

Rachel Pinker

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/9216052/rachel-pinker-publications-by-year.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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 | 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 |
| 148 | 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 |
| 147 | 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 |
| 146 | Diurnal Variability of Surface Temperature over Lakes: Case Study for Lake Huron. <i>Atmosphere</i> , 2021 , 12, 252 | 2.7 | |
| 145 | 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 | |
| 144 | Spatial Non-Uniformity of Surface Temperature of the Dead Sea and Adjacent Land Areas. <i>Remote Sensing</i> , 2020 , 12, 107 | 5 | 2 |
| 143 | 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 |
| 142 | Shortwave Radiation from ABI on the GOES-R Series 2020 , 179-191 | | 0 |
| 141 | Towards a Unified and Coherent Land Surface Temperature Earth System Data Record from Geostationary Satellites. <i>Remote Sensing</i> , 2019 , 11, 1399 | 5 | 11 |
| 140 | Air-Sea Fluxes With a Focus on Heat and Momentum. <i>Frontiers in Marine Science</i> , 2019 , 6, | 4.5 | 57 |
| 139 | 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 |
| 138 | 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 |
| 137 | Evaluating Surface Radiation Fluxes Observed From Satellites in the Southeastern Pacific Ocean. <i>Geophysical Research Letters</i> , 2018 , 45, 2404-2412 | 4.9 | 5 |
| 136 | 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 |
| 135 | Evaluation of radiative fluxes over the north Indian Ocean. <i>Theoretical and Applied Climatology</i> , 2018 , 132, 983-988 | 3 | 6 |
| 134 | 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 |
| 133 | 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 |

| | | | |
|-----|--|------|-----|
| 132 | Multi-technique analysis of precipitable water vapor estimates in the sub-Sahel West Africa. <i>Heliyon</i> , 2018 , 4, e00765 | 3.6 | 1 |
| 131 | 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 |
| 130 | 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 |
| 129 | ENSO impact on surface radiative fluxes as observed from space. <i>Journal of Geophysical Research: Oceans</i> , 2017 , 122, 7880-7896 | 3.3 | 11 |
| 128 | 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 |
| 127 | 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 |
| 126 | Shortwave Radiative Fluxes on Slopes. <i>Journal of Applied Meteorology and Climatology</i> , 2016 , 55, 1513-1532 | 3.2 | 3 |
| 125 | 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 |
| 124 | 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 |
| 123 | . <i>IEEE Geoscience and Remote Sensing Letters</i> , 2014 , 11, 1524-1528 | 4.1 | 4 |
| 122 | Solar warming of the south-central Pacific. <i>International Journal of Remote Sensing</i> , 2014 , 35, 5411-5419 | 3.1 | 3 |
| 121 | Estimates of net heat fluxes over the Atlantic Ocean. <i>Journal of Geophysical Research: Oceans</i> , 2014 , 119, 410-427 | 3.3 | 20 |
| 120 | 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 |
| 119 | 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 |
| 118 | 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 |
| 117 | The radiative environment of the Tibetan Plateau. <i>International Journal of Climatology</i> , 2014 , 34, 2153-2162 | 3.6 | 6 |
| 116 | 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 |
| 115 | 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 |

