

Record 1 of 416

Kato, S; Rose, FG; Charlock, TP. 2005. Computation of domain-averaged irradiance using satellite-derived cloud properties. *JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY* 22 (2): 146-164.

Times Cited: 0

Record 2 of 416

Bertrand, C; Clerbaux, N; Ipe, A; Dewitte, S; Gonzalez, L. 2005. Angular distribution models, anisotropic correction factors, and mixed clear-scene types: A sensitivity study. *IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING* 43 (1): 92-102.

Times Cited: 0

Record 3 of 416

Hatzianastassiou, N; Matsoukas, C; Hatzidimitriou, D; Pavlakis, C; Drakakis, M; Vardavas, I. 2004. Ten year radiation budget of the earth: 1984-93. *INTERNATIONAL JOURNAL OF CLIMATOLOGY* 24 (14): 1785-1802.

Times Cited: 0

Record 4 of 416

Loukachine, K; Loeb, NG. 2004. Top-of-atmosphere flux retrievals from CERES using artificial neural networks. *REMOTE SENSING OF ENVIRONMENT* 93 (3): 381-390.

Times Cited: 0

Record 5 of 416

Zhang, YC; Rossow, WB; Lacis, AA; Oinas, V; Mishchenko, MI. 2004. Calculation of radiative fluxes from the surface to top of atmosphere based on ISCCP and other global data sets: Refinements of the radiative transfer model and the input data. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 109 (D19): art. no.-D19105.

Times Cited: 0

Record 6 of 416

Allan, RP; Ringer, MA; Pamment, JA; Slingo, A. 2004. Simulation of the Earth's radiation budget by the European centre for Medium-Range Weather Forecasts 40-year reanalysis (ERA40). *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 109 (D18): art. no.-D18107.

Times Cited: 0

Record 7 of 416

Lin, WY; Zhang, MH. 2004. Evaluation of clouds and their radiative effects simulated by the NCAR Community Atmospheric Model against satellite observations. *JOURNAL OF CLIMATE* 17 (17): 3302-3318.

Times Cited: 0

Record 8 of 416

Park, S; Leovy, CB. 2004. Marine low-cloud anomalies associated with ENSO. *JOURNAL OF CLIMATE* 17 (17): 3448-3469.

Times Cited: 2

Record 9 of 416

Hatzidimitriou, D; Vardavas, I; Pavlakis, KG; Hatzianastassiou, N; Matsoukas, C; Drakakis, E. 2004. On the decadal increase in the tropical mean outgoing longwave radiation for the period 1984-2000. *ATMOSPHERIC CHEMISTRY AND PHYSICS* 4: 1419-1425.

Times Cited: 0

Record 10 of 416

Futyan, JM; Russell, JE; Harries, JE. 2004. Cloud radiative forcing in Pacific, African, and Atlantic tropical convective regions. *JOURNAL OF CLIMATE* 17 (16): 3192-3202.

Times Cited: 0

Record 11 of 416

Ringer, MA; Allan, RP. 2004. Evaluating climate model simulations of tropical cloud. *TELLUS SERIES A-DYNAMIC METEOROLOGY AND OCEANOGRAPHY* 56 (4): 308-327.

Times Cited: 1

Record 12 of 416

Lin, JL; Mapes, BE. 2004. Radiation budget of the tropical intraseasonal oscillation. *JOURNAL OF THE ATMOSPHERIC SCIENCES* 61(16): 2050-2062.

Times Cited: 2

Record 13 of 416

Hatzianastassiou, N; Fotiadi, A; Matsoukas, C; Pavlakis, KG; Drakakis, E; Hatzidimitriou, D; Vardavas, I. 2004. Long-term global distribution of Earth's shortwave radiation budget at the top of atmosphere. *ATMOSPHERIC CHEMISTRY AND PHYSICS* 4: 1217-1235.

Times Cited: 0

Record 14 of 416

Li, F; Vogelmann, AM; Ramanathan, V. 2004. Saharan dust aerosol radiative forcing measured from space. *JOURNAL OF CLIMATE* 17 (13): 2558-2571.

Times Cited: 0

Record 15 of 416

Yu, RC; Wang, B; Zhou, TJ. 2004. Climate effects of the deep continental stratus clouds generated by the Tibetan Plateau. *JOURNAL OF CLIMATE* 17 (13): 2702-2713.

Times Cited: 0

Record 16 of 416

Kanamaru, H; Salvucci, GD; Entekhabi, D. 2004. Central US atmospheric water and energy budgets adjusted for diurnal sampling biases using top-of-atmosphere radiation. *JOURNAL OF CLIMATE* 17 (12): 2454-2465.

Times Cited: 0

Record 17 of 416

Ba, MB; Ellingson, RG; Gruber, A. 2004. Enhancement of ERBS data by using data from sounders onboard NPP/NPOESS and METOP satellites. *CLIMATE CHANGE PROCESSES IN THE STRATOSPHERE, EARTH-ATMOSPHERE-OCEAN SYSTEMS, AND OCEANOGRAPHIC PROCESSES FROM SATELLITE DATA* 33 (7): 1132-1135. **Book series title:** ADVANCES IN SPACE RESEARCH

Times Cited: 0

Record 18 of 416

McCaa, JR; Bretherton, CS. 2004. A new parameterization for shallow cumulus convection and its application to marine subtropical cloud-topped boundary layers. Part II: Regional simulations of marine boundary layer clouds. *MONTHLY WEATHER REVIEW* 132 (4): 883-896.

Times Cited: 3

Record 19 of 416

Viollier, M; Kandel, R; Raberanto, P. 2004. Combination of ScaRaB-2 and CERES with Meteosat-5 to remove time sampling bias and improve radiation budget estimations in the INDOEX region. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 109 (D5): art. no.-D05105.

Times Cited: 0

Record 20 of 416

Bony, S; Dufresne, JL; Le Treut, H; Morcrette, JJ; Senior, C. 2004. On dynamic and thermodynamic components of cloud changes. *CLIMATE DYNAMICS* 22 (2-3): 71-86.

Times Cited: 1

Record 21 of 416

Wang, WC; Gong, W; Kau, WS; Chen, CT; Hsu, HH; Tu, CH. 2004. Characteristics of cloud radiation forcing over east China. *JOURNAL OF CLIMATE* 17 (4): 845-853.

Times Cited: 0

Record 22 of 416

Potter, GL; Cess, RD. 2004. Testing the impact of clouds on the radiation budgets of 19 atmospheric general circulation models. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 109 (D2): art. no.-D02106.

Times Cited: 0

Record 23 of 416

Sun, WB; Loeb, NG; Kato, S. 2004. Estimation of instantaneous TOA albedo at 670 nm over ice clouds from POLDER multidirectional measurements. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 109 (D2): art. no.-D02210.

Times Cited: 0

Record 24 of 416

Eliseev, AV; Le Treut, H; Mokhov, II; Doutriaux-Boucher, M; Chernokulsky, AV. 2003. Validation of TOA radiation and clouds simulated by different versions of the LMD general circulation model in comparison to satellite and ground-based data. *IZVESTIYA ATMOSPHERIC AND OCEANIC PHYSICS* 39: S15-S26, Suppl. S.
Times Cited: 0

Record 25 of 416

Wang, YQ; Xie, SP; Xu, HM; Wang, B. 2004. Regional model simulations of marine boundary layer clouds over the southeast Pacific off South America. Part I: Control experiment. *MONTHLY WEATHER REVIEW* 132 (1): 274-296.
Times Cited: 5

Record 26 of 416

Kau, WS; Wu, CH; Tsou, CH. 2003. The cloud radiative forcing over Asian-Pacific summer monsoon region. *TERRESTRIAL ATMOSPHERIC AND OCEANIC SCIENCES* 14 (4): 445-467.
Times Cited: 0

Record 27 of 416

Loukachine, K; Loeb, NG. 2003. Application of an artificial neural network simulation for top-of - atmosphere radiative flux estimation from CERES. *JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY* 20 (12): 1749-1757.
Times Cited: 1

Record 28 of 416

Loeb, NG; Loukachine, K; Manalo-Smith, N; Wielicki, BA; Young, DF. 2003. Angular distribution models for top-of -atmosphere radiative flux estimation from the Clouds and the Earth's Radiant Energy System instrument on the Tropical Rainfall Measuring Mission satellite. Part II: Validation. *JOURNAL OF APPLIED METEOROLOGY* 42 (12): 1748-1769.
Times Cited: 3

Record 29 of 416

Gu, Y; Farrara, J; Liou, KN; Mechoso, CR. 2003. Parameterization of cloud-radiation processes in the UCLA general circulation model. *JOURNAL OF CLIMATE* 16 (20): 3357-3370.
Times Cited: 0

Record 30 of 416

Khodri, M; Ramstein, G; de Noblet-Ducoudre, N; Kageyama, M. 2003. Sensitivity of the northern extratropics hydrological cycle to the changing insolation forcing at 126 and 115 ky BP. *CLIMATE DYNAMICS* 21 (3-4): 273-287.
Times Cited: 1

Record 31 of 416

Frohlich, C. 2003. Long-term behaviour of space radiometers. *METROLOGIA* 40 (1): S60-S65, Sp. Iss. SI.
Times Cited: 1

Record 32 of 416

Furevik, T; Bentsen, M; Drange, H; Kindem, IKT; Kvamsto, NG; Sorteberg, A. 2003. Description and evaluation of the Bergen climate model: ARPEGE coupled with MICOM. *CLIMATE DYNAMICS* 21 (1): 27-51.
Times Cited: 8

Record 33 of 416

Smith, GL; Rutan, DA. 2003. The diurnal cycle of outgoing longwave radiation from earth radiation budget experiment measurements. *JOURNAL OF THE ATMOSPHERIC SCIENCES* 60 (13): 1529-1542.
Times Cited: 1

Record 34 of 416

Allan, RP; Ringer, MA. 2003. Inconsistencies between satellite estimates of longwave cloud forcing and dynamical fields from reanalyses. *GEOPHYSICAL RESEARCH LETTERS* 30 (9): art. no.-1491.
Times Cited: 3

Record 35 of 416

Clerbaux, N; Dewitte, S; Gonzalez, L; Bertrand, C; Nicula, B; Ipe, A. 2003. Outgoing longwave flux estimation: improvement of angular modelling using spectral information. *REMOTE SENSING OF ENVIRONMENT* 85 (3): 389-395.
Times Cited: 1

Record 36 of 416

Miller, AJ; Zhou, S; Yang, SK. 2003. Relationship of the Arctic and Antarctic oscillations to the outgoing longwave radiation. *JOURNAL OF CLIMATE* 16 (10): 1583-1592.

