

Rachel Pinker

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149
papers

9,239
citations

41
h-index

94
g-index

153
ext. papers

10,211
ext. citations

4.8
avg. IF

5.58
L-index

#	Paper	IF	Citations
149	An emerging ground-based aerosol climatology: Aerosol optical depth from AERONET. <i>Journal of Geophysical Research</i> , 2001 , 106, 12067-12097		1459
148	The multi-institution North American Land Data Assimilation System (NLDAS): Utilizing multiple GCIP products and partners in a continental distributed hydrological modeling system. <i>Journal of Geophysical Research</i> , 2004 , 109,		847
147	Baseline Surface Radiation Network (BSRN/WCRP): New Precision Radiometry for Climate Research. <i>Bulletin of the American Meteorological Society</i> , 1998 , 79, 2115-2136	6.1	665
146	Use of NDVI and Land Surface Temperature for Drought Assessment: Merits and Limitations. <i>Journal of Climate</i> , 2010 , 23, 618-633	4.4	478
145	Modeling Surface Solar Irradiance for Satellite Applications on a Global Scale. <i>Journal of Applied Meteorology and Climatology</i> , 1992 , 31, 194-211		44 ^o
144	Do satellites detect trends in surface solar radiation?. <i>Science</i> , 2005 , 308, 850-4	33.3	355
143	Real-time and retrospective forcing in the North American Land Data Assimilation System (NLDAS) project. <i>Journal of Geophysical Research</i> , 2003 , 108,		284
142	Climatological aspects of the optical properties of fine/coarse mode aerosol mixtures. <i>Journal of Geophysical Research</i> , 2010 , 115,		276
141	Aerosol radiative forcing during dust events over New Delhi, India. <i>Journal of Geophysical Research</i> , 2008 , 113,		191
140	A review of satellite methods to derive surface shortwave irradiance. <i>Remote Sensing of Environment</i> , 1995 , 51, 108-124	13.2	186
139	Surface radiation budgets in support of the GEWEX Continental-Scale International Project (GCIP) and the GEWEX Americas Prediction Project (GAPP), including the North American Land Data Assimilation System (NLDAS) project. <i>Journal of Geophysical Research</i> , 2003 , 108,		174
138	Estimating Photosynthetically Active Radiation (PAR) at the earth's surface from satellite observations. <i>Remote Sensing of Environment</i> , 1995 , 51, 98-107	13.2	168
137	Diurnal variability of aerosol optical depth observed at AERONET (Aerosol Robotic Network) sites. <i>Geophysical Research Letters</i> , 2002 , 29, 30-1-30-4	4.9	161
136	Evaluation of the North American Land Data Assimilation System over the southern Great Plains during the warm season. <i>Journal of Geophysical Research</i> , 2003 , 108,		144
135	Estimation of land surface temperature from a Geostationary Operational Environmental Satellite (GOES-8). <i>Journal of Geophysical Research</i> , 2003 , 108,		140
134	Snow process modeling in the North American Land Data Assimilation System (NLDAS): 2. Evaluation of model simulated snow water equivalent. <i>Journal of Geophysical Research</i> , 2003 , 108,		137
133	Streamflow and water balance intercomparisons of four land surface models in the North American Land Data Assimilation System project. <i>Journal of Geophysical Research</i> , 2004 , 109,		126