| | | | |
|-----|---|-----|-----------------|
| 114 | The role of shortwave radiation in the 2007 Arctic sea ice anomaly. <i>Geophysical Research Letters</i> , 2012 , 39, | 4.9 | 11 |
| 113 | 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 |
| 112 | Estimating surface longwave radiative fluxes from satellites utilizing artificial neural networks. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a | | 18 |
| 111 | Modeling shortwave radiative fluxes from satellites. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a | | 51 |
| 110 | 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 |
| 109 | Differences between two estimates of air-sea turbulent heat fluxes over the Atlantic Ocean. <i>Journal of Geophysical Research</i> , 2011 , 116, | | 11 |
| 108 | Radiative Fluxes at Barrow, Alaska: A Satellite View. <i>Journal of Climate</i> , 2011 , 24, 5494-5505 | 4.4 | 6 |
| 107 | Radiative effects of aerosols in sub-Sahel Africa: Dust and biomass burning. <i>Journal of Geophysical Research</i> , 2010 , 115, | | 24 |
| 106 | Radiative fluxes at high latitudes. <i>Geophysical Research Letters</i> , 2010 , 37, n/a-n/a | 4.9 | 18 |
| 105 | Climatological aspects of the optical properties of fine/coarse mode aerosol mixtures. <i>Journal of Geophysical Research</i> , 2010 , 115, | | 276 |
| 104 | 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 |
| 103 | Use of NDVI and Land Surface Temperature for Drought Assessment: Merits and Limitations. <i>Journal of Climate</i> , 2010 , 23, 618-633 | 4.4 | 47 ⁸ |
| 102 | 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 |
| 101 | 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 |
| 100 | Intraseasonal Latent Heat Flux Based on Satellite Observations. <i>Journal of Climate</i> , 2009 , 22, 4539-4556 | 4.4 | 38 |
| 99 | How good are ocean buoy observations of radiative fluxes?. <i>Geophysical Research Letters</i> , 2009 , 36, | 4.9 | 29 |
| 98 | Shortwave radiative fluxes from MODIS: Model development and implementation. <i>Journal of Geophysical Research</i> , 2009 , 114, | | 76 |
| 97 | 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 |

| | | | |
|----|--|-----|-----|
| 96 | Synthesis of information on aerosol optical properties. <i>Journal of Geophysical Research</i> , 2008 , 113, | | 8 |
| 95 | Radiative fluxes from satellites: Focus on aerosols. <i>Journal of Geophysical Research</i> , 2008 , 113, | | 8 |
| 94 | Estimates of surface ultraviolet radiation over north America using Geostationary Operational Environmental Satellites observations. <i>Journal of Geophysical Research</i> , 2008 , 113, | | 11 |
| 93 | Evaluation of satellite estimates of downward shortwave radiation over the Tibetan Plateau. <i>Journal of Geophysical Research</i> , 2008 , 113, | | 54 |
| 92 | Aerosol radiative forcing during dust events over New Delhi, India. <i>Journal of Geophysical Research</i> , 2008 , 113, | | 191 |
| 91 | 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 |
| 90 | Experiments with Cloud Properties: Impact on Surface Radiative Fluxes. <i>Journal of Atmospheric and Oceanic Technology</i> , 2008 , 25, 1034-1040 | 2 | 2 |
| 89 | 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 | | 6 |
| 88 | Toward improved satellite estimates of short-wave radiative fluxesFocus on cloud detection over snow: 1. Methodology. <i>Journal of Geophysical Research</i> , 2007 , 112, | | 4 |
| 87 | Toward improved satellite estimates of short-wave radiative fluxesFocus on cloud detection over snow: 2. Results. <i>Journal of Geophysical Research</i> , 2007 , 112, | | 16 |
| 86 | Seasonal asymmetry in diurnal variation of aerosol optical characteristics over Pune, western India. <i>Journal of Geophysical Research</i> , 2007 , 112, | | 26 |
| 85 | 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 |
| 84 | 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 |
| 83 | 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 |
| 82 | Remote Sensing of Spectral Aerosol Properties: A Classroom Experience. <i>Bulletin of the American Meteorological Society</i> , 2007 , 88, 25-30 | 6.1 | 9 |
| 81 | Seasonal characteristics of spectral aerosol optical properties at a sub-Saharan site. <i>Atmospheric Research</i> , 2007 , 85, 38-51 | 5.4 | 10 |
| 80 | 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 |
| 79 | Diurnal temperature range over the United States: A satellite view. <i>Geophysical Research Letters</i> , 2006 , 33, | 4.9 | 54 |