Times Cited: 2

Record 37 of 416

Parkinson, CL. 2003. Aqua: An earth-observing satellite mission to examine water and other climate variables. *IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING* 41 (2): 173-183.

Times Cited: 5

Record 38 of 416

Jin, YF; Schaaf, CB; Woodcock, CE; Gao, F; Li, XW; Strahler, AH; Lucht, W; Liang, SL. 2003. Consistency of MODIS surface bidirectional reflectance distribution function and albedo retrievals: 2. Validation. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 108 (D5): art. no.-4159.

Times Cited: 5

Record 39 of 416

Wang, PH; Minnis, P; Wielicki, BA; Wong, TM; Cess, RD; Zhang, MH; Vann, LB; Kent, GS. 2003. Characteristics of the 1997/1998 El Nino cloud distributions from SAGE II observations. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 108 (D1): art. no.-4009.

Times Cited: 2

Record 40 of 416

Inoue, T; Ackerman, SA. 2002. Radiative effects of various cloud types as classified by the split window technique over the eastern sub-tropical pacific derived from collocated ERBE and AVHRR data. *JOURNAL OF THE METEOROLOGICAL SOCIETY OF JAPAN* 80 (6): 1383-1394.

Times Cited: 3

Record 41 of 416

Ganachaud, A; Wunsch, C. 2003. Large-scale ocean heat and freshwater transports during the World Ocean Circulation Experiment.

JOURNAL OF CLIMATE 16 (4): 696-705.

Times Cited: 15

Record 42 of 416

Loeb, NG; Manalo-Smith, N; Kato, S; Miller, WF; Gupta, SK; Minnis, P; Wielicki, BA. 2003. Angular distribution models for top-of-atmosphere radiative flux estimation from the clouds and the Earth's Radiant Energy System instrument on the Tropical Rainfall Measuring Mission satellite. part I: Methodology. *JOURNAL OF APPLIED METEOROLOGY* 42 (2): 240-265.

Times Cited: 13

Record 43 of 416

Priestley, KJ; Wielicki, BA; Green, RN; Haeffelin, MPA; Lee, RB; Loeb, NG. 2002. Early radiometric validation results of the CERES Flight Model 1 and 2 instruments onboard NASA'S Terra Spacecraft. *EARTH'S ATMOSPHERE, OCEAN AND SURFACE STUDIES* 30 (11): 2371-2376. **Book series title:** ADVANCES IN SPACE RESEARCH

Times Cited: 0

Record 44 of 416

Ellingson, RG; Ba, MB. 2003. A study of diurnal variation of OLR from the GOES sounder. *JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY* 20 (1): 90-98.

Times Cited: 0

Record 45 of 416

Kanamitsu, M; Ebisuzaki, W; Woollen, J; Yang, SK; Hnilo, JJ; Fiorino, M; Potter, GL. 2002. NCEP-DOE AMIP-II reanalysis (R-2). *BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY* 83 (11): 1631-1643.

Times Cited: 58

Record 46 of 416

Chevallier, F; Bauer, P; Mahfouf, JF; Morcrette, JJ. 2002. Variational retrieval of cloud profile from ATOVS observations. *QUARTERLY JOURNAL OF THE ROYAL METEOROLOGICAL SOCIETY* 128 (585): 2511-2525, Part A.

Times Cited: 7

Record 47 of 416

Kratz, DP; Priestley, KJ; Green, RN. 2002. Establishing the relationship between the CERES window and total channel measured radiances for conditions involving deep convective clouds at night. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 107 (D15): art. no.-4245.

Times Cited: 1

Record 48 of 416

Loeb, NG; Kato, S; Wielicki, BA. 2002. Defining top-of -the-atmosphere flux reference level for earth radiation budget studies. *JOURNAL OF CLIMATE* 15 (22): 3301-3309.

Times Cited: 4

Record 49 of 416

Viollier, M; Standfuss, C; Parol, F. 2002. Monthly means of reflected solar flux from POLDER (ADEOS-1) and comparison with ERBE, ScaRaB and CERES. *GEOPHYSICAL RESEARCH LETTERS* 29 (10): art. no.-1503.

Times Cited: 1

Record 50 of 416

Wang, PH; Minnis, P; Wielicki, BA; Wong, TM; Vann, LB. 2002. Satellite observations of long-term changes in tropical cloud and outgoing longwave radiation from 1985 to 1998. *GEOPHYSICAL RESEARCH LETTERS* 29 (10): art. no.-1397.

Times Cited: 1

Record 51 of 416

Chen, T; Rossow, WB. 2002. Determination of top-of -atmosphere longwave radiative fluxes: A comparison between two approaches using ScaRaB data. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 107 (D7-8): art. no.-4070.

Times Cited: 1

Record 52 of 416

Chou, MD; Lindzen, RS; Hou, AY. 2002. Reply to: "Tropical cirrus and water vapor: an effective Earth infrared iris feedback?". *ATMOSPHERIC CHEMISTRY AND PHYSICS* 2: 99-101.

Times Cited: 2

Record 53 of 416

Okada, I; Yamanouchi, T. 2002. Seasonal change of the atmospheric heat budget over the Southern Ocean from ECMWF and ERBE data. *JOURNAL OF CLIMATE* 15 (17): 2527-2536.

Times Cited: 0

Record 54 of 416

Chou, MD; Lindzen, RS. 2002. Comments on "Tropical convection and the energy balance at the top of the atmosphere". *JOURNAL OF CLIMATE* 15 (17): 2566-2570.

Times Cited: 4

Record 55 of 416

Chou, MD; Lindzen, RS; Hou, AY. 2002. Comments on "The iris hypothesis: A negative or positive cloud feedback?". *JOURNAL OF CLIMATE* 15 (18): 2713-2715.

Times Cited: 3

Record 56 of 416

Mlynczak, M. 2002. A comparison of space-based observations of the energy budgets of the mesosphere and the troposphere. *JOURNAL OF ATMOSPHERIC AND SOLAR-TERRESTRIAL PHYSICS* 64 (8-11): 877-887.

Times Cited: 3

Record 57 of 416

Loeb, NG; Kato, S. 2002. Top-of -atmosphere direct radiative effect of aerosols over the tropical oceans from the Clouds and the Earth's Radiant Energy System (CERES) satellite instrument. *JOURNAL OF CLIMATE* 15 (12): 1474-1484.

Times Cited: 12

Record 58 of 416

Li, JLF; Kohler, M; Farrara, JD; Mechoso, CR. 2002. The impact of stratocumulus cloud radiative properties on surface heat fluxes simulated with a general circulation model. *MONTHLY WEATHER REVIEW* 130 (5): 1433-1441.

Times Cited: 4

Record 59 of 416

Ho, CH; Chou, MD; Sui, CH. 2002. Comparison of different earth radiation budget experiment data sets over tropical oceans. *INTERNATIONAL JOURNAL OF CLIMATOLOGY* 22 (3): 263-270.

Times Cited: 2

Record 60 of 416

Stubenrauch, CJ; Briand, V; Rossow, WB. 2002. The role of clear-sky identification in the study of cloud radiative effects: Combined analysis from ISCCP and the Scanner Of Radiation budget. *JOURNAL OF APPLIED METEOROLOGY* 41 (4): 396-412.

Times Cited: 4

Record 61 of 416

Penner, JE; Zhang, SY; Chin, M; Chuang, CC; Feichter, J; Feng, Y; Geogdzhayev, IV; Ginoux, P; Herzog, M; Higurashi, A; Koch, D; Land, C; Lohmann, U; Mishchenko, M; Nakajima, T; Pitari, G; Soden, B; Tegen, I; Stowe, L. 2002. A comparison of model- and satellite-derived aerosol optical depth and reflectivity. *JOURNAL OF THE ATMOSPHERIC SCIENCES* 59 (3): 441-460.

Times Cited: 27

Record 62 of 416

Weaver, CJ; Ginoux, P; Hsu, NC; Chou, MD; Joiner, J. 2002. Radiative forcing of Saharan dust: GOCART model simulations compared with ERBE data. *JOURNAL OF THE ATMOSPHERIC SCIENCES* 59 (3): 736-747.

Times Cited: 7

Record 63 of 416

Hartmann, DL; Moy, LA; Fu, Q. 2001. Tropical convection and the energy balance at the top of the atmosphere. *JOURNAL OF CLIMATE* 14 (24): 4495-4511.

Times Cited: 26

Record 64 of 416

Chambers, LH; Wielicki, BA; Loeb, NG. 2001. Shortwave flux from satellite-measured radiance: A theoretical study over marine boundary layer clouds. *JOURNAL OF APPLIED METEOROLOGY* 40 (12): 2144-2161.

Times Cited: 6

Record 65 of 416

Yu, RC; Yu, YQ; Zhang, MH. 2001. Comparing cloud radiative properties between the eastern China and the Indian monsoon region. *ADVANCES IN ATMOSPHERIC SCIENCES* 18 (6): 1090-1102.

Times Cited: 3

Record 66 of 416

Hatzianastassiou, N; Vardavas, I. 2001. Shortwave radiation budget of the Southern Hemisphere using ISCCPC2 and NCEP-NCAR climatological data. *JOURNAL OF CLIMATE* 14 (22): 4319-4329.

Times Cited: 5

Record 67 of 416

Wei, X; Hahmann, AN; Dickinson, RE; Yang, ZL; Zeng, XB; Schaudt, KJ; Schaaf, CB; Strugnell, N. 2001. Comparison of albedos computed by land surface models and evaluation against remotely sensed data. *JOURNAL OF GEOPHYSICAL RESEARCH/ATMOSPHERES* 106 (D18): 20687-20702.

Times Cited: 8

Record 68 of 416

Moore, RW; Vonder Haar, TH. 2001. Interannual variability of cloud forcing and meridional energy transport for the Northern Hemisphere winter from 1984 to 1990. *JOURNAL OF CLIMATE* 14 (17): 3643-3654.

Times Cited: 2

Record 69 of 416

Hatzianastassiou, N; Cleridou, N; Vardavas, I. 2001. Polar Cloud climatologies from ISCCPC2 and D2 datasets. *JOURNAL OF CLIMATE* 14 (18): 3851-3862.

Times Cited: 5

Record 70 of 416

Webb, M; Senior, C; Bony, S; Morcrette, JJ. 2001. Combining ERBE and ISCCP data to assess clouds in the Hadley Centre, ECMWF and LMD atmospheric climate models. *CLIMATE DYNAMICS* 17 (12): 905-922.

