approach for Scene Identification in AVHRR Imagery. <i>Journal of Atmospheric and Oceanic Technology</i> , 1999, 16, 793-800.	0.5	45
48	Simulation of the color ratio associated with the backscattering of radiation by ice particles at the wavelengths of 0.532 and 1.064 $\mu\text{m}$ . <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	45
49	Cloud Property Retrieval from Multiband Infrared Measurements by Himawari-8. <i>Journal of the Meteorological Society of Japan</i> , 2018, 96B, 27-42.	0.7	45
50	Satellite Remote Sensing of Multiple Cloud Layers. <i>Journals of the Atmospheric Sciences</i> , 1995, 52, 4210-4230.	0.6	43
51	Intercomparison of multiple years of MODIS, MISR and radar cloud-top heights. <i>Annales Geophysicae</i> , 2005, 23, 2415-2424.	0.6	42
52	Assessment of the Quality of MODIS Cloud Products from Radiance Simulations. <i>Journal of Applied Meteorology and Climatology</i> , 2009, 48, 1591-1612.	0.6	42
53	Scattering database in the millimeter and submillimeter wave range of 100–1000 GHz for nonspherical ice particles. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	41
54	Study of Horizontally Oriented Ice Crystals with CALIPSO Observations and Comparison with Monte Carlo Radiative Transfer Simulations. <i>Journal of Applied Meteorology and Climatology</i> , 2012, 51, 1426-1439.	0.6	41

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55	Effect of Cavities on the Optical Properties of Bullet Rosettes: Implications for Active and Passive Remote Sensing of Ice Cloud Properties. <i>Journal of Applied Meteorology and Climatology</i> , 2008, 47, 2311-2330.	0.6	40
56	Parameterization of Shortwave and Longwave Radiative Properties of Ice Clouds for Use in Climate Models. <i>Journal of Climate</i> , 2009, 22, 6287-6312.	1.2	40
57	ATMOS/ATLAS 3 INFRARED PROFILE MEASUREMENTS OF TRACE GASES IN THE NOVEMBER 1994 TROPICAL AND SUBTROPICAL UPPER TROPOSPHERE. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 1998, 60, 891-901.	1.1	38
58	Remote sensing of cloud properties using MODIS airborne simulator imagery during SUCCESS: 3. Cloud Overlap. <i>Journal of Geophysical Research</i> , 2000, 105, 11793-11804.	3.3	38
59	Sensitivity of depolarized lidar signals to cloud and aerosol particle properties. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2006, 100, 470-482.	1.1	38
60	A Review of Ice Cloud Optical Property Models for Passive Satellite Remote Sensing. <i>Atmosphere</i> , 2018, 9, 499.	1.0	38
61	Simulation of the optical properties of plate aggregates for application to the remote sensing of cirrus clouds. <i>Applied Optics</i> , 2011, 50, 1065.	2.1	36
62	The impact of cloud vertical profile on liquid water path retrieval based on the bispectral method: A theoretical study based on large-eddy simulations of shallow marine boundary layer clouds. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 4122-4141.	1.2	35
63	The Development of Midlatitude Cirrus Models for MODIS Using FIRE-I, FIRE-II, and ARM In Situ Data. <i>Journal of Applied Meteorology and Climatology</i> , 2002, 41, 197-217.	1.7	34
64	Nighttime Multilayered Cloud Detection Using MODIS and ARM Data. <i>Journal of Applied Meteorology and Climatology</i> , 2003, 42, 905-919.	1.7	34
65	A comparison of Aqua MODIS ice and liquid water cloud physical and optical properties between collection 6 and collection 5.1: Cloud radiative effects. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 4550-4564.	1.2	33
66	Frequency and distribution of forest, savanna, and crop fires over tropical regions during PEM-Tropics A. <i>Journal of Geophysical Research</i> , 1999, 104, 5865-5876.	3.3	32
67	Retrieval of Cirrus Cloud Optical Depth under Day and Night Conditions from MODIS Collection 6 Cloud Property Data. <i>Remote Sensing</i> , 2015, 7, 7257-7271.	1.8	31
68	The spectral signature of mixed-phase clouds composed of non-spherical ice crystals and spherical liquid droplets in the terrestrial window region. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2003, 79-80, 1171-1188.	1.1	30
69	Assessment of the accuracy of the conventional ray-tracing technique: Implications in remote sensing and radiative transfer involving ice clouds. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2014, 146, 158-174.	1.1	29
70	Retrieval of Ice Cloud Properties from AIRS and MODIS Observations Based on a Fast High-Spectral-Resolution Radiative Transfer Model. <i>Journal of Applied Meteorology and Climatology</i> , 2013, 52, 710-726.	0.6	28
71	Introduction to MODIS Cloud Products. , 2006, , 74-91.		27
72	Asymptotic solutions for optical properties of large particles with strong absorption. <i>Applied Optics</i> , 2001, 40, 1532.	2.1	26