| | | | |
|----|--|------|-----|
| 78 | Diurnal and seasonal variability of rainfall in the sub-Saharan as seen from observations, satellites and a numerical model. <i>Geophysical Research Letters</i> , 2006 , 33, | 4.9 | 12 |
| 77 | 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 |
| 76 | Do satellites detect trends in surface solar radiation?. <i>Science</i> , 2005 , 308, 850-4 | 33.3 | 355 |
| 75 | A global view of aerosols from merged transport models, satellite, and ground observations. <i>Journal of Geophysical Research</i> , 2005 , 110, | | 39 |
| 74 | 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 |
| 73 | 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 |
| 72 | 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 |
| 71 | 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 |
| 70 | 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 |
| 69 | Aerosol radiative forcing over a tropical urban site in India. <i>Geophysical Research Letters</i> , 2004 , 31, n/a-n/a.9 | 4.9 | 57 |
| 68 | Land Surface Temperature Estimation from the Next Generation of Geostationary Operational Environmental Satellites: GOES MD. <i>Journal of Applied Meteorology and Climatology</i> , 2004 , 43, 363-372 | | 35 |
| 67 | 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 | | |
| 66 | Estimation of land surface temperature from a Geostationary Operational Environmental Satellite (GOES-8). <i>Journal of Geophysical Research</i> , 2003 , 108, | | 140 |
| 65 | A satellite approach for estimating regional land surface energy budget for GCIP/GAPP. <i>Journal of Geophysical Research</i> , 2003 , 108, | | 10 |
| 64 | Real-time and retrospective forcing in the North American Land Data Assimilation System (NLDAS) project. <i>Journal of Geophysical Research</i> , 2003 , 108, | | 284 |
| 63 | 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 |
| 62 | 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 |
| 61 | 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 |

| | | | |
|----|--|-----|------|
| 60 | 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 |
| 59 | Land surface model spin-up behavior in the North American Land Data Assimilation System (NLDAS). <i>Journal of Geophysical Research</i> , 2003 , 108, | | 70 |
| 58 | 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 |
| 57 | 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 |
| 56 | Geostationary satellite parameters for surface energy balance. <i>Advances in Space Research</i> , 2002 , 30, 2427-2432 | 2.4 | 24 |
| 55 | 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 |
| 54 | 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 |
| 53 | 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 |
| 52 | 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 |
| 51 | An emerging ground-based aerosol climatology: Aerosol optical depth from AERONET. <i>Journal of Geophysical Research</i> , 2001 , 106, 12067-12097 | | 1459 |
| 50 | A dust outbreak episode in sub-Saharan West Africa. <i>Journal of Geophysical Research</i> , 2001 , 106, 22923-22930 | | 43 |
| 49 | Remote sensing of aerosol optical characteristics in sub-Saharan, West Africa. <i>Journal of Geophysical Research</i> , 2001 , 106, 28347-28356 | | 16 |
| 48 | 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 |
| 47 | 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 |
| 46 | 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 |
| 45 | Surface Radiative Fluxes in Sub-Saharan Africa. <i>Journal of Applied Meteorology and Climatology</i> , 1997 , 36, 521-530 | | 11 |
| 44 | Aerosol optical depths in a semiarid region. <i>Journal of Geophysical Research</i> , 1997 , 102, 11123-11137 | | 11 |
| 43 | 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 |

| | | | |
|----|--|------|-----|
| 42 | 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 |
| 41 | A review of satellite methods to derive surface shortwave irradiance. <i>Remote Sensing of Environment</i> , 1995 , 51, 108-124 | 13.2 | 186 |
| 40 | Characteristic spectral reflectance of a semi-arid environment. <i>International Journal of Remote Sensing</i> , 1995 , 16, 1341-1363 | 3.1 | 27 |
| 39 | Radiative flux opens new window on climate research. <i>Eos</i> , 1995 , 76, 145-145 | 1.5 | 16 |
| 38 | First Global WCRP Shortwave Surface Radiation Budget Dataset. <i>Bulletin of the American Meteorological Society</i> , 1995 , 76, 905-922 | 6.1 | 121 |
| 37 | Basin-scale solar irradiance estimates in semiarid regions using GOES 7. <i>Water Resources Research</i> , 1994 , 30, 1375-1386 | 5.4 | 25 |
| 36 | Photosynthetic climate in selected regions during the northern hemisphere growing season. <i>Global Biogeochemical Cycles</i> , 1994 , 8, 117-125 | 5.9 | 1 |
| 35 | Characteristic aerosol optical depths during the Harmattan Season on sub-Sahara Africa. <i>Geophysical Research Letters</i> , 1994 , 21, 685-688 | 4.9 | 22 |
| 34 | Correction to "Characteristic aerosol optical depths during the Harmattan season in sub-Sahara Africa" <i>Geophysical Research Letters</i> , 1994 , 21, 1099-1099 | 4.9 | 3 |
| 33 | 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 |
| 32 | 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 | |
| 31 | Global Distribution of Photosynthetically Active Radiation as Observed from Satellites. <i>Journal of Climate</i> , 1992 , 5, 56-65 | 4.4 | 104 |
| 30 | 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 |
| 29 | Modeling Surface Solar Irradiance for Satellite Applications on a Global Scale. <i>Journal of Applied Meteorology and Climatology</i> , 1992 , 31, 194-211 | | 440 |
| 28 | 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 |
| 27 | Modelling planetary bidirectional reflectance over land. <i>International Journal of Remote Sensing</i> , 1990 , 11, 113-123 | 3.1 | 11 |
| 26 | Satellites and our understanding of the surface energy balance. <i>Global and Planetary Change</i> , 1990 , 2, 321-342 | 4.2 | 4 |
| 25 | 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 |