Times Cited: 24

Record 71 of 416

Hatzianastassiou, N; Vardavas, I. 2001. Longwave radiation budget of the Southern Hemisphere using ISCCPC2 climatological data. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 106 (D16): 17785-17798.

Times Cited: 3

Record 72 of 416

Doelling, DR; Minnis, P; Spangenberg, DA; Chakrapani, V; Mahesh, A; Pope, SK; Valero, FPJ. 2001. Cloud radiative forcing at the top of the atmosphere during FIRE ACE derived from AVHRR data. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 106 (D14): 15279-15296.

Times Cited: 4

Record 73 of 416

Norris, JR; Weaver, CP. 2001. Improved techniques for evaluating GCM cloudiness applied to the NCAR CCM3. *JOURNAL OF CLIMATE* 14 (12): 2540-2550.

Times Cited: 17

Record 74 of 416

Lucas, LE; Waliser, DE; Xie, P; Janowiak, JE; Liebmann, B. 2001. Estimating the satellite equatorial crossing time biases in the daily, global outgoing longwave radiation dataset. *JOURNAL OF CLIMATE* 14 (12): 2583-2605.

Times Cited: 13

Record 75 of 416

Fasullo, J; Sun, DZ. 2001. Radiative sensitivity to water vapor under all-sky conditions. *JOURNAL OF CLIMATE* 14 (12): 2798-2807.

Times Cited: 3

Record 76 of 416

Clark, DB; Xue, YK; Harding, RJ; Valdes, PJ. 2001. Modeling the impact of land surface degradation on the climate of tropical north Africa. *JOURNAL OF CLIMATE* 14 (8): 1809-1822.

Times Cited: 14

Record 77 of 416

Tian, BJ; Zhang, GJ; Ramanathan, V. 2001. Heat balance in the Pacific warm pool atmosphere during TOGA COARE and CEPEX. *JOURNAL OF CLIMATE* 14 (8): 1881-1893.

Times Cited: 5

Record 78 of 416

Loeb, NG; Priestley, KJ; Kratz, DP; Geier, EB; Green, RN; Wielicki, VA; Hinton, RO; Nolan, SK. 2001. Determination of unfiltered radiances from the clouds and the Earth's Radiant Energy System instrument. *JOURNAL OF APPLIED METEOROLOGY* 40 (4): 822-835.

Times Cited: 9

Record 79 of 416

Garratt, JR. 2001. Clear-sky longwave irradiance at the earth's surface - Evaluation of climate models. *JOURNAL OF CLIMATE* 14 (7): 1647-1670.

Times Cited: 1

Record 80 of 416

Standfuss, C; Viollier, M; Kandel, RS; Duvel, JP. 2001. Regional diurnal albedo climatology and diurnal time extrapolation of reflected solar flux observations: Application to the ScaRaB record. *JOURNAL OF CLIMATE* 14 (6): 1129-1146.

Times Cited: 4

Record 81 of 416

Herman, JR; Celarier, E; Larko, D. 2001. UV 380 nm reflectivity of the Earth's surface, clouds and aerosols. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 106 (D6): 5335-5351.

Times Cited: 8

Record 82 of 416

Pubu, C; Li, ZQ. 2001. Anisotropic reflection of UV radiation at the top of the atmosphere: Characteristics and models obtained from Meteor 3/TOMS. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 106 (D5): 4741-4755.

Times Cited: 1

Record 83 of 416

Lindzen, RS; Chou, MD; Hou, AY. 2001. Does the earth have an adaptive infrared iris?. *BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY* 82 (3): 417-432.

Times Cited: 60

Record 84 of 416

Trenberth, KE; Caron, JM; Stepaniak, DP. 2001. The atmospheric energy budget and implications for surface fluxes and ocean heat transports. *CLIMATE DYNAMICS* 17 (4): 259-276.

Times Cited: 37

Record 85 of 416

Held, IM; Soden, BJ. 2000. Water vapor feedback and global warming. *ANNUAL REVIEW OF ENERGY AND THE ENVIRONMENT* 25: 441-475.

Times Cited: 38

Record 86 of 416

Li, ZQ; Trishchenko, AP. 2001. Quantifying uncertainties in determining SW cloud radiative forcing and cloud absorption due to variability in atmospheric conditions. *JOURNAL OF THE ATMOSPHERIC SCIENCES* 58 (4): 376-389.

Times Cited: 3

Record 87 of 416

Pal, JS; Small, EE; Eltahir, EAB. 2000. Simulation of regional-scale water and energy budgets: Representation of subgrid cloud and precipitation processes within RegCM. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 105 (D24): 29579-29594.

Times Cited: 14

Record 88 of 416

Pierce, RB; Al-Saadi, JA; Eckman, RS; Fairlie, TD; Grose, WL; Kleb, MM; Natarajan, M; Olson, JR. 2000. Dynamical climatology of the NASA Langley Research Center Interactive Modeling Project for Atmospheric Chemistry and Transport (IMPACT) model. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 105 (D23): 29109-29134.

Times Cited: 5

Record 89 of 416

Wong, TM; Young, DF; Haeffelin, M; Weckmann, S. 2000. Validation of the CERES/TRMM ERBE-like monthly mean clear-sky longwave dataset and the effects of the 1998 ENSO event. *JOURNAL OF CLIMATE* 13 (24): 4256-4267.

Times Cited: 9

Record 90 of 416

Sun, B; Groisman, PY; Bradley, RS; Keimig, FT. 2000. Temporal changes in the observed relationship between cloud cover and surface air temperature. *JOURNAL OF CLIMATE* 13 (24): 4341-4357.

Times Cited: 8

Record 91 of 416

Li, X; Christopher, SA; Chou, J; Welch, RM. 2000. Estimation of shortwave direct radiative forcing of biomass-burning aerosols using new angular models. *JOURNAL OF APPLIED METEOROLOGY* 39 (12): 2278-2291.

Times Cited: 6

Record 92 of 416

Chang, FL; Li, ZQ; Trishchenko, AP. 2000. The dependence of TOA reflectance anisotropy on cloud properties inferred from ScaRaB satellite data. *JOURNAL OF APPLIED METEOROLOGY* 39 (12): 2480-2493.

Times Cited: 5

Record 93 of 416

Lin, X; Randall, DA; Fowler, LD. 2000. Diurnal variability of the hydrologic cycle and radiative fluxes: Comparisons between observations and a GCM. *JOURNAL OF CLIMATE* 13 (23): 4159-4179.

Times Cited: 21

Record 94 of 416

Frohlich, C. 2000. Observations of irradiance variations. *SPACE SCIENCE REVIEWS* 94 (1-2): 15-24.

Times Cited: 33

Record 95 of 416

Chang, FL; Li, ZQ; Ackerman, SA. 2000. Examining the relationship between cloud and radiation quantities derived from satellite observations and model calculations. *JOURNAL OF CLIMATE* 13 (21): 3842-3859.

Times Cited: 3

Record 96 of 416

Chevallier, F; Morcrette, JJ. 2000. Comparison of model fluxes with surface and top-of -the-atmosphere observations. *MONTHLY WEATHER REVIEW* 128 (11): 3839-3852.

Times Cited: 11

Record 97 of 416

Sun, DZ. 2000. The heat sources and sinks of the 1986-87 El Nino. *JOURNAL OF CLIMATE* 13 (20): 3533-3550.

Times Cited: 8

Record 98 of 416

Bess, TD; Carlson, AB; Mackey, C; Denn, FM; Wilber, A; Ritchey, N. 2000. World Wide Web access to radiation datasets for environmental and climate changes studies. *BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY* 81 (11): 2645-2652.

Times Cited: 1

Record 99 of 416

Ramachandran, S; Ramaswamy, V; Stenichkov, GL; Robock, A. 2000. Radiative impact of the Mount Pinatubo volcanic eruption: Lower stratospheric response. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 105 (D19): 24409-24429.

Times Cited: 16

Record 100 of 416

Chevallier, F; Cheruy, F; Armante, R; Stubenrauch, CJ; Scott, NA. 2000. Retrieving the clear-sky vertical longwave radiative budget from TOVS: Comparison of a neural network-based retrieval and a method using geophysical parameters. *JOURNAL OF APPLIED METEOROLOGY* 39 (9): 1527-1543.

Times Cited: 3

Record 101 of 416

Hsu, NC; Herman, JR; Weaver, C. 2000. Determination of radiative forcing of Saharan dust using combined TOMS and ERBE data. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 105 (D16): 20649-20661.

Times Cited: 21

Record 102 of 416

Chen, T; Zhang, YC; Rossow, WB. 2000. Sensitivity of atmospheric radiative heating rate profiles to variations of cloud layer overlap. *JOURNAL OF CLIMATE* 13 (16): 2941-2959.

Times Cited: 8

Record 103 of 416

Kuang, ZM; Yung, YL. 2000. Reflectivity variations off the Peru Coast: Evidence for indirect effect of anthropogenic sulfate aerosols on clouds. *GEOPHYSICAL RESEARCH LETTERS* 27 (16): 2501-2504.

Times Cited: 3

Record 104 of 416

Duvel, JP; Bouffies-Cloche, S; Viollier, M. 2000. Determination of shortwave earth reflectances from visible radiance measurements: Error estimate using ScaRaB data. *JOURNAL OF APPLIED METEOROLOGY* 39 (7): 957-970.

Times Cited: 3

Record 105 of 416

Collins, WD; Bucholtz, A; Flatau, P; Lubin, D; Valero, FPJ; Weaver, CP; Pilewski, P. 2000. Determination of surface heating by convective cloud systems in the central equatorial Pacific from surface and satellite measurements. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 105 (D11): 14807-14821.

Times Cited: 4

Record 106 of 416

Iacono, MJ; Mlawer, EJ; Clough, SA; Morcrette, JJ. 2000. Impact of an improved longwave radiation model, RRTM, on the energy budget and thermodynamic properties of the NCAR community climate model, CCM3. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 105 (D11): 14873-14890.

Times Cited: 13

Record 107 of 416

Kristjansson, JE; Kristiansen, J. 2000. Is there a cosmic ray signal in recent variations in global cloudiness and cloud radiative forcing?. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 105 (D9): 11851-11863.

Times Cited: 17

Record 108 of 416

Robock, A. 2000. Volcanic eruptions and climate. *REVIEWS OF GEOPHYSICS* 38 (2): 191-219.

Times Cited: 96

Record 109 of 416

Braconnot, P; Marti, O; Jousaume, S; Leclainche, Y. 2000. Ocean feedback in response to 6 kyr BP insolation. *JOURNAL OF CLIMATE* 13 (9): 1537-1553.

