

# Guo-Sheng Liu

## List of Publications by Year in descending order

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147  
papers

3,925  
citations

147801

31  
h-index

155660

55  
g-index

153  
all docs

153  
docs citations

153  
times ranked

2757  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel Approach to Validate Satellite Snowfall Retrievals by Ground-Based Point Measurements. Remote Sensing, 2022, 14, 434.	4.0	2
2	Mdr3 gene mutation in preterm infants with parenteral nutrition-associated cholestasis. Molecular Genetics & Genomic Medicine, 2022, , e1875.	1.2	1
3	Percentage occurrence of global tilted deep convective clouds under strong vertical wind shear. Advances in Space Research, 2022, 69, 2433-2442.	2.6	6
4	Identification and validation of the miRNA-mRNA regulatory network in fetoplacental arterial endothelial cells of gestational diabetes mellitus. Bioengineered, 2021, 12, 3503-3515.	3.2	8
5	The Diversity of the Intestinal Flora Disturbed After Feeding Intolerance Recovery in Preterm Twins. Frontiers in Pediatrics, 2021, 9, 648979.	1.9	4
6	Sildenafil for pulmonary hypertension in neonates: An updated systematic review and meta-analysis. Pediatric Pulmonology, 2021, 56, 2399-2412.	2.0	11
7	Applications of a CloudSat-TRMM and CloudSat-GPM Satellite Coincidence Dataset. Remote Sensing, 2021, 13, 2264.	4.0	17
8	A Prognostic Nomogram for Predicting Overall Survival in Pediatric Wilms Tumor Based on an Autophagy-related Gene Signature. Combinatorial Chemistry and High Throughput Screening, 2021, 24, .	1.1	5
9	Partitioning Solid and Liquid Precipitation over the Tibetan Plateau Based on Satellite Radar Observations. Journal of Hydrometeorology, 2021, , .	1.9	2
10	The latitudinal dependence in the trend of snow event to precipitation event ratio. Scientific Reports, 2021, 11, 18112.	3.3	2
11	Effect of Probenecid on Endothelial Cell Growth Rate and Retinal Angiogenesis in an Oxygen-Induced Retinopathy Model. Frontiers in Pharmacology, 2021, 12, 717351.	3.5	3
12	The Effect of STAT3 Signal Pathway Activation on Retinopathy of Prematurity. Frontiers in Pediatrics, 2021, 9, 638432.	1.9	2
13	Assessing the accuracy and efficiency of longwave radiative transfer models involving scattering effect with cloud optical property parameterizations. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 240, 106683.	2.3	10
14	Comment on "Successfully treatment of perianal warts in a child with local hyperthermia: A case report". Dermatologic Therapy, 2020, 33, e14023.	1.7	0
15	Identification and Treatment of Tuberculosis in Pediatric Recipients of Allogeneic Hematopoietic Stem Cell Transplantation: Case Series and Review of the Literature, Infection and Drug Resistance, 2020, Volume 13, 2641-2648.	2.7	2
16	A Fundamental Climate Data Record Derived from AMSR-E, MWRI, and AMSR2. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 5450-5461.	6.3	7
17	Overexpression of MECP2 attenuates cigarette smoke extracts induced lung epithelial cell injury by promoting CYP1B1 methylation. Journal of Toxicological Sciences, 2020, 45, 177-186.	1.5	7
18	Radar Snowfall Measurement. Advances in Global Change Research, 2020, , 277-295.	1.6	4