132	First Global WCRP Shortwave Surface Radiation Budget Dataset. <i>Bulletin of the American Meteorological Society</i> , 1995 , 76, 905-922	6.1	121
131	High-Latitude Ocean and Sea Ice Surface Fluxes: Challenges for Climate Research. <i>Bulletin of the American Meteorological Society</i> , 2013 , 94, 403-423	6.1	113
130	Validation of the North American Land Data Assimilation System (NLDAS) retrospective forcing over the southern Great Plains. <i>Journal of Geophysical Research</i> , 2003 , 108,		113
129	Global Distribution of Photosynthetically Active Radiation as Observed from Satellites. <i>Journal of Climate</i> , 1992 , 5, 56-65	4.4	104
128	Modeling Surface Solar Radiation: Model Formulation and Validation. <i>Journal of Climate and Applied Meteorology</i> , 1985 , 24, 389-401		97
127	Intercomparison of shortwave radiative transfer schemes in global aerosol modeling: results from the AeroCom Radiative Transfer Experiment. <i>Atmospheric Chemistry and Physics</i> , 2013 , 13, 2347-2379	6.8	85
126	Snow process modeling in the North American Land Data Assimilation System (NLDAS): 1. Evaluation of model-simulated snow cover extent. <i>Journal of Geophysical Research</i> , 2003 , 108,		83
125	Evaluation of AERONET precipitable water vapor versus microwave radiometry, GPS, and radiosondes at ARM sites. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014 , 119, 9596-9613	4.4	76
124	Shortwave radiative fluxes from MODIS: Model development and implementation. <i>Journal of Geophysical Research</i> , 2009 , 114,		76
123	An Interdisciplinary Field Study of the Energy and Water Fluxes in the Atmospheric-Biosphere System over Semiarid Rangelands: Description and Some Preliminary Results. <i>Bulletin of the American Meteorological Society</i> , 1991 , 72, 1683-1705	6.1	71
122	Land surface model spin-up behavior in the North American Land Data Assimilation System (NLDAS). <i>Journal of Geophysical Research</i> , 2003 , 108,		70
121	The albedo of a tropical evergreen forest. <i>Quarterly Journal of the Royal Meteorological Society</i> , 1980 , 106, 551-558	6.4	70
120	Air-Sea Fluxes With a Focus on Heat and Momentum. <i>Frontiers in Marine Science</i> , 2019 , 6,	4.5	57
119	Aerosol radiative forcing over a tropical urban site in India. <i>Geophysical Research Letters</i> , 2004 , 31, n/a-n/a	4.9	57
118	Evaluation of satellite estimates of downward shortwave radiation over the Tibetan Plateau. <i>Journal of Geophysical Research</i> , 2008 , 113,		54
117	Diurnal temperature range over the United States: A satellite view. <i>Geophysical Research Letters</i> , 2006 , 33,	4.9	54
116	Modeling shortwave radiative fluxes from satellites. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		51
115	A Climate Data Record (CDR) for the global terrestrial water budget: 1984-2010. <i>Hydrology and Earth System Sciences</i> , 2018 , 22, 241-263	5.5	51

114	Evaluation and Comparison of MODIS and IMS Snow-Cover Estimates for the Continental United States Using Station Data. <i>Journal of Hydrometeorology</i> , 2005 , 6, 1002-1017	3.7	50
113	Review and assessment of latent and sensible heat flux accuracy over the global oceans. <i>Remote Sensing of Environment</i> , 2017 , 201, 196-218	13.2	46
112	Preface paper to the Semi-Arid Land-Surface-Atmosphere (SALSA) Program special issue. <i>Agricultural and Forest Meteorology</i> , 2000 , 105, 3-20	5.8	44
111	Evaluation of Satellite Estimates of Land Surface Temperature from GOES over the United States. <i>Journal of Applied Meteorology and Climatology</i> , 2009 , 48, 167-180	2.7	43
110	A dust outbreak episode in sub-Sahel West Africa. <i>Journal of Geophysical Research</i> , 2001 , 106, 22923-22930		43
109	Retrieval of surface temperature from the MSG-SEVIRI observations: Part I. Methodology. <i>International Journal of Remote Sensing</i> , 2007 , 28, 5255-5272	3.1	42
108	A global view of aerosols from merged transport models, satellite, and ground observations. <i>Journal of Geophysical Research</i> , 2005 , 110,		39
107	Surface Radiation Budget from Satellites. <i>Monthly Weather Review</i> , 1984 , 112, 209-215	2.4	39
106	Intraseasonal Latent Heat Flux Based on Satellite Observations. <i>Journal of Climate</i> , 2009 , 22, 4539-4556	4.4	38
105	Land Surface Temperature Estimation from the Next Generation of Geostationary Operational Environmental Satellites: GOES MQ. <i>Journal of Applied Meteorology and Climatology</i> , 2004 , 43, 363-372		35
104	Determination of surface albedo from satellites. <i>Advances in Space Research</i> , 1985 , 5, 333-343	2.4	34
103	Case Study of Soil Moisture Effect on Land Surface Temperature Retrieval. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2004 , 1, 127-130	4.1	31
102	Implementation of GOES-based land surface temperature diurnal cycle to AVHRR. <i>International Journal of Remote Sensing</i> , 2005 , 26, 3975-3984	3.1	31
101	How good are ocean buoy observations of radiative fluxes?. <i>Geophysical Research Letters</i> , 2009 , 36,	4.9	29
100	The Energy Balance of a Tropical Evergreen Forest. <i>Journal of Applied Meteorology</i> , 1980 , 19, 1341-1350		29
99	Solar radiation and evapotranspiration in northern Mexico estimated from remotely sensed measurements of cloudiness. <i>Hydrological Sciences Journal</i> , 2001 , 46, 465-478	3.5	28
98	Cloud Variability over the Indian Monsoon Region as Observed from Satellites. <i>Journal of Applied Meteorology and Climatology</i> , 2009 , 48, 1803-1821	2.7	27
97	Characteristic spectral reflectance of a semi-arid environment. <i>International Journal of Remote Sensing</i> , 1995 , 16, 1341-1363	3.1	27