Times Cited: 24

Record 110 of 416

Kuang, ZM; Yung, YL. 2000. Observed albedo decrease related to the spring snow retreat. *GEOPHYSICAL RESEARCH LETTERS* 27 (9): 1299-1302.

Times Cited: 5

Record 111 of 416

Engelen, RJ; Fowler, LD; Gleckler, PJ; Wehner, MF. 2000. Sampling strategies for the comparison of climate model calculated and satellite observed brightness temperatures. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 105 (D7): 9393-9406.

Times Cited: 6

Record 112 of 416

Fu, Q; Cribb, MC; Barker, HW; Krueger, SK; Grossman, A. 2000. Cloud geometry effects on atmospheric solar absorption. *JOURNAL OF THE ATMOSPHERIC SCIENCES* 57 (8): 1156-1168.

Times Cited: 21

Record 113 of 416

Bott, A. 2000. A numerical model of the cloud-topped planetary boundary-layer: influence of the physico-chemical properties of aerosol particles on the effective radius of stratiform clouds. *ATMOSPHERIC RESEARCH* 53 (1-3): 15-27, Sp. Iss. SI.

Times Cited: 1

Record 114 of 416

Bergman, JW; Hendon, HH. 2000. The impact of clouds on the seasonal cycle of radiative seating over the Pacific. *JOURNAL OF THE ATMOSPHERIC SCIENCES* 57 (4): 545-566.

Times Cited: 10

Record 115 of 416

Soden, BJ. 2000. The sensitivity of the tropical hydrological cycle to ENSO. *JOURNAL OF CLIMATE* 13 (3): 538-549.

Times Cited: 24

Record 116 of 416

Rajeevan, M; Srinivasan, J. 2000. Net cloud radiative forcing at the top of the atmosphere in the Asian monsoon region. *JOURNAL OF CLIMATE* 13 (3): 650-657.

Times Cited: 8

Record 117 of 416

Loeb, NG; Parol, F; Buriez, JC; Vanbauce, C. 2000. Top-of -atmosphere albedo estimation from angular distribution models using scene identification from satellite cloud property retrievals. *JOURNAL OF CLIMATE* 13 (7): 1269-1285.

Times Cited: 10

Record 118 of 416

Wild, M. 2000. Absorption of solar energy in cloudless and cloudy atmospheres over Germany and in GCMs. *GEOPHYSICAL RESEARCH LETTERS* 27 (7): 959-962.

Times Cited: 3

Record 119 of 416

Waliser, DE; Hogan, TF. 2000. Analysis of ocean surface heat fluxes in a NOGAPS climate simulation: Influences from convection, clouds and dynamical processes. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 105 (D4): 4587-4606.

Times Cited: 2

Record 120 of 416

Zhao, P; Chen, LX. 2000. Calculation of solar albedo and radiation equilibrium over the Qinghai-Xizang Plateau and analysis of their climatic features. *ADVANCES IN ATMOSPHERIC SCIENCES* 17 (1): 140-156.

Times Cited: 1

Record 121 of 416

Banks, HT. 2000. Ocean heat transport in the South Atlantic in a coupled climate model. *JOURNAL OF GEOPHYSICAL RESEARCH-OCEANS* 105 (C1): 1071-1091.

Times Cited: 3

Record 122 of 416

Loeb, NG; Hinton, PO; Green, RN. 1999. Top-of-atmosphere albedo estimation from angular distribution models: a comparison between two approaches. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 104 (D24): 31255-31260.

Times Cited: 3

Record 123 of 416

Waliser, DE; Weller, RA; Cess, RD. 1999. Comparisons between buoy-observed, satellite-derived, and modeled surface shortwave flux over the subtropical North Atlantic during the Subduction Experiment. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 104 (D24): 31301-31320.

Times Cited: 3

Record 124 of 416

Newman, M; Sardeshmukh, PD; Bergman, JW. 2000. An assessment of the NCEP, NASA, and ECMWF reanalyses over the tropical west Pacific warm pool. *BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY* 81 (1): 41-48.

Times Cited: 29

Record 125 of 416

Smith, GL. 1999. Critical overview of radiation budget estimates from satellites. *SATELLITE APPLICATIONS FOR ENERGY BUDGETS AND THE HYDROLOGICAL CYCLE* 24 (7): 887-895.

Book series title: ADVANCES IN SPACE RESEARCH

Times Cited: 0

Record 126 of 416

Barkstrom, BR. 1999. CERES: The start of the next generation of radiation measurements. *SATELLITE APPLICATIONS FOR ENERGY BUDGETS AND THE HYDROLOGICAL CYCLE* 24 (7): 907-914.

Book series title: ADVANCES IN SPACE RESEARCH

Times Cited: 1

Record 127 of 416

Harries, J; Crommelynck, D. 1999. The geostationary earth radiation budget experiment on MSG-1 and its potential applications. *SATELLITE APPLICATIONS FOR ENERGY BUDGETS AND THE HYDROLOGICAL CYCLE* 24 (7): 915-919. **Book series title:** ADVANCES IN SPACE RESEARCH

Times Cited: 6

Record 128 of 416

Mika, J; Dunkel, Z; Borbas, E; Szenyan, IG; Ferenczi, Z. 1999. ScaRaB and ERBE radiation climatology resampled. *SATELLITE APPLICATIONS FOR ENERGY BUDGETS AND THE HYDROLOGICAL CYCLE* 24 (7): 959-962. **Book series title:** ADVANCES IN SPACE RESEARCH

Times Cited: 0

Record 129 of 416

Hatzianastassiou, N; Vardavas, I. 1999. Shortwave radiation budget of the Northern Hemisphere using International Satellite Cloud Climatology Project and NCEP/NCAR climatological data. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 104 (D20): 24401-24421.

Times Cited: 6

Record 130 of 416

Chou, MD. 1999. Atmospheric solar heating in minor absorption bands. *TERRESTRIAL ATMOSPHERIC AND OCEANIC SCIENCES* 10 (3): 511-528.

Times Cited: 3

Record 131 of 416

Sud, YC; Walker, GK. 1999. Microphysics of Clouds with the Relaxed Arakawa-Schubert Scheme (McRAS). Part II: Implementation and performance in GEOS II GCM. *JOURNAL OF THE ATMOSPHERIC SCIENCES* 56 (18): 3221-3240.

Times Cited: 9

Record 132 of 416

Hollmann, R; Muller, J; Rockel, B; Stuhlmann, R. 1999. Satellite retrieved clouds and the radiation budget in support of BALTEX regional studies. *PHYSICS AND CHEMISTRY OF THE EARTH PART B-HYDROLOGY OCEANS AND ATMOSPHERE* 24 (1-2): 111-115.

Times Cited: 2

Record 133 of 416

Kristiansen, J; Kristjansson, JE. 1999. Shortwave cloud forcing of marine stratocumulus clouds. *PHYSICS AND CHEMISTRY OF THE EARTH PART B-HYDROLOGY OCEANS AND ATMOSPHERE* 24 (3): 225-230.

Times Cited: 0

Record 134 of 416

Weaver, CP. 1999. The interactions among cyclone dynamics, vertical thermodynamic structure, and cloud radiative forcing in the North Atlantic summertime storm track. *JOURNAL OF CLIMATE* 12 (8): 2625-2642, Part 2.

Times Cited: 3

Record 135 of 416

Minnis, P; Schumann, U; Doelling, DR; Gierens, KM; Fahey, DW. 1999. Global distribution of contrail radiative forcing. *GEOPHYSICAL RESEARCH LETTERS* 26 (13): 1853-1856.

Times Cited: 24

Record 136 of 416

Mehta, A; Susskind, J. 1999. Outgoing longwave radiation from the TOVS Pathfinder Path A data set. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 104 (D10): 12193-12212.

Times Cited: 2

Record 137 of 416

Timmreck, C; Graf, HF; Kirchner, I. 1999. A one and half year interactive MA/ECHAM4 simulation of Mount Pinatubo Aerosol. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 104 (D8): 9337-9359.

Times Cited: 6

Record 138 of 416

Yu, RC; Zhang, MH; Cess, RD. 1999. Analysis of the atmospheric energy budget: A consistency study of available data sets. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 104 (D8): 9655-9661.

Times Cited: 3

Record 139 of 416

Bushell, AC; Martin, GM. 1999. The impact of vertical resolution upon GCM simulations of marine stratocumulus. *CLIMATE DYNAMICS* 15 (4): 293-318.

Times Cited: 11

Record 140 of 416

Fowler, LD; Randall, DA. 1999. Simulation of upper tropospheric clouds with the Colorado State University general circulation model. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 104 (D6): 6101-6121.

Times Cited: 8

Record 141 of 416

Yang, SK; Hou, YT; Miller, AJ; Campana, KA. 1999. Evaluation of the earth radiation budget in NCEP-NCAR reanalysis with ERBE. *JOURNAL OF CLIMATE* 12 (2): 477-493.

Times Cited: 12

Record 142 of 416

Haeffelin, M; Kandel, R; Stubenrauch, C. 1999. Improved diurnal interpolation of reflected broadband shortwave observations using ISCCP data. *JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY* 16 (1): 38-54.

Times Cited: 5

Record 143 of 416

Inamdar, AK; Ramanathan, V. 1998. Tropical and global scale interactions among water vapor, atmospheric greenhouse effect, and surface temperature. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 103 (D24): 32177-32194.

Times Cited: 18

Record 144 of 416

Bott, A. 1998. A numerical model of the cloud-topped planetary boundary-layer: radiative forcing of aerosols in stratiform clouds. *ECOLOGICAL MODELLING* 113 (1-3): 13-30.

Times Cited: 2

Record 145 of 416

Bergman, JW; Hendon, HH. 1998. Calculating monthly radiative fluxes and heating rates from monthly cloud observations. *JOURNAL OF THE ATMOSPHERIC SCIENCES* 55 (23): 3471-3491.

Times Cited: 18

Record 146 of 416

Capderou, M. 1998. Determination of the shortwave anisotropic function for clear-sky desert scenes from ScaRaB data: Comparison with models issued from other satellite data. *JOURNAL OF APPLIED METEOROLOGY* 37 (11): 1398-1411.

Times Cited: 6

Record 147 of 416

Cusack, S; Slingo, A; Edwards, JM; Wild, M. 1998. The radiative impact of a simple aerosol climatology on the Hadley Centre atmospheric GCM. *QUARTERLY JOURNAL OF THE ROYAL METEOROLOGICAL SOCIETY* 124 (551): 2517-2526, Part A.

Times Cited: 27

Record 148 of 416

Lubin, D; Jensen, EH; Gies, HP. 1998. Global surface ultraviolet radiation climatology from TOMS and ERBE data. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 103 (D20): 26061-26091.