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19	Global Satellite Mapping of Precipitation (GSMaP) Products in the GPM Era. <i>Advances in Global Change Research</i> , 2020, , 355-373.	1.6	131
20	Primary carnitine deficiency in two sisters with intractable epilepsy and reversible metabolic cardiomyopathy: Two case reports. <i>Experimental and Therapeutic Medicine</i> , 2020, 20, 1-1.	1.8	5
21	Microphysical properties of three types of snow clouds: implication for satellite snowfall retrievals. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 14491-14507.	4.9	13
22	SCN1A IVS5N+5 G>A Polymorphism and Risk of Febrile Seizure and Epilepsy: A Systematic Review and Meta-Analysis. <i>Frontiers in Neurology</i> , 2020, 11, 581539.	2.4	1
23	Effects of tacrolimus on autophagy protein LC3 in puromycin-damaged mouse podocytes. <i>Journal of International Medical Research</i> , 2020, 48, 030006052097142.	1.0	8
24	CNTF and Nrf2 Are Coordinately Involved in Regulating Self-Renewal and Differentiation of Neural Stem Cell during Embryonic Development. <i>IScience</i> , 2019, 19, 303-315.	4.1	14
25	Short-term outcomes of extremely preterm infants at discharge: a multicenter study from Guangdong province during 2008â€“2017. <i>BMC Pediatrics</i> , 2019, 19, 405.	1.7	31
26	Improving brain function of pediatric acute lymphoblastic leukemia patients after induction chemotherapy, a pilot self-contrast study by fractional amplitude of low-frequency fluctuation. <i>Journal of Clinical Neuroscience</i> , 2019, 66, 149-155.	1.5	2
27	Assessment of GPM high-frequency microwave measurements with radiative transfer simulation under snowfall conditions. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2019, 145, 1603-1616.	2.7	6
28	Beneficial Effects of Probiotic Treatment on Gut Microbiota in Very Low Birth Weight Infants. <i>Gastroenterology Research and Practice</i> , 2019, 2019, 1-7.	1.5	8
29	Satellite-Based Assessment of Various Cloud Microphysics Schemes in Simulating Typhoon Hydrometeors. <i>Advances in Meteorology</i> , 2019, 2019, 1-19.	1.6	4
30	A Study of Congenital Protein C Deficiency With Infancy Onset of CADASIL in a Chinese Baby. <i>Journal of Pediatric Hematology/Oncology</i> , 2019, 41, e210-e215.	0.6	3
31	A Simplified Algorithm to Estimate Latent Heating Rate Using Vertical Rainfall Profiles Over the Tibetan Plateau. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 942-963.	3.3	16
32	High Glucose Level Induces Cardiovascular Dysplasia During Early Embryo Development. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 2019, 127, 590-597.	1.2	8
33	Eupatilin Alleviates Lipopolysaccharide-Induced Acute Lung Injury by Inhibiting Inflammation and Oxidative Stress. <i>Medical Science Monitor</i> , 2019, 25, 8289-8296.	1.1	23
34	Simulation of the capability of Ku, Ka and W tri-frequency satellite-borne radar measuring the three-dimensional structure of cloud and precipitation. <i>Chinese Science Bulletin</i> , 2019, 64, 430-443.	0.7	3
35	Negative impact of hyperglycaemia on mouse alveolar development. <i>Cell Cycle</i> , 2018, 17, 80-91.	2.6	11
36	Impact of the surface wind flow on precipitation characteristics over the southern Himalayas: GPM observations. <i>Atmospheric Research</i> , 2018, 202, 10-22.	4.1	24