96	The microclimate of a dry tropical forest. <i>Agricultural Meteorology</i> , 1980 , 22, 249-265		27
95	Seasonal asymmetry in diurnal variation of aerosol optical characteristics over Pune, western India. <i>Journal of Geophysical Research</i> , 2007 , 112,		26
94	Himawari-8-derived diurnal variations in ground-level PM _{2.5} pollution across China using the fast space-time Light Gradient Boosting Machine (LightGBM). <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 7863-7880	6.8	26
93	Basin-scale solar irradiance estimates in semiarid regions using GOES 7. <i>Water Resources Research</i> , 1994 , 30, 1375-1386	5.4	25
92	Investigation of the "elevated heat pump" hypothesis of the Asian monsoon using satellite observations. <i>Atmospheric Chemistry and Physics</i> , 2014 , 14, 8749-8761	6.8	24
91	Radiative effects of aerosols in sub-Sahel Africa: Dust and biomass burning. <i>Journal of Geophysical Research</i> , 2010 , 115,		24
90	Geostationary satellite parameters for surface energy balance. <i>Advances in Space Research</i> , 2002 , 30, 2427-2432	2.4	24
89	Seasonal Variations in Diurnal Temperature Range From Satellites and Surface Observations. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2006 , 44, 2779-2785	8.1	23
88	Characteristic aerosol optical depths during the Harmattan Season on sub-Sahara Africa. <i>Geophysical Research Letters</i> , 1994 , 21, 685-688	4.9	22
87	Estimates of net heat fluxes over the Atlantic Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2014 , 119, 410-427	3.3	20
86	SHORTWAVE RADIATIVE CLOUD FORCING IN THE TROPICAL PACIFIC INCLUDING THE 1982-1983 AND 1987 EL NIÑOs. <i>International Journal of Climatology</i> , 1996 , 16, 1-13	3.5	20
85	Shortwave cloud-radiative forcing at the top of the atmosphere at the surface and of the atmospheric column as determined from ISCCP C1 data. <i>Journal of Geophysical Research</i> , 1993 , 98, 2703-2713		20
84	The Relationship between the Planetary and Surface Net Radiation. <i>Journal of Climate and Applied Meteorology</i> , 1985 , 24, 1262-1268		20
83	Effect of surface properties on the narrow to broadband spectral relationship in clear sky satellite observations. <i>Remote Sensing of Environment</i> , 1986 , 20, 267-282	13.2	19
82	Estimating surface longwave radiative fluxes from satellites utilizing artificial neural networks. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		18
81	Radiative fluxes at high latitudes. <i>Geophysical Research Letters</i> , 2010 , 37, n/a-n/a	4.9	18
80	Daytime net radiation estimated for a semiarid rangeland basin from remotely sensed data. <i>Agricultural and Forest Meteorology</i> , 1994 , 71, 337-357	5.8	17
79	Wind and temperature profile characteristics in a tropical evergreen forest in Thailand. <i>Tellus</i> , 1975 , 27, 562-573		17