Times Cited: 28

Record 149 of 416

Minschwaner, K; Carver, RW; Briegleb, BP; Roche, AE. 1998. Infrared radiative forcing and atmospheric lifetimes of trace species based on observations from UARS. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 103 (D18): 23243-23253.

Times Cited: 11

Record 150 of 416

Oh, SN. 1998. Estimation of earth OLR using a radiation model calculation and satellite radiance observations. *ATMOSPHERIC RESEARCH* 49 (3): 235-251.

Times Cited: 0

Record 151 of 416

Pai, DS; Rajeevan, M. 1998. Clouds and cloud radiative forcing over tropical Indian Ocean and their relationship with sea surface temperature. *CURRENT SCIENCE* 75 (4): 372-381.

Times Cited: 3

Record 152 of 416

Noguer, M; Jones, R; Murphy, J. 1998. Sources of systematic errors in the climatology of a regional climate model over Europe. *CLIMATE DYNAMICS* 14 (10): 691-712.

Times Cited: 35

Record 153 of 416

Manalo-Smith, N; Smith, GL; Tiwari, SN; Staylor, WF. 1998. Analytic forms of bidirectional reflectance functions for application to Earth radiation budget studies. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 103 (D16): 19733-19751.

Times Cited: 3

Record 154 of 416

Chou, MD; Zhao, WZ; Chou, SH. 1998. Radiation budgets and cloud radiative forcing in the Pacific warm pool during TOGA COARE. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 103 (D14): 16967-16977.

Times Cited: 12

Record 155 of 416

Sun, DZ; Trenberth, KE. 1998. Coordinated heat removal from the equatorial Pacific during the 1986-87 El Nino. *GEOPHYSICAL RESEARCH LETTERS* 25 (14): 2659-2662.

Times Cited: 28

Record 156 of 416

Wielicki, BA; Barkstrom, BR; Baum, BA; Charlock, TP; Green, RN; Kratz, DP; Lee, RB; Minnis, P; Smith, GL; Wong, TM; Young, DF; Cess, RD; Coakley, JA; Crommelynck, DAH; Donner, L; Kandel, R; King, MD; Miller, AJ; Ramanathan, V; Randall, DA; Stowe, LL; Welch, RM. 1998. Clouds and the Earth's Radiant Energy System (CERES): Algorithm overview. *IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING* 36 (4): 1127-1141.

Times Cited: 15

Record 157 of 416

Christopher, SA; Wang, M; Berendes, TA; Welch, RM; Yang, SK. 1998. The 1985 biomass burning season in South America: Satellite remote sensing of fires, smoke, and regional radiative energy budgets. *JOURNAL OF APPLIED METEOROLOGY* 37 (7): 661-678.

Times Cited: 15

Record 158 of 416

Stenchikov, GL; Kirchner, I; Robock, A; Graf, HF; Antuna, JC; Grainger, RG; Lambert, A; Thomason, L. 1998. Radiative forcing from the 1991 Mount Pinatubo volcanic eruption. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 103 (D12): 13837-13857.

Times Cited: 46

Record 159 of 416

Young, DF; Minnis, P; Doelling, DR; Gibson, GG; Wong, T. 1998. Temporal interpolation methods for the Clouds and the Earth's Radiant Energy system (CERES) experiment. *JOURNAL OF APPLIED METEOROLOGY* 37 (6): 572-590.

Times Cited: 18

Record 160 of 416

Trishchenko, A; Li, ZQ. 1998. Use of ScaRaB measurements for validating a GOES-based TOA radiation product. *JOURNAL OF APPLIED METEOROLOGY* 37 (6): 591-605.

Times Cited: 8

Record 161 of 416

Idso, SB. 1998. CO₂-induced global warming: a skeptic's view of potential climate change. *CLIMATE RESEARCH* 10 (1): 69-82.

Times Cited: 6

Record 162 of 416

Ho, CH; Chou, MD; Suarez, M; Lau, KM; Yan, MMH. 1998. Comparison of model-calculated and ERBE-retrieved clear-sky outgoing longwave radiation. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 103 (D10): 11529-11536.

Times Cited: 5

Record 163 of 416

Kiehl, JT; Hack, JJ; Hurrell, JW. 1998. The energy budget of the NCAR Community Climate Model: CCM3. *JOURNAL OF CLIMATE* 11 (6): 1151-1178.

Times Cited: 59

Record 164 of 416

Briegleb, BP; Bromwich, DH. 1998. Polar radiation budgets of the NCAR CCM3. *JOURNAL OF CLIMATE* 11 (6): 1246-1269.

Times Cited: 25

Record 165 of 416

Kandel, R; Viollier, M; Raberanto, P; Duvel, JP; Pakhomov, LA; Golovko, VA; Trishchenko, AP; Mueller, J; Raschke, E; Stuhlmann, R. Int ScaRaB Sci Working Grp ISSWG. 1998. The ScaRaB earth radiation budget dataset. *BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY* 79 (5): 765-783.

Times Cited: 49

Record 166 of 416

Capderou, M. 1998. Confirmation of Helmholtz reciprocity using ScaRaB satellite data. *REMOTE SENSING OF ENVIRONMENT* 64 (3): 266-285.

Times Cited: 5

Record 167 of 416

Zhang, MH; Lin, WY; Kiehl, JT. 1998. Bias of atmospheric shortwave absorption in the NCAR Community Climate Models 2 and 3: Comparison with monthly ERBE/GEBA measurements. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 103 (D8): 8919-8925.

Times Cited: 7

Record 168 of 416

Slingo, A; Pamment, JA; Webb, MJ. 1998. A 15-year simulation of the clear-sky greenhouse effect using the ECMWF reanalyses: Fluxes and comparisons with ERBE. *JOURNAL OF CLIMATE* 11 (4): 690-708.

Times Cited: 15

Record 169 of 416

Rotstayn, LD. 1998. A physically based scheme for the treatment of stratiform clouds and precipitation in large-scale models. II: Comparison of modelled and observed climatological fields. *QUARTERLY JOURNAL OF THE ROYAL METEOROLOGICAL SOCIETY* 124 (546): 389-415, Part B.

Times Cited: 9

Record 170 of 416

Li, ZJ; Navon, IM. 1998. Adjoint sensitivity of the Earth's radiation budget in the NCEP medium-range forecasting model. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 103 (D4): 3801-3814.

Times Cited: 6

Record 171 of 416

Zhang, MH; Cess, RD; Jing, XD. 1997. Concerning the interpretation of enhanced cloud shortwave absorption using monthly-mean earth radiation budget experiment/global energy balance archive measurements. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 102 (D22): 25899-25905.

Times Cited: 2

Record 172 of 416

Lee, WH; Iacobellis, SF; Somerville, RCJ. 1997. Cloud radiation forcings and feedbacks: General circulation model tests and observational validation. *JOURNAL OF CLIMATE* 10 (10): 2479-2496.

Times Cited: 14

Record 173 of 416

Kim, YS. 1997. Correlation of cloud radiative forcing with clear-sky flux: Seasonal variations of longwave components. *INTERNATIONAL JOURNAL OF CLIMATOLOGY* 17 (12): 1369-1379.

Times Cited: 0

Record 174 of 416

Haefelin, MPA; Mahan, JR; Priestley, KJ. 1997. Predicted dynamic electrothermal performance of thermistor bolometer radiometers for Earth radiation budget applications. *APPLIED OPTICS* 36 (28): 7129-7142.

Times Cited: 1

Record 175 of 416

Weare, BC. 1997. Comparison of NCEP-NCAR cloud radiative forcing reanalyses with observations. *JOURNAL OF CLIMATE* 10 (9): 2200-2209.

Times Cited: 15

Record 176 of 416

Wong, TM; Harrison, EF; Gibson, GG; Denn, FM. 1997. On the determination of the optimal scan mode sequence for the TRMM CERES instrument. *JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY* 14 (5): 1230-1236.

Times Cited: 1

Record 177 of 416

Conant, WC; Ramanathan, V; Valero, FPJ; Meywerk, J. 1997. An examination of the clear-sky solar absorption over the Central Equatorial Pacific: Observations versus models. *JOURNAL OF CLIMATE* 10 (8): 1874-1884.

Times Cited: 24

Record 178 of 416

Bony, S; Lau, KM; Sud, YC. 1997. Sea surface temperature and large-scale circulation influences on tropical greenhouse effect and cloud radiative forcing. *JOURNAL OF CLIMATE* 10 (8): 2055-2077.

Times Cited: 40

Record 179 of 416

Susskind, J; Piraino, P; Rokke, L; Iredell, T; Mehta, A. 1997. Characteristics of the TOVS Pathfinder Path A dataset. *BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY* 78 (7): 1449-1472.

Times Cited: 84

Record 180 of 416

Christopher, SA; Chou, J. 1997. The potential for collocated AGLP and ERBE data for fire, smoke, and radiation budget studies. *INTERNATIONAL JOURNAL OF REMOTE SENSING* 18 (12): 2657-2676.

Times Cited: 3

Record 181 of 416

Ghan, SJ; Leung, LR; Hu, Q. 1997. Application of cloud microphysics to NCAR community climate model. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 102 (D14): 16507-16527.

Times Cited: 23

Record 182 of 416

Cess, RD; Zhang, MH; Potter, GL; Alekseev, V; Barker, HW; Bony, S; Colman, RA; Dazlich, DA; DelGenio, AD; Deque, M; Dix, MR; Dymnikov, V; Esch, M; Fowler, LD; Fraser, JR; Galin, V; Gates, WL; Hack, JJ; Ingram, WJ; Kiehl, JT; Kim, Y; LeTreut, H; Liang, XZ; McAvaney, BJ; Meleshko, VP; Morcrette, JJ; Randall, DA; Roeckner, E; Schlesinger, ME; Sporyshev, PV; Taylor, KE; Timbal, B; Volodin, EM; Wang, W; Wang, WC; Wetherald, RT. 1997. Comparison of the seasonal change in cloud-radiative forcing from atmospheric general circulation models and satellite observations. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 102 (D14): 16593-16603.

Times Cited: 23

Record 183 of 416

Campbell, GG; VonderHaar, TH. 1997. Comparison of surface temperature minimum and maximum and satellite measured cloudiness and radiation budget. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 102 (D14): 16639-16645.

Times Cited: 4

Record 184 of 416

Mueller, J. 1997. Geostationary Earth Radiation Budget (GERB) instrument calibration plans. *CALIBRATION AND INTERCALIBRATION OF SATELLITE SENSORS AND EARLY RESULTS OF RADARSAT* 19 (9): 1307-1316.