| | | | |
|----|---|------|----|
| 24 | Turbulence structure of a tropical forest. <i>Boundary-Layer Meteorology</i> , 1988 , 43, 43-63 | 3.4 | 15 |
| 23 | Sensitivity of Surface Solar Fluxes to Cloud Parameterization. <i>Journals of the Atmospheric Sciences</i> , 1988 , 45, 881-884 | 2.1 | 3 |
| 22 | 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 |
| 21 | 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 |
| 20 | Simulations of the GOES visible sensor to changing surface and atmospheric conditions. <i>Journal of Geophysical Research</i> , 1987 , 92, 4001 | | 7 |
| 19 | Surface Radiation Budget from Satellites 1987 , 172-180 | | 0 |
| 18 | Diurnal variation of planetary radiation budget parameters from geostationary satellites. <i>Journal of Climatology</i> , 1986 , 6, 389-403 | | 4 |
| 17 | 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 |
| 16 | The Relationship between the Planetary and Surface Net Radiation. <i>Journal of Climate and Applied Meteorology</i> , 1985 , 24, 1262-1268 | | 20 |
| 15 | Modeling Surface Solar Radiation: Model Formulation and Validation. <i>Journal of Climate and Applied Meteorology</i> , 1985 , 24, 389-401 | | 97 |
| 14 | Determination of surface albedo from satellites. <i>Advances in Space Research</i> , 1985 , 5, 333-343 | 2.4 | 34 |
| 13 | Surface Radiation Budget from Satellites. <i>Monthly Weather Review</i> , 1984 , 112, 209-215 | 2.4 | 39 |
| 12 | The canopy coupling index of a tropical forest. <i>Boundary-Layer Meteorology</i> , 1983 , 26, 305-311 | 3.4 | 4 |
| 11 | 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 |
| 10 | On the canopy flow index of a tropical forest. <i>Boundary-Layer Meteorology</i> , 1982 , 22, 313-324 | 3.4 | 5 |
| 9 | The Energy Balance of a Tropical Evergreen Forest. <i>Journal of Applied Meteorology</i> , 1980 , 19, 1341-1350 | | 29 |
| 8 | The albedo of a tropical evergreen forest. <i>Quarterly Journal of the Royal Meteorological Society</i> , 1980 , 106, 551-558 | 6.4 | 70 |
| 7 | The microclimate of a dry tropical forest. <i>Agricultural Meteorology</i> , 1980 , 22, 249-265 | | 27 |

| | | |
|---|--|----|
| 6 | The albedo of a tropical evergreen forest 1980 , 106, 551 | 4 |
| 5 | . <i>Tellus</i> , 1975 , 27, 562-573 | 10 |
| 4 | Wind and temperature profile characteristics in a tropical evergreen forest in Thailand. <i>Tellus</i> , 1975 , 27, 562-573 | 17 |
| 3 | Intercomparison of shortwave radiative transfer schemes in global aerosol modeling: results from the AeroCom Radiative Transfer Experiment | 3 |
| 2 | Investigation of the "Elevated Heat Pump" hypothesis of the Asian monsoon using satellite observations | 1 |
| 1 | A Climate Data Record (CDR) for the global terrestrial water budget: 1984-2010 | 3 |