78	Toward improved satellite estimates of short-wave radiative fluxes: Focus on cloud detection over snow: 2. Results. <i>Journal of Geophysical Research</i> , 2007 , 112,		16
77	Impact of Ingesting Satellite-Derived Cloud Cover into the Regional Atmospheric Modeling System. <i>Monthly Weather Review</i> , 2002 , 130, 610-628	2.4	16
76	Satellite estimates of surface radiative fluxes for the extended San Pedro Basin: sensitivity to aerosols. <i>Agricultural and Forest Meteorology</i> , 2000 , 105, 43-54	5.8	16
75	Remote sensing of aerosol optical characteristics in sub-Sahel, West Africa. <i>Journal of Geophysical Research</i> , 2001 , 106, 28347-28356		16
74	Radiative flux opens new window on climate research. <i>Eos</i> , 1995 , 76, 145-145	1.5	16
73	Full-coverage mapping and spatiotemporal variations of ground-level ozone (O ₃) pollution from 2013 to 2020 across China. <i>Remote Sensing of Environment</i> , 2021 , 270, 112775	13.2	16
72	Turbulence structure of a tropical forest. <i>Boundary-Layer Meteorology</i> , 1988 , 43, 43-63	3.4	15
71	The Role of Daily Surface Forcing in the Upper Ocean over the Tropical Pacific: A Numerical Study. <i>Journal of Climate</i> , 2003 , 16, 756-766	4.4	14
70	Impact of satellite based PAR on estimates of terrestrial net primary productivity. <i>International Journal of Remote Sensing</i> , 2010 , 31, 5221-5237	3.1	13
69	Observed Variability of Cloud Frequency and Cloud-Base Height within 3600 m above the Surface over the Contiguous United States. <i>Journal of Climate</i> , 2017 , 30, 3725-3742	4.4	12
68	An intensified seasonal transition in the Central U.S. that enhances summer drought. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015 , 120, 8804-8816	4.4	12
67	Diurnal and seasonal variability of rainfall in the sub-Sahel as seen from observations, satellites and a numerical model. <i>Geophysical Research Letters</i> , 2006 , 33,	4.9	12
66	Detection of a gas flaring signature in the AERONET optical properties of aerosols at a tropical station in West Africa. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016 , 121, 14,513-14,524	4.4	11
65	Towards a Unified and Coherent Land Surface Temperature Earth System Data Record from Geostationary Satellites. <i>Remote Sensing</i> , 2019 , 11, 1399	5	11
64	ENSO impact on surface radiative fluxes as observed from space. <i>Journal of Geophysical Research: Oceans</i> , 2017 , 122, 7880-7896	3.3	11
63	The role of shortwave radiation in the 2007 Arctic sea ice anomaly. <i>Geophysical Research Letters</i> , 2012 , 39,	4.9	11
62	Differences between two estimates of air-sea turbulent heat fluxes over the Atlantic Ocean. <i>Journal of Geophysical Research</i> , 2011 , 116,		11
61	Aerosol effects in the UV-B spectral region over Pune, an urban site in India. <i>Geophysical Research Letters</i> , 2009 , 36,	4.9	11