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37	Precipitation characteristics over the steep slope of the Himalayas in rainy season observed by TRMM PR and VIRS. <i>Climate Dynamics</i> , 2018, 51, 1971-1989.	3.8	51
38	Multiple Factors Explaining the Deficiency of Cloud Profiling Radar on Detecting Oceanic Warm Clouds. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 8135-8158.	3.3	7
39	Toward Improving Ice Water Content and Snow-Rate Retrievals from Radars. Part II: Results from Three Wavelength Radar Collocated In Situ Measurements and CloudSat GPM TRMM Radar Data. <i>Journal of Applied Meteorology and Climatology</i> , 2018, 57, 365-389.	1.5	29
40	Preliminary investigation on the abnormal mechanism of CD4+FOXP3+CD25high regulatory T cells in pediatric cell acute lymphoblastic leukemia. <i>Experimental and Therapeutic Medicine</i> , 2018, 16, 1433-1441.	1.8	9
41	Arbitrary shaped beam scattering from a chiral-coated conducting object with arbitrary monochromatic illumination. <i>Scientific Reports</i> , 2018, 8, 12350.	3.3	1
42	The association between surfactant protein B gene variation and bronchopulmonary dysplasia in Chinese premature newborns. <i>International Journal of Clinical and Experimental Pathology</i> , 2018, 11, 3753-3758.	0.5	0
43	Altered brain function in new onset childhood acute lymphoblastic leukemia before chemotherapy: A resting-state fMRI study. <i>Brain and Development</i> , 2017, 39, 743-750.	1.1	9
44	Observed differences of triple-frequency radar signatures between snowflakes in stratiform and convective clouds. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2017, 193, 13-20.	2.3	22
45	Dependence of the Ice Water Content and Snowfall Rate on Temperature, Globally: Comparison of in Situ Observations, Satellite Active Remote Sensing Retrievals, and Global Climate Model Simulations. <i>Journal of Applied Meteorology and Climatology</i> , 2017, 56, 189-215.	1.5	25
46	Lateral Boundary of Cirrus Cloud from CALIPSO Observations. <i>Scientific Reports</i> , 2017, 7, 14221.	3.3	7
47	Dynamic oropharyngeal and faecal microbiota during treatment in infants hospitalized for bronchiolitis compared with age-matched healthy subjects. <i>Scientific Reports</i> , 2017, 7, 11266.	3.3	8
48	Methylation of CDKN2B CpG islands is associated with upregulated telomerase activity in children with acute lymphoblastic leukemia. <i>Oncology Letters</i> , 2017, 13, 2115-2120.	1.8	8
49	Evaluation of Atmospheric Precipitable Water Characteristics and Trends in Mainland China from 1995 to 2012. <i>Journal of Climate</i> , 2017, 30, 8673-8688.	3.2	18
50	Regulating effect of glycyrrhetic acid on bronchial asthma smooth muscle proliferation and apoptosis as well as inflammatory factor expression through ERK1/2 signaling pathway. <i>Asian Pacific Journal of Tropical Medicine</i> , 2017, 10, 1172-1176.	0.8	9
51	Grid-cell aerosol direct shortwave radiative forcing calculated using the SBDART model with MODIS and AERONET observations: An application in winter and summer in eastern China. <i>Advances in Atmospheric Sciences</i> , 2017, 34, 952-964.	4.3	17
52	Identification of precipitation onset based on Cloudsat observations. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2017, 188, 142-147.	2.3	7
53	Developing an A Priori Database for Passive Microwave Snow Water Retrievals Over Ocean. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 12,960.	3.3	5
54	Association of MTP gene variants with pediatric NAFLD: A candidate-gene-based analysis of single nucleotide variations in obese children. <i>PLoS ONE</i> , 2017, 12, e0185396.	2.5	12