Book series title: ADVANCES IN SPACE RESEARCH

Times Cited: 1

Record 185 of 416

Bony, S; Sud, Y; Lau, KM; Susskind, J; Saha, S. 1997. Comparison and satellite assessment of NASA/DAO and NCEP-NCAR reanalyses over tropical ocean: Atmospheric hydrology and radiation. *JOURNAL OF CLIMATE* 10 (6): 1441-1462.

Times Cited: 22

Record 186 of 416

Soden, BJ. 1997. Variations in the tropical greenhouse effect during El Nino. *JOURNAL OF CLIMATE* 10 (5): 1050-1055.

Times Cited: 20

Record 187 of 416

Bergman, JW; Salby, ML. 1997. The role of cloud diurnal variations in the time-mean energy budget. *JOURNAL OF CLIMATE* 10 (5): 1114-1124.

Times Cited: 10

Record 188 of 416

Cullather, RI; Harshvardhan; Campana, KA. 1997. Climatology of cloud and radiation fields in a numerical weather prediction model. *THEORETICAL AND APPLIED CLIMATOLOGY* 57 (1-2): 11-33.

Times Cited: 1

Record 189 of 416

Duvel, JP; Bony, S; LeTreut, H. 1997. Clear-sky greenhouse effect sensitivity to sea surface temperature changes: an evaluation of AMIP simulations. *CLIMATE DYNAMICS* 13 (4): 259-273.

Times Cited: 4

Record 190 of 416

Vintzileos, A; Sadourny, R. 1997. A general interface between an atmospheric general circulation model and underlying ocean and land surface models: Delocalized physics scheme. *MONTHLY WEATHER REVIEW* 125 (5): 926-941.

Times Cited: 9

Record 191 of 416

Ringer, MA; Shine, KP. 1997. Sensitivity of the Earth's radiation budget to interannual variations in cloud amount. *CLIMATE DYNAMICS* 13 (3): 213-222.

Times Cited: 2

Record 192 of 416

Bott, A. 1997. A numerical model of the cloud-topped planetary boundary-layer: Impact of aerosol particles on the radiative forcing of stratiform clouds. *QUARTERLY JOURNAL OF THE ROYAL METEOROLOGICAL SOCIETY* 123 (539): 631-656, Part A.

Times Cited: 12

Record 193 of 416

Yamanouchi, T; Charlock, TP. 1997. Effects of clouds, ice sheet, and sea ice on the Earth radiation budget in the Antarctic. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 102 (D6): 6953-6970.

Times Cited: 1

Record 194 of 416

Kiehl, JT; Trenberth, KE. 1997. Earth's annual global mean energy budget. *BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY* 78 (2): 197-208.

Times Cited: 76

Record 195 of 416

Guilyardi, E; Madec, G. 1997. Performance of the OPA/ARPEGE-T21 global ocean-atmosphere coupled model. *CLIMATE DYNAMICS* 13 (2): 149-165.

Times Cited: 23

Record 196 of 416

Li, ZQ; Moreau, L; Arking, A. 1997. On solar energy disposition: A perspective from observation and modeling. *BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY* 78 (1): 53-70.

Times Cited: 45

Record 197 of 416

Salby, ML; Callaghan, P. 1997. Sampling error in climate properties derived from satellite measurements: Consequences of undersampled diurnal variability. *JOURNAL OF CLIMATE* 10 (1): 18-36.

Times Cited: 18

Record 198 of 416

Stubenrauch, CJ; DelGenio, AD; Rossow, WB. 1997. Implementation of subgrid cloud vertical structure inside a GCM and its effect on the radiation budget. *JOURNAL OF CLIMATE* 10 (2): 273-287.

Times Cited: 27

Record 199 of 416

Li, Z. 1996. On the angular correction of satellite radiation measurements: The performance of ERBE angular dependence model in the arctic. *THEORETICAL AND APPLIED CLIMATOLOGY* 54 (3-4): 235-248.

Times Cited: 12

Record 200 of 416

Weaver, CP; Ramanathan, V. 1996. The link between summertime cloud radiative forcing and extratropical cyclones in the North Pacific. *JOURNAL OF CLIMATE* 9 (9): 2093-2109.

Times Cited: 11

Record 201 of 416

Ye, Q; Coakley, JA. 1996. Biases in Earth radiation budget observations .1. Effects of scanner spatial resolution on the observed anisotropy. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 101 (D16): 21243-21252.

Times Cited: 3

Record 202 of 416

Ye, Q; Coakley, JA. 1996. Biases in Earth radiation budget observations .2. Consistent scene identification and anisotropic factors. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 101 (D16): 21253-21263.

Times Cited: 11

Record 203 of 416

Christopher, SA; Kliche, DV; Chou, J; Welch, RM. 1996. First estimates of the radiative forcing of aerosols generated from biomass burning using satellite data. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 101 (D16): 21265-21273.

Times Cited: 34

Record 204 of 416

Zhang, C; Dazlich, DA; Randall, DA; Sellers, PJ; Denning, AS. 1996. Calculation of the global land surface energy, water and CO2 fluxes with an off-line version of SiB2. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 101 (D14): 19061-19075.

Times Cited: 9

Record 205 of 416

Ridout, JA; Rosmond, TE. 1996. Global modeling of cloud radiative effects using ISCCP cloud data. *JOURNAL OF CLIMATE* 9 (7): 1479-1496.

Times Cited: 5

Record 206 of 416

Chen, CT; Roeckner, E; Soden, BJ. 1996. A comparison of satellite observations and model simulations of column-integrated moisture and upper-tropospheric humidity. *JOURNAL OF CLIMATE* 9 (7): 1561-1585.

Times Cited: 14

Record 207 of 416

Mecherikunnel, AT. 1996. Solar total irradiance observations from spacecraft: 1992-1993. *JOURNAL OF GEOPHYSICAL RESEARCHSPACE PHYSICS* 101 (A8): 17073-17079.

Times Cited: 2

Record 208 of 416

Green, RN; Avis, LM. 1996. Validation of ERBS scanner radiances. *JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY* 13 (4): 851-862.

Times Cited: 8

Record 209 of 416

Gregory, D; Morris, D. 1996. The sensitivity of climate simulations to the specification of mixed phase clouds. *CLIMATE DYNAMICS* 12 (9): 641-651.

Times Cited: 26

Record 210 of 416

Collins, WD; Valero, FPJ; Flatau, PJ; Lubin, D; Grassl, H; Pilewskie, P. 1996. Radiative effects of convection in the tropical Pacific. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 101 (D10): 14999-15012.

Times Cited: 11

Record 211 of 416

Chen, MH; Bates, JR. 1996. A comparison of climate simulations from a semi-Lagrangian and an Eulerian GCM. *JOURNAL OF CLIMATE* 9 (5): 1126-1149.

Times Cited: 19

Record 212 of 416

Wielicki, BA; Barkstrom, BR; Harrison, EF; Lee, RB; Smith, GL; Cooper, JE. 1996. Clouds and the earth's radiant energy system (CERES): An earth observing system experiment. *BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY* 77 (5): 853-868.

Times Cited: 127

Record 213 of 416

Li, ZQ; Moreau, L. 1996. Alteration of atmospheric solar absorption by clouds: Simulation and observation. *JOURNAL OF APPLIED METEOROLOGY* 35 (5): 653-670.

Times Cited: 36

Record 214 of 416

Minschwaner, K; Dessler, AE; Elkins, JW; Volk, CM; Fahey, DW; Loewenstein, M; Podolske, JR; Roche, AE; Chan, KR. 1996. Bulk properties of isentropic mixing into the tropics in the lower stratosphere. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 101 (D5): 9433-9439.

Times Cited: 55

Record 215 of 416

Hucek, R; Stowe, L; Joyce, R. 1996. Evaluating the design of an earth radiation budget instrument with system simulations .3. CERES-I diurnal sampling error. *JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY* 13 (2): 383-399.

Times Cited: 2

Record 216 of 416

Stubenrauch, CJ; Scott, NA; Chedin, A. 1996. Cloud field identification for earth radiation budget studies .1. Cloud field classification using HIRS-MSU sounder measurements. *JOURNAL OF APPLIED METEOROLOGY* 35 (3): 416-427.

Times Cited: 14

Record 217 of 416

Stubenrauch, CJ; Seze, G; Scott, NA; Chedin, A; Desbois, M; Kandel, RS. 1996. Cloud field identification for earth radiation budget studies .2. Cloud field classification for the ScaRaB radiometer. *JOURNAL OF APPLIED METEOROLOGY* 35 (3): 428-443.

Times Cited: 4

Record 218 of 416

DelGenio, AD; Yao, MS; Kovari, W; Lo, KKW. 1996. A prognostic cloud water parameterization for global climate models. *JOURNAL OF CLIMATE* 9 (2): 270-304.

Times Cited: 147

Record 219 of 416

Greenwald, TJ; Stephens, GL; Christopher, SA; VonderHaar, TH. 1995. Observations of the global characteristics and regional radiative effects of marine cloud liquid water. *JOURNAL OF CLIMATE* 8 (12): 2928-2946.

Times Cited: 31

Record 220 of 416

Yamanouchi, T; Charlock, TP. 1995. Comparison of radiation budget at the TOA and surface in the Antarctic from ERBE and ground surface measurements. *JOURNAL OF CLIMATE* 8 (12): 3109-3120.

Times Cited: 7

Record 221 of 416

Dessler, AE; Minschwaner, K; Weinstock, EM; Hints, EJ; Anderson, JG; Russell, JM. 1996. The effects of tropical cirrus clouds on the abundance of lower stratospheric ozone. *JOURNAL OF ATMOSPHERIC CHEMISTRY* 23 (2): 209-220.

Times Cited: 15

Record 222 of 416

Chen, CT; Roeckner, E. 1996. Validation of the earth radiation budget as simulated by the Max Planck Institute for Meteorology general circulation model ECHAM4 using satellite observations of the Earth Radiation Budget Experiment. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 101 (D2): 4269-4287.

Times Cited: 39

Record 223 of 416

Martin, CF; Rubincam, DP. 1996. Effects of Earth albedo on the LAGEOS I satellite. *JOURNAL OF GEOPHYSICAL RESEARCH-SOLID EARTH* 101 (B2): 3215-3226.

Times Cited: 11

Record 224 of 416

Zhou, LH; Pinker, RT; Laszlo, I. 1996. Shortwave radiative cloud forcing in the tropical Pacific including the 1982-1983 and 1987 El Ninos. *INTERNATIONAL JOURNAL OF CLIMATOLOGY* 16 (1): 1-13.