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73	Estimates of radiation over clouds and dust aerosols: Optimized number of terms in phase function expansion. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2009, 110, 1190-1198.	1.1	26
74	Use of circular cylinders as surrogates for hexagonal pristine ice crystals in scattering calculations at infrared wavelengths. <i>Applied Optics</i> , 2003, 42, 2653.	2.1	25
75	The Sensitivity of Ice Cloud Optical and Microphysical Passive Satellite Retrievals to Cloud Geometrical Thickness. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2007, 45, 1315-1323.	2.7	25
76	A fast infrared radiative transfer model based on the adding-doubling method for hyperspectral remote-sensing applications. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2007, 105, 243-263.	1.1	25
77	Comparison of MISR and MODIS cloud-top heights in the presence of cloud overlap. <i>Remote Sensing of Environment</i> , 2007, 107, 200-210.	4.6	25
78	Degree of ice particle surface roughness inferred from polarimetric observations. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 7545-7558.	1.9	25
79	Daytime Multilayered Cloud Detection Using Multispectral Imager Data. <i>Journal of Atmospheric and Oceanic Technology</i> , 2004, 21, 1145-1155.	0.5	24
80	A fast infrared radiative transfer model for overlapping clouds. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2007, 103, 447-459.	1.1	24
81	A new look at anomalous diffraction theory (ADT): Algorithm in cumulative projected-area distribution domain and modified ADT. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2004, 89, 421-442.	1.1	23
82	Diffraction and external reflection by dielectric faceted particles. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2011, 112, 163-173.	1.1	23
83	A comparison of Aqua MODIS ice and liquid water cloud physical and optical properties between collection 6 and collection 5.1: Pixel-to-pixel comparisons. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 4528-4549.	1.2	23
84	Enhanced lidar backscattering by quasi-horizontally oriented ice crystal plates in cirrus clouds. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2003, 79-80, 1139-1157.	1.1	21
85	Retrieval of cirrus properties by Sun photometry: A new perspective on an old issue. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 4503-4520.	1.2	21
86	Comparison of cloud statistics from spaceborne lidar systems. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 6965-6977.	1.9	20
87	Impact of pollution on the optical properties of trans-Pacific East Asian dust from satellite and ground-based measurements. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 5397-5409.	1.2	19
88	ATMOS/ATLAS 3 INFRARED PROFILE MEASUREMENTS OF CLOUDS IN THE TROPICAL AND SUBTROPICAL UPPER TROPOSPHERE. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 1998, 60, 903-919.	1.1	18
89	Observations and modeling of ice cloud shortwave spectral albedo during the Tropical Composition, Cloud and Climate Coupling Experiment (TC <sup>4</sup> ). <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	18
90	A fast radiative transfer model for visible through shortwave infrared spectral reflectances in clear and cloudy atmospheres. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2013, 116, 122-131.	1.1	17

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91	Estimation of the cirrus cloud scattering phase function from satellite observations. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2014, 138, 36-49.	1.1	17
92	Reprocessing of HIRS Satellite Measurements from 1980 to 2015: Development toward a Consistent Decadal Cloud Record. <i>Journal of Applied Meteorology and Climatology</i> , 2016, 55, 2397-2410.	0.6	17
93	Cloud-Property Retrieval Using Merged HIRS and AVHRR Data. <i>Journal of Applied Meteorology and Climatology</i> , 1992, 31, 351-369.	1.7	16
94	Influence of Cloud-Top Height and Geometric Thickness on a MODIS Infrared-Based Ice Cloud Retrieval. <i>Journal of Applied Meteorology and Climatology</i> , 2009, 48, 818-832.	0.6	16
95	Improvement of the Simulation of Cloud Longwave Scattering in Broadband Radiative Transfer Models. <i>Journals of the Atmospheric Sciences</i> , 2018, 75, 2217-2233.	0.6	16
96	A Multispectral Technique for Detecting Low-Level Cloudiness near Sunrise. <i>Journal of Atmospheric and Oceanic Technology</i> , 2007, 24, 1800-1810.	0.5	14
97	Relationship between ice water content and equivalent radar reflectivity for clouds consisting of nonspherical ice particles. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	14
98	Impacts of subpixel cloud heterogeneity on infrared thermodynamic phase assessment. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	13
99	Considering polarization in MODIS-based cloud property retrievals by using a vector radiative transfer code. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2014, 146, 540-548.	1.1	13
100	Detecting opaque and nonopaque tropical upper tropospheric ice clouds: A trispectral technique based on the MODIS 8.6-12.4 $\mu$ m window bands. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	12
101	Evaluating and Improving Cloud Parameter Retrievals. <i>Bulletin of the American Meteorological Society</i> , 2013, 94, ES41-ES44.	1.7	12
102	The Influence of Thermodynamic Phase on the Retrieval of Mixed-Phase Cloud Microphysical and Optical Properties in the Visible and Near-Infrared Region. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2006, 3, 287-291.	1.4	10
103	An efficient method for computing atmospheric radiances in clear-sky and cloudy conditions. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2011, 112, 109-118.	1.1	10
104	Ice Cloud Optical Thickness, Effective Radius, And Ice Water Path Inferred From Fused MISR and MODIS Measurements Based on a Pixel-Level Optimal Ice Particle Roughness Model. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 12126-12140.	1.2	9
105	A test of the ability of current bulk optical models to represent the radiative properties of cirrus cloud across the mid- and far-infrared. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 12889-12903.	1.9	9
106	A Uniform Space-Time Gridding Algorithm for Comparison of Satellite Data Products: Characterization and Sensitivity Study. <i>Journal of Applied Meteorology and Climatology</i> , 2013, 52, 255-268.	0.6	8
107	Toward Global Harmonization of Derived Cloud Products. <i>Bulletin of the American Meteorological Society</i> , 2017, 98, ES49-ES52.	1.7	8
108	Design and Implementation of a Prototype Data System for Earth Radiation Budget, Cloud, Aerosol, and Chemistry Data. <i>Bulletin of the American Meteorological Society</i> , 1993, 74, 591-598.	1.7	7