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55	Nrf2 signalling and autophagy are involved in diabetes mellitus-induced defects in the development of mouse placenta. <i>Open Biology</i> , 2016, 6, 160064.	3.6	32
56	Assessing the Radiative Effects of Global Ice Clouds Based on CloudSat and CALIPSO Measurements. <i>Journal of Climate</i> , 2016, 29, 7651-7674.	3.2	82
57	Effects of oxidative stress on hyperglycaemia-induced brain malformations in a diabetes mouse model. <i>Experimental Cell Research</i> , 2016, 347, 201-211.	2.6	14
58	Recent Trends of Summer Convective and Stratiform Precipitation in Mid-Eastern China. <i>Scientific Reports</i> , 2016, 6, 33044.	3.3	19
59	Optimization of Cloud-Radiation Databases for Passive Microwave Precipitation Retrievals over Ocean. <i>Journal of Atmospheric and Oceanic Technology</i> , 2016, 33, 1649-1671.	1.3	5
60	A Lagrangian view of longwave radiative fluxes for understanding the direct heating response to a CO <sub>2</sub> increase. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 6191-6214.	3.3	8
61	Voronoi diagram-based spheroid model for microwave scattering of complex snow aggregates. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2016, 170, 28-44.	2.3	15
62	Analysis of mutations of MDR3 exons 9 and 23 in infants with parenteral nutrition-associated cholestasis. <i>Experimental and Therapeutic Medicine</i> , 2015, 10, 2361-2365.	1.8	3
63	Impact of atmospheric circulations on aerosol distributions in autumn over eastern China: observational evidence. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 12115-12138.	4.9	48
64	Investigating the Mechanism of Hyperglycemia-Induced Fetal Cardiac Hypertrophy. <i>PLoS ONE</i> , 2015, 10, e0139141.	2.5	50
65	The Characteristics of Ice Cloud Properties Derived from CloudSat and CALIPSO Measurements. <i>Journal of Climate</i> , 2015, 28, 3880-3901.	3.2	83
66	Long-Term Comparison of Collocated Instantaneous Rain Retrievals from the TRMM Microwave Imager and Precipitation Radar over the Ocean. <i>Journal of Applied Meteorology and Climatology</i> , 2015, 54, 867-879.	1.5	7
67	A Parameterization of the Probability of Snow-Rain Transition. <i>Journal of Hydrometeorology</i> , 2015, 16, 1466-1477.	1.9	106
68	Fast Multidimensional Ensemble Empirical Mode Decomposition Using a Data Compression Technique. <i>Journal of Climate</i> , 2014, 27, 3492-3504.	3.2	23
69	Principal Components of Multifrequency Microwave Land Surface Emissivities. Part II: Effects of Previous-Time Precipitation. <i>Journal of Hydrometeorology</i> , 2014, 15, 20-37.	1.9	17
70	Reflection and transmission of Gaussian beam by a uniaxial anisotropic slab. <i>Optics Express</i> , 2014, 22, 3705.	3.4	23
71	A Study of the Distribution and Variability of Cloud Water Using ISCCP, SSM/I Cloud Product, and Reanalysis Datasets. <i>Journal of Climate</i> , 2014, 27, 3114-3128.	3.2	9
72	Size controlling of monodisperse carboxymethyl cellulose microparticles via a microfluidic process. <i>Journal of Applied Polymer Science</i> , 2014, 131, .	2.6	8

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73	Scattering Computations of Snow Aggregates From Simple Geometrical Particle Models. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2013, 6, 1409-1417.	4.9	21
74	Detecting snowfall over land by satellite high-frequency microwave observations: The lack of scattering signature and a statistical approach. Journal of Geophysical Research D: Atmospheres, 2013, 118, 1376-1387.	3.3	66
75	Modeling the microwave single-scattering properties of aggregate snowflakes. Journal of Geophysical Research D: Atmospheres, 2013, 118, 7873-7885.	3.3	44
76	Liquid water in snowing clouds: Implications for satellite remote sensing of snowfall. Atmospheric Research, 2013, 131, 60-72.	4.1	39
77	Ozone vertical variations during a typhoon derived from the OMI observations and reanalysis data. Science Bulletin, 2013, 58, 3890-3894.	1.7	10
78	In Situ Aircraft Measurements of the Vertical Distribution of Liquid and Ice Water Content in Midlatitude Mixed-Phase Clouds. Journal of Applied Meteorology and Climatology, 2013, 52, 269-279.	1.5	38
79	Gaussian beam scattering by a rotationally uniaxial anisotropic sphere. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2012, 29, 2376.	1.5	10
80	The relationship between surface rainrate and water paths and its implications to satellite rainrate retrieval. Journal of Geophysical Research, 2012, 117, .	3.3	24
81	An Analysis of Rainfall Measurements over Different Spatio-Temporal Scales and Potential Implications for Uncertainty in Satellite Data Validation. Journal of the Meteorological Society of Japan, 2012, 90, 439-448.	1.8	10
82	On the sensitivity of Tropical Rainfall Measuring Mission (TRMM) Microwave Imager channels to overland rainfall. Journal of Geophysical Research, 2011, 116, .	3.3	18
83	The Varying Response of Microwave Signatures to Different Types of Overland Rainfall Found over the Korean Peninsula. Journal of Atmospheric and Oceanic Technology, 2010, 27, 785-792.	1.3	4
84	On classifying rain types using satellite microwave observations. Journal of Geophysical Research, 2010, 115, .	3.3	17
85	GSMaP Passive Microwave Precipitation Retrieval Algorithm : Algorithm Description and Validation. Journal of the Meteorological Society of Japan, 2009, 87A, 119-136.	1.8	270
86	A Critical Examination of the Observed First Aerosol Indirect Effect. Journals of the Atmospheric Sciences, 2009, 66, 1018-1032.	1.7	21
87	Toward snowfall retrieval over land by combining satellite and in situ measurements. Journal of Geophysical Research, 2009, 114, .	3.3	33
88	A new water vapor algorithm for TRMM Microwave Imager (TMI) measurements based on a log linear relationship. Journal of Geophysical Research, 2009, 114, .	3.3	29
89	Effect of phototherapy on blood endothelin and nitric oxide levels: clinical significance in preterm infants. World Journal of Pediatrics, 2008, 4, 31-35.	1.8	20
90	Deriving snow cloud characteristics from CloudSat observations. Journal of Geophysical Research, 2008, 113, .	3.3	143