Times Cited: 2

Record 225 of 416

Lee, WH; Somerville, RCJ. 1996. Effects of alternative cloud radiation parameterizations in a general circulation model. *ANNALES GEOPHYSICAE-ATMOSPHERES HYDROSPHERES AND SPACE SCIENCES* 14 (1): 107-114.

Times Cited: 4

Record 226 of 416

HAHMANN, AN; WARD, DM; DICKINSON, RE. 1995. LAND-SURFACE TEMPERATURE AND RADIATIVE FLUXES RESPONSE OF THE NCAR CCM2 BIOSPHERE-ATMOSPHERE TRANSFER SCHEME TO MODIFICATIONS IN THE PROPERTIES OF CLOUDS. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 100 (D11): 23239-23252.

Times Cited: 21

Record 227 of 416

KYLE, HL; HUCEK, R; ARDANUY, P; PENN, L; GROVEMAN, B; HICKEY, J; MASCHOFF, R. 1995. IN-FLIGHT CALIBRATION OF THE NIMBUS-7 EARTH RADIATION BUDGET (ERB) SENSORS .2. SHORT-TERM PERTURBATIONS. *JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY* 12 (6): 1150-1162.

Times Cited: 4

Record 228 of 416

SODEN, BJ; FU, R. 1995. A SATELLITE ANALYSIS OF DEEP CONVECTION, UPPER-TROPOSPHERIC HUMIDITY, AND THE GREENHOUSEEFFECT. *JOURNAL OF CLIMATE* 8 (10): 2333-2351.

Times Cited: 54

Record 229 of 416

VIOLLIER, M; KANDEL, R; RABERANTO, P. 1995. INVERSION AND SPACE-TIME-AVERAGING ALGORITHMS FOR SCARAB (SCANNER FOR THE EARTH RADIATION BUDGET) - COMPARISON WITH ERBE. *ANNALES GEOPHYSICAE-ATMOSPHERES HYDROSPHERES AND SPACE SCIENCES* 13 (9): 959-968.

Times Cited: 25

Record 230 of 416

SMITH, GL; SMITH, NM. 1995. SCENE IDENTIFICATION ERROR PROBABILITIES FOR EVALUATING EARTH RADIATION MEASUREMENTS. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 100 (D8): 16377-16385.

Times Cited: 2

Record 231 of 416

CLOUGH, SA; IACONO, MJ. 1995. LINE-BY-LINE CALCULATION OF ATMOSPHERIC FLUXES AND COOLING RATES .2. APPLICATION TO CARBON-DIOXIDE, OZONE, METHANE, NITROUS-OXIDE AND THE HALOCARBONS. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 100 (D8): 16519-16535.

Times Cited: 88

Record 232 of 416

PANDEY, DK; LEE, RB; PADEN, J. 1995. EFFECTS OF ATMOSPHERIC EMISSIVITY ON CLEAR-SKY TEMPERATURES. *ATMOSPHERIC ENVIRONMENT* 29 (16): 2201-2204.

Times Cited: 1

Record 233 of 416

BARKER, HW; LI, ZQ. 1995. IMPROVED SIMULATION OF CLEAR-SHY SHORTWAVE RADIATIVE-TRANSFER IN THE CCC-GCM. *JOURNAL OF CLIMATE* 8 (9): 2213-2223.

Times Cited: 18

Record 234 of 416

YANG, ZL; PITMAN, AJ; MCAVANEY, B; HENDERSONSELLERS, A. 1995. THE IMPACT OF IMPLEMENTING THE BARE ESSENTIALS OF SURFACE TRANSFER LAND-SURFACE SCHEME INTO THE BMRC GCM. *CLIMATE DYNAMICS* 11 (5): 279-297.

Times Cited: 6

Record 235 of 416

BONY, S; DUVEL, JP; LETREUT, H. 1995. OBSERVED DEPENDENCE OF THE WATER-VAPOR AND CLEAR-SKY GREENHOUSE-EFFECT ON SEA-SURFACE TEMPERATURE - COMPARISON WITH CLIMATE WARMING EXPERIMENTS. *CLIMATE DYNAMICS* 11 (5): 307-320.

Times Cited: 35

Record 236 of 416

CHEN, MH; CESS, RD; ZHANG, MH. 1995. EFFECTS OF LONGWAVE CLOUD RADIATIVE FORCING ANOMALIES ON THE ATMOSPHERIC RESPONSE TO EQUATORIAL PACIFIC SEA-SURFACE TEMPERATURE ANOMALIES. *JOURNAL OF GEOPHYSICAL RESEARCH* 100 (D7): 13791-13810.

Times Cited: 4

Record 237 of 416

CHOU, MD; ARKING, A; OTTERMAN, J; RIDGWAY, WL. 1995. THE EFFECT OF CLOUDS ON ATMOSPHERIC ABSORPTION OF SOLARRADIATION. *GEOPHYSICAL RESEARCH LETTERS* 22 (14): 1885-1888.

Times Cited: 33

Record 238 of 416

WEARE, BC. 1995. FACTORS CONTROLLING ERBE LONGWAVE CLEAR-SKY AND CLOUD FORCING FLUXES. *JOURNAL OF CLIMATE* 8 (7): 1889-1899.

Times Cited: 6

Record 239 of 416

HUCEK, R; JACOBOWITZ, H. 1995. IMPACT OF SCENE DEPENDENCE ON AVHRR ALBEDO MODELS. *JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY* 12 (4): 697-711.

Times Cited: 9

Record 240 of 416

WU, B; LU, D; FU, Q. 1995. RADIATIVE EFFECTS OF PINATUBO AEROSOLS IN THE MIDDLE LATITUDES OF THE NORTHERNHEMISPHERE. *THEORETICAL AND APPLIED CLIMATOLOGY* 51 (1-2): 13-23.

Times Cited: 0

Record 241 of 416

SCHNEIDER, N; BARNETT, TP. 1995. THE COMPETITION OF FRESH-WATER AND RADIATION IN FORCING THE OCEAN DURING ELNINO. *JOURNAL OF CLIMATE* 8 (5): 980-992, Part 1.

Times Cited: 6

Record 242 of 416

LEE, HS; KRISHNAMURTI, TN. 1995. IMPACT OF PHYSICAL INITIALIZATION ON CLOUD FORECASTS. *METEOROLOGY AND ATMOSPHERIC PHYSICS* 56 (3-4): 261-273.

Times Cited: 1

Record 243 of 416

ZUIDEMA, P; HARTMANN, DL. 1995. SATELLITE DETERMINATION OF STRATUS CLOUD MICROPHYSICAL PROPERTIES. *JOURNAL OF CLIMATE* 8 (6): 1638-1657.

Times Cited: 16

Record 244 of 416

KEEVALLIK, S; RANNIK, U. 1995. SOLAR SURFACE-ADSORPTION FROM DIFFERENT SATELLITE-OBSERVATIONS. *SATELLITE MONITORING OF THE EARTH'S SURFACE AND ATMOSPHERE* 16 (10): 5-14.

Book series title: ADVANCES IN SPACE RESEARCH

Times Cited: 0

Record 245 of 416

SINHA, A; SHINE, KP. 1995. SIMULATED SENSITIVITY OF THE EARTH'S RADIATION BUDGET TO CHANGES IN-CLOUD PROPERTIES. *QUARTERLY JOURNAL OF THE ROYAL METEOROLOGICAL SOCIETY* 121 (524): 797-819, Part B.

Times Cited: 12

Record 246 of 416

RAMSEY, PG; VINCENT, DG. 1995. COMPUTATION OF VERTICAL PROFILES OF LONGWAVE RADIATIVE COOLING OVER THE EQUATORIAL PACIFIC. *JOURNAL OF THE ATMOSPHERIC SCIENCES* 52 (10): 1555-1572.

Times Cited: 3

Record 247 of 416

CAPDEROU, M; KANDEL, R. 1995. DETERMINATION OF THE SHORTWAVE ANISOTROPIC FUNCTION FOR CLEAR-SKY DESERT SCENES FROM METEOSAT DATA. *JOURNAL OF APPLIED METEOROLOGY* 34 (6): 1349-1374.

Times Cited: 3

Record 248 of 416

THOMAS, D; DUVEL, JP; KANDEL, R. 1995. DIURNAL BIAS IN CALIBRATION OF BROAD-BAND RADIANCE MEASUREMENTS FROM SPACE. *IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING* 33 (3): 670-683.

Times Cited: 13

Record 249 of 416

SUN, ZA. 1995. COMPARISON OF OBSERVED AND MODELED RADIATION BUDGET OVER THE TIBETAN PLATEAU USING SATELLITE DATA. *INTERNATIONAL JOURNAL OF CLIMATOLOGY* 15 (4): 423-445.

Times Cited: 2

Record 250 of 416

MECHERIKUNNEL, A; WEISS, M; PENN, L. 1995. THE ESTIMATION OF EMITTED AND REFLECTED ENERGY OVER THE CENTRAL PACIFIC USING METEOROLOGICAL PARAMETERS. *JOURNAL OF CLIMATE* 8 (4): 762-772.

Times Cited: 0

Record 251 of 416

POETZSCHHEFFTER, C; LIU, Q; RUPRECHT, E; SIMMER, C. 1995. EFFECT OF CLOUD TYPES ON THE EARTH RADIATION BUDGET CALCULATED WITH THE ISCCP C1 DATASET - METHODOLOGY AND INITIAL RESULTS. *JOURNAL OF CLIMATE* 8 (4): 829-843.

Times Cited: 8

Record 252 of 416

VARDAVAS, IM; KOUTOULAKI, K. 1995. A MODEL FOR THE SOLAR-RADIATION BUDGET OF THE NORTHERN-HEMISPHERE - COMPARISON WITH EARTH RADIATION BUDGET EXPERIMENT DATA. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 100 (D4): 7303-7314.

Times Cited: 8

Record 253 of 416

LI, ZQ; WHITLOCK, CH; CHARLOCK, TP. 1995. ASSESSMENT OF THE GLOBAL MONTHLY MEAN SURFACE INSOLATION ESTIMATED FROM SATELLITE MEASUREMENTS USING GLOBAL ENERGY-BALANCE ARCHIVE DATA. *JOURNAL OF CLIMATE* 8 (2): 315-328.

Times Cited: 28

Record 254 of 416

COLLINS, WD; INAMDAR, AK. 1995. VALIDATION OF CLEAR-SKY FLUXES FOR TROPICAL OCEANS FROM THE EARTH RADIATION BUDGET EXPERIMENT. *JOURNAL OF CLIMATE* 8 (3): 569-578.