60	Surface Radiative Fluxes in Sub-Sahel Africa. <i>Journal of Applied Meteorology and Climatology</i> , 1997 , 36, 521-530		11
59	Aerosol optical depths in a semiarid region. <i>Journal of Geophysical Research</i> , 1997 , 102, 11123-11137		11
58	Estimates of surface ultraviolet radiation over north America using Geostationary Operational Environmental Satellites observations. <i>Journal of Geophysical Research</i> , 2008 , 113,		11
57	Spatial and Temporal Scaling Behavior of Surface Shortwave Downward Radiation Based on MODIS and In Situ Measurements. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2008 , 5, 542-546	4.1	11
56	Modelling planetary bidirectional reflectance over land. <i>International Journal of Remote Sensing</i> , 1990 , 11, 113-123	3.1	11
55	Improved prospects for estimating insolation for calculating regional evapotranspiration from remotely sensed data. <i>Agricultural and Forest Meteorology</i> , 1990 , 52, 227-251	5.8	11
54	Seasonal characteristics of spectral aerosol optical properties at a sub-Saharan site. <i>Atmospheric Research</i> , 2007 , 85, 38-51	5.4	10
53	A satellite approach for estimating regional land surface energy budget for GCIP/GAPP. <i>Journal of Geophysical Research</i> , 2003 , 108,		10
52	. <i>Tellus</i> , 1975 , 27, 562-573		10
51	Solar heating of the Arctic Ocean in the context of ice-albedo feedback. <i>Journal of Geophysical Research: Oceans</i> , 2014 , 119, 8395-8409	3.3	9
50	Diurnal cycle of land surface temperature in a desert encroachment zone as observed from satellites. <i>Geophysical Research Letters</i> , 2007 , 34,	4.9	9
49	Remote Sensing of Spectral Aerosol Properties: A Classroom Experience. <i>Bulletin of the American Meteorological Society</i> , 2007 , 88, 25-30	6.1	9
48	Interannual Variability of Solar Irradiance over the Amazon Basin Including the 1982-83 El Niño Year. <i>Journal of Climate</i> , 1992 , 5, 1305-1315	4.4	9
47	Revisiting satellite radiative flux computations at the top of the atmosphere. <i>International Journal of Remote Sensing</i> , 2012 , 33, 1383-1399	3.1	8
46	Estimating surface long-wave radiative fluxes at global scale. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2012 , 138, 1083-1093	6.4	8
45	Synthesis of information on aerosol optical properties. <i>Journal of Geophysical Research</i> , 2008 , 113,		8
44	Radiative fluxes from satellites: Focus on aerosols. <i>Journal of Geophysical Research</i> , 2008 , 113,		8
43	Estimating Monthly Mean Water and Energy Budgets over the Central U.S. Great Plains. Part I: Evapoclimatology Model Formulation. <i>Monthly Weather Review</i> , 1987 , 115, 1140-1152	2.4	8

42	An Empirical Orthogonal Function Iteration Approach for Obtaining Homogeneous Radiative Fluxes from Satellite Observations. <i>Journal of Applied Meteorology and Climatology</i> , 2007 , 46, 435-444	2.7	7
41	Simulations of the GOES visible sensor to changing surface and atmospheric conditions. <i>Journal of Geophysical Research</i> , 1987 , 92, 4001		7
40	Season, not lockdown, improved air quality during COVID-19 State of Emergency in Nigeria. <i>Science of the Total Environment</i> , 2021 , 768, 145187	10.2	7
39	Evaluation of radiative fluxes over the north Indian Ocean. <i>Theoretical and Applied Climatology</i> , 2018 , 132, 983-988	3	6
38	An improved methodology for deriving high-resolution surface shortwave radiative fluxes from MODIS in the Arctic region. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015 , 120, 2382-2393	4.4	6
37	The radiative environment of the Tibetan Plateau. <i>International Journal of Climatology</i> , 2014 , 34, 2153-2162	3.6	6
36	Radiative Fluxes at Barrow, Alaska: A Satellite View. <i>Journal of Climate</i> , 2011 , 24, 5494-5505	4.4	6
35	Relationship between downwelling surface shortwave radiative fluxes and sea surface temperature over the tropical Pacific: AMIP II models versus satellite estimates. <i>Annales Geophysicae</i> , 2008 , 26, 785-794	2.7	6
34	Observations of positive sea surface temperature trends in the steadily shrinking Dead Sea. <i>Natural Hazards and Earth System Sciences</i> , 2018 , 18, 3007-3018	3.9	6
33	Evaluating Surface Radiation Fluxes Observed From Satellites in the Southeastern Pacific Ocean. <i>Geophysical Research Letters</i> , 2018 , 45, 2404-2412	4.9	5
32	Evaluation of Surface Shortwave Flux Estimates from GOES: Sensitivity to Sensor Calibration. <i>Journal of Atmospheric and Oceanic Technology</i> , 2006 , 23, 927-935	2	5
31	Estimating Monthly Mean Water and Energy Budgets over the Central U.S. Great Plains. Part II: Evapoclimatology Experiments. <i>Monthly Weather Review</i> , 1987 , 115, 1153-1160	2.4	5
30	On the canopy flow index of a tropical forest. <i>Boundary-Layer Meteorology</i> , 1982 , 22, 313-324	3.4	5
29	. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2014 , 11, 1524-1528	4.1	4
28	The net energy budget at the ocean-atmosphere interface of the Cold Tongue region. <i>Journal of Geophysical Research: Oceans</i> , 2017 , 122, 5502-5521	3.3	4
27	Toward improved satellite estimates of short-wave radiative fluxes: Focus on cloud detection over snow: 1. Methodology. <i>Journal of Geophysical Research</i> , 2007 , 112,		4
26	High-Resolution Daytime Cloud Observations for Northwestern Mexico from GOES-7 Satellite Observations. <i>Journal of Atmospheric and Oceanic Technology</i> , 2001 , 18, 39-55	2	4
25	Satellites and our understanding of the surface energy balance. <i>Global and Planetary Change</i> , 1990 , 2, 321-342	4.2	4