#	ARTICLE	IF	CITATIONS
91	A Database of Microwave Single-Scattering Properties for Nonspherical Ice Particles. Bulletin of the American Meteorological Society, 2008, 89, 1563-1570.	3.3	213
92	Improvement of Microwave Rainfall Retrievals in Bayesian Retrieval Algorithms. Journal of the Meteorological Society of Japan, 2008, 86, 405-409.	1.8	5
93	Wakasa Bay: An AMSR Precipitation Validation Campaign. Bulletin of the American Meteorological Society, 2007, 88, 551-558.	3.3	21
94	Possible Misidentification of Rain Type by TRMM PR over Tibetan Plateau. Journal of Applied Meteorology and Climatology, 2007, 46, 667-672.	1.5	60
95	Physical Validation of Microwave Properties of Winter Precipitation Over the Sea of Japan. IEEE Transactions on Geoscience and Remote Sensing, 2007, 45, 2247-2258.	6.3	3
96	How TRMM precipitation radar and microwave imager retrieved rain rates differ. Geophysical Research Letters, 2007, 34, .	4.0	18
97	Adaptation of a model-generated cloud database to satellite observations. Geophysical Research Letters, 2007, 34, .	4.0	8
98	A Note on Systematic Errors in Bayesian Retrieval Algorithms. Journal of the Meteorological Society of Japan, 2007, 85, 69-74.	1.8	7
99	Tower mast of precipitation over the central Tibetan Plateau summer. Geophysical Research Letters, 2006, 33, .	4.0	79
100	Development of a snowfall retrieval algorithm at high microwave frequencies. Journal of Geophysical Research, 2006, 111, .	3.3	53
101	Determination of 3D Cloud Ice Water Contents by Combining Multiple Data Sources from Satellite, Ground Radar, and a Numerical Model. Journal of Applied Meteorology and Climatology, 2006, 45, 1494-1504.	1.5	17
102	Small-Scale Horizontal Rain-Rate Variability Observed by Satellite. Monthly Weather Review, 2006, 134, 2722-2733.	1.4	21
103	Influence of mixing on evaluation of the aerosol first indirect effect. Geophysical Research Letters, 2006, 33, .	4.0	17
104	Retrievals of cloud ice water path by combining ground cloud radar and satellite high-frequency microwave measurements near the ARM SGP site. Journal of Geophysical Research, 2005, 110, n/a-n/a.	3.3	33
105	Why is the satellite observed aerosol's indirect effect so variable?. Geophysical Research Letters, 2005, 32, .	4.0	11
106	Approximation of Single Scattering Properties of Ice and Snow Particles for High Microwave Frequencies. Journals of the Atmospheric Sciences, 2004, 61, 2441-2456.	1.7	133
107	Detecting drizzle in marine warm clouds using combined visible, infrared, and microwave satellite data. Journal of Geophysical Research, 2004, 109, .	3.3	16
108	Subpixel-scale variability of rainfall and its application to mitigate the beam-filling problem. Journal of Geophysical Research, 2004, 109, .	3.3	19