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109	Inference of an Optimal Ice Particle Model through Latitudinal Analysis of MISR and MODIS Data. Remote Sensing, 2018, 10, 1981.	1.8	6
110	An Approach for Improving Cirrus Cloud-Top Pressure/Height Estimation by Merging High-Spatial-Resolution Infrared-Window Imager Data with High-Spectral-Resolution Sounder Data. Journal of Applied Meteorology and Climatology, 2012, 51, 1477-1488.	0.6	5
111	Summary of the Fourth Cloud Retrieval Evaluation Workshop. Bulletin of the American Meteorological Society, 2015, 96, ES71-ES74.	1.7	5
112	Improvement in cloud retrievals from VIIRS through the use of infrared absorption channels constructed from VIIRS+CrIS data fusion. Atmospheric Measurement Techniques, 2020, 13, 4035-4049.	1.2	5
113	Potential nighttime contamination of CERES clear-sky fields of view by optically thin cirrus during the CRYSTAL-FACE campaign. Journal of Geophysical Research, 2006, 111, .	3.3	3
114	Correction to "Using CALIPSO to explore the sensitivity to cirrus height in the infrared observations from NPOESS/VIIRS and GOES-R/ABI". Journal of Geophysical Research, 2010, 115, .	3.3	3
115	A new approach to retrieving cirrus cloud height with a combination of MODIS 1.24 and 1.38 $\mu\text{m}$ channels. Geophysical Research Letters, 2012, 39, .	1.5	3
116	Optical Property Model for Cirrus Clouds Based on Airborne Multi-Angle Polarization Observations. Remote Sensing, 2021, 13, 2754.	1.8	3
117	Development of a GOES-R Advanced Baseline Imager Solar Channel Radiance Simulator for Ice Clouds. Journal of Applied Meteorology and Climatology, 2013, 52, 872-888.	0.6	2
118	Use of spectral cloud emissivities and their related uncertainties to infer ice cloud boundaries: methodology and assessment using CALIPSO cloud products. Atmospheric Measurement Techniques, 2019, 12, 5039-5054.	1.2	2
119	Improvement in tropospheric moisture retrievals from VIIRS through the use of infrared absorption bands constructed from VIIRS and CrIS data fusion. Atmospheric Measurement Techniques, 2021, 14, 1191-1203.	1.2	2
120	Multilayer Cloud Detection in the MODIS Collection 5 Cloud Product. , 2007, , .		2
121	Improvement of Cloud Thermodynamic Phase Assessment Using Infrared Hyperspectral Measurements. , 2007, , .		2
122	Exploration of the MODIS Cloud-Top Property Products for the Investigation of Equatorial Wave Systems. Journal of Applied Meteorology and Climatology, 2010, 49, 2050-2057.	0.6	1
123	Development of Ice Cloud Microphysical and Optical Models at Visible to Far-Infrared Wavelengths. , 2005, , .		1
124	The Next Generation of Ice Cloud Bulk Scattering/Absorption Models at Visible through Infrared Wavelengths. , 2011, , .		1
125	Hyperspectral Cloud and Aerosol Optical and Radiative Properties Modeling and Applications. , 2007, , .		0
126	Inference and Validation of Cloud Phase from MODIS, AIRS and CALIPSO Data. , 2007, , .		0



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127	Diurnal and seasonal contrasts in cloud properties from AIRS data. , 2007, , .		0
128	Sensitivity of Monthly Cloud Statistics to Space and Time Considerations. , 2011, , .		0