24	Diurnal variation of planetary radiation budget parameters from geostationary satellites. <i>Journal of Climatology</i> , 1986 , 6, 389-403		4
23	The canopy coupling index of a tropical forest. <i>Boundary-Layer Meteorology</i> , 1983 , 26, 305-311	3.4	4
22	The albedo of a tropical evergreen forest 1980 , 106, 551		4
21	Evaluation of cloud base height in the North American Regional Reanalysis using ceilometer observations. <i>International Journal of Climatology</i> , 2020 , 40, 3161-3178	3.5	4
20	Solar warming of the south-central Pacific. <i>International Journal of Remote Sensing</i> , 2014 , 35, 5411-5419	3.1	3
19	Correction to "Characteristic aerosol optical depths during the Harmattan season in sub-Saharan Africa" <i>Geophysical Research Letters</i> , 1994 , 21, 1099-1099	4.9	3
18	Sensitivity of Surface Solar Fluxes to Cloud Parameterization. <i>Journals of the Atmospheric Sciences</i> , 1988 , 45, 881-884	2.1	3
17	Estimating the solar zenith dependence of the clear-sky planetary albedo for land surfaces from the GOES satellite. <i>Journal of Geophysical Research</i> , 1983 , 88, 6007		3
16	Intercomparison of shortwave radiative transfer schemes in global aerosol modeling: results from the AeroCom Radiative Transfer Experiment		3
15	A Climate Data Record (CDR) for the global terrestrial water budget: 1984-2010		3
14	Shortwave Radiative Fluxes on Slopes. <i>Journal of Applied Meteorology and Climatology</i> , 2016 , 55, 1513-1532		3
13	Fine-Mode Aerosol Loading Over a Sub-Sahel Location and Its Relation with the West African Monsoon. <i>Aerosol Science and Engineering</i> , 2018 , 2, 74-91	1.6	2
12	Experiments with Cloud Properties: Impact on Surface Radiative Fluxes. <i>Journal of Atmospheric and Oceanic Technology</i> , 2008 , 25, 1034-1040	2	2
11	Spatial Non-Uniformity of Surface Temperature of the Dead Sea and Adjacent Land Areas. <i>Remote Sensing</i> , 2020 , 12, 107	5	2
10	Analysis of Radiative Properties and Direct Radiative Forcing Estimates of Dominant Aerosol Clusters over an Urban-Desert Region in West Africa. <i>Aerosol and Air Quality Research</i> , 2019 , 19, 38-48	4.6	2
9	Precipitable water vapor over oceans from the Maritime Aerosol Network: Evaluation of global models and satellite products under clear sky conditions. <i>Atmospheric Research</i> , 2019 , 215, 294-304	5.4	2
8	Photosynthetic climate in selected regions during the northern hemisphere growing season. <i>Global Biogeochemical Cycles</i> , 1994 , 8, 117-125	5.9	1
7	Investigation of the "Elevated Heat Pump" hypothesis of the Asian monsoon using satellite observations		1

6	Multi-technique analysis of precipitable water vapor estimates in the sub-Sahel West Africa. <i>Heliyon</i> , 2018 , 4, e00765	3.6	1
5	Surface Radiation Budget from Satellites 1987 , 172-180		0
4	Shortwave Radiation from ABI on the GOES-R Series 2020 , 179-191		0
3	Annual and seasonal variability of net heat flux in the Northern Indian Ocean. <i>International Journal of Remote Sensing</i> , 2020 , 41, 6461-6483	3.1	
2	Estimation of land surface temperature diurnal cycle from Geostationary Operational Environmental Satellite (GOES-8) and application to the polar orbiting imager NOAA/AVHRR 2003 , 4895, 137		
1	Diurnal Variability of Surface Temperature over Lakes: Case Study for Lake Huron. <i>Atmosphere</i> , 2021 , 12, 252	2.7	