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109	Modeling Carbon Sequestration over the Large-Scale Amazon Basin, Aided by Satellite Observations. Part I: Wet- and Dry-Season Surface Radiation Budget Flux and Precipitation Variability Based on GOES Retrievals. <i>Journal of Applied Meteorology and Climatology</i> , 2004, 43, 870-886.	1.7	6
110	Diurnal Variations of Snow Precipitation in Wakasa Bay during Winter. <i>Journal of the Meteorological Society of Japan</i> , 2004, 82, 1117-1128.	1.8	0
111	SATELLITE MICROWAVE REMOTE SENSING OF CLOUDS AND PRECIPITATION. <i>World Scientific Series on Asia-Pacific Weather and Climate</i> , 2004, , 397-420.	0.2	1
112	Seasonal characteristics of precipitation in 1998 over East Asia as derived from TRMM PR. <i>Advances in Atmospheric Sciences</i> , 2003, 20, 511-529.	4.3	59
113	Retrieval of cloud droplet size from visible and microwave radiometric measurements during INDOEX: Implication to aerosols' indirect radiative effect. <i>Journal of Geophysical Research</i> , 2003, 108, AAC 2-1.	3.3	36
114	Precipitation Characteristics in Mid-Latitude East Asia as Observed by TRMM PR and TMI. <i>Journal of the Meteorological Society of Japan</i> , 2003, 81, 1353-1369.	1.8	50
115	Observation and Interpretation of Microwave Cloud Signatures over the Arctic Ocean during Winter. <i>Journal of Applied Meteorology and Climatology</i> , 2003, 42, 51-64.	1.7	12
116	Determination of cloud and precipitation characteristics in the monsoon region using satellite microwave and infrared observations. <i>Mausam</i> , 2003, 54, 51-66.	0.1	8
117	Potential for estimating cloud liquid water path over sea ice from airborne passive microwave measurements. <i>Journal of Geophysical Research</i> , 2002, 107, AAC 7-1.	3.3	5
118	Retrieval and characterization of cloud liquid water path using airborne passive microwave data during INDOEX. <i>Journal of Geophysical Research</i> , 2001, 106, 28719-28730.	3.3	13
119	The Variability of Tropical Precipitation Profiles and Its Impact on Microwave Brightness Temperatures as Inferred from TRMM Data. <i>Journal of Applied Meteorology and Climatology</i> , 2001, 40, 2130-2143.	1.7	54
120	The Characteristics of Tropical Precipitation Profiles As Inferred From Satellite Radar Measurements.. <i>Journal of the Meteorological Society of Japan</i> , 2001, 79, 131-143.	1.8	81
121	<title>Passive microwave precipitation retrievals using TMI during the Baiu period of 1998</title>. , 2000, , .		3
122	Passive Microwave Precipitation Retrievals Using TMI during the Baiu Period of 1998. Part I: Algorithm Description and Validation. <i>Journal of Applied Meteorology and Climatology</i> , 2000, 39, 2024-2037.	1.7	52
123	Determination of Ice Water Path and Mass Median Particle Size Using Multichannel Microwave Measurements. <i>Journal of Applied Meteorology and Climatology</i> , 2000, 39, 1318-1329.	1.7	33
124	The Response of 36- and 89-GHz Microwave Channels to Convective Snow Clouds over Ocean: Observation and Modeling. <i>Journal of Applied Meteorology and Climatology</i> , 2000, 39, 2322-2335.	1.7	25
125	Direct Assimilation of Multichannel Microwave Brightness Temperatures and Impact on Mesoscale Numerical Weather Prediction over the TOGA COARE Domain. <i>Journal of the Meteorological Society of Japan</i> , 1999, 77, 771-794.	1.8	5
126	High-Resolution Satellite-Derived Dataset of the Surface Fluxes of Heat, Freshwater, and Momentum for the TOGA COARE IOP. <i>Bulletin of the American Meteorological Society</i> , 1999, 80, 2059-2080.	3.3	41



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127	Tropical Ice Water Amount and Its Relations to Other Atmospheric Hydrological Parameters as Inferred from Satellite Data. <i>Journal of Applied Meteorology and Climatology</i> , 1999, 38, 1182-1194.	1.7	23
128	A Fast and Accurate Model for Microwave Radiance Calculations. <i>Journal of the Meteorological Society of Japan</i> , 1998, 76, 335-343.	1.8	132
129	Remote Sensing of Ice Water Characteristics in Tropical Clouds Using Aircraft Microwave Measurements. <i>Journal of Applied Meteorology and Climatology</i> , 1998, 37, 337-355.	1.7	34
130	An Investigation of the Relationship between Emission and Scattering Signals in SSM/I Data. <i>Journals of the Atmospheric Sciences</i> , 1998, 55, 1628-1643.	1.7	20
131	Vertical stratification of tropical cloud properties as determined from satellite. <i>Journal of Geophysical Research</i> , 1997, 102, 4231-4245.	3.3	28
132	Precipitation characteristics in Greenland-Iceland-Norwegian Seas determined by using satellite microwave data. <i>Journal of Geophysical Research</i> , 1997, 102, 13987-13997.	3.3	38
133	Large-scale cloud features during January 1993 in the North Atlantic Ocean as determined from SSM/I and SSM/T2 observations. <i>Journal of Geophysical Research</i> , 1996, 101, 7019-7032.	3.3	21
134	Satellite retrieval of tropical precipitation using combined International Satellite Cloud Climatology Project DX and SSM/I Data. <i>Journal of Geophysical Research</i> , 1996, 101, 21291-21301.	3.3	9
135	An Over-Ocean Precipitation Retrieval Using SSM/I Multichannel Brightness Temperatures. <i>Journal of the Meteorological Society of Japan</i> , 1996, 74, 617-637.	1.8	34
136	Study of tropical cyclogenesis using satellite data. <i>Meteorology and Atmospheric Physics</i> , 1995, 56, 111-123.	2.0	11
137	Classification of clouds over the western equatorial Pacific Ocean using combined infrared and microwave satellite data. <i>Journal of Geophysical Research</i> , 1995, 100, 13811.	3.3	97
138	Atmospheric humidity variations associated with westerly wind bursts during Tropical Ocean Global Atmosphere (TOGA) Coupled Ocean Atmosphere Response Experiment (COARE). <i>Journal of Geophysical Research</i> , 1995, 100, 25759.	3.3	21
139	Atmospheric water balance in Typhoon Nina as determined from SSM/I satellite data. <i>Meteorology and Atmospheric Physics</i> , 1994, 54, 141-156.	2.0	11
140	Determination of characteristic features of cloud liquid water from satellite microwave measurements. <i>Journal of Geophysical Research</i> , 1993, 98, 5069-5092.	3.3	79
141	Assessment of Aircraft Icing Potential Using Satellite Data. <i>Journal of Applied Meteorology and Climatology</i> , 1992, 31, 605-621.	1.7	14
142	Retrieval of precipitation from satellite microwave measurement using both emission and scattering. <i>Journal of Geophysical Research</i> , 1992, 97, 9959-9974.	3.3	94
143	Observation of the Degree of Glaciation in Middle-Level Stratiform Clouds. <i>Journal of the Meteorological Society of Japan</i> , 1988, 66, 645-660.	1.8	6
144	Estimation of Atmospheric Liquid-Water Amount by Nimbus 7 SMMR Data. <i>Journal of the Meteorological Society of Japan</i> , 1987, 65, 931-947.	1.8	18

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145	Principal study of the FM radar for improving the accuracy in quantitative rainfall rate measurement. Advances in Atmospheric Sciences, 1985, 2, 341-346.	4.3	0
146	Precipitation retrieval from AMSR. , 0, , .		0
147	Variability of rain profiles and its impact on microwave precipitation remote sensing as inferred from TRMM PR and TMI. , 0, , .		0