Times Cited: 16

Record 255 of 416

KARLSSON, KG. 1995. ESTIMATION OF CLOUDINESS AT HIGH-LATITUDES FROM MULTISPECTRAL SATELLITE MEASUREMENTS. *AMBIO* 24 (1): 33-40.

Times Cited: 3

Record 256 of 416

KEITH, DW. 1995. MERIDIONAL ENERGY-TRANSPORT - UNCERTAINTY IN ZONAL MEANS. *TELLUS SERIES A-DYNAMIC METEOROLOGY AND OCEANOGRAPHY* 47 (1): 30-44.

Times Cited: 26

Record 257 of 416

WANG, PH; MINNIS, P; YUE, GK. 1995. EXTINCTION COEFFICIENT (1-MU-M) PROPERTIES OF HIGH-ALTITUDE CLOUDS FROM SOLAR OCCULTATION MEASUREMENTS (1985-1990) - EVIDENCE OF VOLCANIC AEROSOL EFFECT. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 100 (D2): 3181-3199.

Times Cited: 18

Record 258 of 416

LI, ZQ. 1995. INTERCOMPARISON BETWEEN 2 SATELLITE-BASED PRODUCTS OF NET SURFACE SHORTWAVE RADIATION. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 100 (D2): 3221-3232.

Times Cited: 16

Record 259 of 416

ROSSOW, WB; ZHANG, YC. 1995. CALCULATION OF SURFACE AND TOP OF ATMOSPHERE RADIATIVE FLUXES FROM PHYSICAL QUANTITIES BASED ON ISCCP DATA SETS .2. VALIDATION AND FIRST RESULTS. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 100 (D1): 1167-1197.

Times Cited: 108

Record 260 of 416

HASKINS, RD; BARNETT, TP; TYREE, MM; ROECKNER, E. 1995. COMPARISON OF CLOUD FIELDS FROM ATMOSPHERIC GENERALCIRCULATION MODEL, IN-SITU AND SATELLITE MEASUREMENTS. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 100 (D1): 1367-1378.

Times Cited: 22

Record 261 of 416

PINKER, RT; FROUIN, R; LI, Z. 1995. A REVIEW OF SATELLITE METHODS TO DERIVE SURFACE SHORTWAVE IRRADIANCE. *REMOTE SENSING OF ENVIRONMENT* 51 (1): 108-124.

Times Cited: 34

Record 262 of 416

MURPHY, JM. 1995. TRANSIENT-RESPONSE OF THE HADLEY-CENTER COUPLED OCEAN-ATMOSPHERE MODEL TO INCREASING CARBON-DIOXIDE .1. CONTROL CLIMATE AND FLUX ADJUSTMENT. *JOURNAL OF CLIMATE* 8 (1): 36-56.

Times Cited: 105

Record 263 of 416

SEAGER, R; BLUMENTHAL, MB. 1994. MODELING TROPICAL PACIFIC SEA-SURFACE TEMPERATURE WITH SATELLITE-DERIVED SOLAR RADIATIVE FORCING. *JOURNAL OF CLIMATE* 7 (12): 1943-1957.

Times Cited: 26

Record 264 of 416

CHOU, MD. 1994. RADIATION BUDGETS IN THE WESTERN TROPICAL PACIFIC. *JOURNAL OF CLIMATE* 7 (12): 1958-1971.

Times Cited: 9

Record 265 of 416

LEROUX, X; POLCHER, J; DEDIEU, G; MENAUT, JC; MONTENY, BA. 1994. RADIATION EXCHANGES ABOVE WEST-AFRICAN MOIST SAVANNAS - SEASONAL PATTERNS AND COMPARISON WITH A GCM SIMULATION. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 99 (D12): 25857-25868.

Times Cited: 11

Record 266 of 416

KANN, DM; YANG, SK; MILLER, AJ. 1994. MEAN MERIDIONAL TRANSPORT OF ENERGY IN THE EARTH-ATMOSPHERE SYSTEM USING NMC GLOBAL ANALYSES AND ERBE RADIATION DATA. *TELLUS SERIES A-DYNAMIC METEOROLOGY AND OCEANOGRAPHY* 46 (5): 553-565.

Times Cited: 4

Record 267 of 416

GAUDENZI, M. 1994. COMPARISON AND INTEGRAL COMPARISON-THEOREMS FOR LINEAR-DIFFERENTIAL EQUATIONS. *JOURNAL OF DIFFERENTIAL EQUATIONS* 114 (1): 24-56.

Times Cited: 3

Record 268 of 416

GRUBER, A; ELLINGSON, R; ARDANUY, P; WEISS, M; YANG, SK; OH, SN. 1994. A COMPARISON OF ERBE AND AVHRR LONGWAVE FLUX ESTIMATES. *BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY* 75 (11): 2115-2130.

Times Cited: 13

Record 269 of 416

GROISMAN, PY; KARL, TR; KNIGHT, RW; STENCHIKOV, GL. 1994. CHANGES OF SNOW COVER, TEMPERATURE, AND RADIATIVE HEAT-BALANCE OVER THE NORTHERN-HEMISPHERE. *JOURNAL OF CLIMATE* 7 (11): 1633-1656.

Times Cited: 85

Record 270 of 416

CHOU, MD. 1994. COOLNESS IN THE TROPICAL PACIFIC DURING AN EL-NINO EPISODE. *JOURNAL OF CLIMATE* 7 (11): 1684-1692.

Times Cited: 33

Record 271 of 416

SOHN, BJ. 1994. TEMPERATURE-MOISTURE BIASES IN ECMWF ANALYSES BASED ON CLEAR-SKY LONGWAVE SIMULATIONS CONSTRAINED BY SSMI AND MSU MEASUREMENTS AND COMPARISONS TO ERBE ESTIMATES. *JOURNAL OF CLIMATE* 7 (11): 1707-1718.

Times Cited: 4

Record 272 of 416

TIE, XX; BRASSEUR, GP; BRIEGLEB, B; GRANIER, C. 1994. 2-DIMENSIONAL SIMULATION OF PINATUBO AEROSOL AND ITS EFFECT ON STRATOSPHERIC OZONE. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 99 (D10): 20545-20562.

Times Cited: 80

Record 273 of 416

KIEHL, JT; HACK, JJ; BRIEGLEB, BP. 1994. THE SIMULATED EARTH RADIATION BUDGET OF THE NATIONAL CENTER FOR ATMOSPHERIC RESEARCH COMMUNITY CLIMATE MODEL CCM2 AND COMPARISONS WITH THE EARTH RADIATION BUDGET EXPERIMENT (ERBE). *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 99 (D10): 20815-20827.

Times Cited: 98

Record 274 of 416

KIM, YS. 1994. ANALYSIS AND COMPARISON OF DIURNAL-VARIATIONS OF CLOUD RADIATIVE FORCING - EARTH RADIATION BUDGET EXPERIMENT AND INTERNATIONAL SATELLITE CLOUD CLIMATOLOGY PROJECT RESULTS. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 99 (D10): 20847-20862.

Times Cited: 1

Record 275 of 416

DAVIES, R. 1994. SPATIAL AUTOCORRELATION OF RADIATION MEASURED BY THE EARTH RADIATION BUDGET EXPERIMENT - SCENE INHOMOGENEITY AND RECIPROCITY VIOLATION. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 99 (D10): 20879-20887.

Times Cited: 11

Record 276 of 416

STOWE, L; HUCEK, R; ARDANUY, P; JOYCE, R. 1994. EVALUATING THE DESIGN OF AN EARTH RADIATION BUDGET INSTRUMENT WITH SYSTEM SIMULATIONS .2. MINIMIZATION OF INSTANTANEOUS SAMPLING ERRORS FOR CERES-I. *JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY* 11 (5): 1169-1183.

Times Cited: 3

Record 277 of 416

STEPHENS, GL; SLINGO, A; WEBB, MJ; MINNETT, PJ; DAUM, PH; KLEINMAN, L; WITTMAYER, I; RANDALL, DA. 1994. OBSERVATIONS OF THE EARTHS RADIATION BUDGET IN RELATION TO ATMOSPHERIC HYDROLOGY .4. ATMOSPHERIC COLUMN RADIATIVE COOLING OVER THE WORLDS OCEANS. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 99 (D9): 18585-18604.

Times Cited: 25

Record 278 of 416

ELLINGSON, RG; LEE, HT; YANUK, D; GRUBER, A. 1994. VALIDATION OF A TECHNIQUE FOR ESTIMATING OUTGOING LONGWAVE RADIATION FROM HIRS RADIANCE OBSERVATIONS. *JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY* 11 (2): 357-365, Part 1.

Times Cited: 11

Record 279 of 416

JENSEN, EJ; KINNE, S; TOON, OB. 1994. TROPICAL CIRRUS CLOUD RADIATIVE FORCING - SENSITIVITY STUDIES. *GEOPHYSICAL RESEARCH LETTERS* 21 (18): 2023-2026.

Times Cited: 13

Record 280 of 416

TIRA, NE; MAHAN, JR; LEE, RB; KEYNTON, RJ. 1994. LINEAR-ARRAY APERTURES FOR IN-FLIGHT DYNAMIC SOLAR CALIBRATION OF RADIOMETRIC CHANNELS FOR EARTH RADIATION-BUDGET APPLICATIONS. *APPLIED OPTICS* 33 (24): 5617-5627.

Times Cited: 1

Record 281 of 416

TRENBERTH, KE; SOLOMON, A. 1994. THE GLOBAL HEAT-BALANCE - HEAT TRANSPORTS IN THE ATMOSPHERE AND OCEAN. *CLIMATE DYNAMICS* 10 (3): 107-134.

Times Cited: 125

Record 282 of 416

SCHWEIGER, AJ; KEY, JR. 1994. ARCTIC-OCEAN RADIATIVE FLUXES AND CLOUD FORCING ESTIMATED FROM THE ISCCP C2 CLOUD DATASET, 1983-1990. *JOURNAL OF APPLIED METEOROLOGY* 33 (8): 948-963.

Times Cited: 39

Record 283 of 416

DESCHAMPS, PY; BREON, FM; LEROY, M; PODAIRE, A; BRICAUD, A; BURIEZ, JC; SEZE, G. 1994. THE POLDER MISSION - INSTRUMENT CHARACTERISTICS AND SCIENTIFIC OBJECTIVES. *IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING* 32 (3): 598-615.

Times Cited: 231

Record 284 of 416

BARKER, HW; LI, ZQ; BLANCHET, JP. 1994. RADIATIVE CHARACTERISTICS OF THE CANADIAN-CLIMATE-CENTER 2ND-GENERATION GENERAL-CIRCULATION MODEL. *JOURNAL OF CLIMATE* 7 (7): 1070-1091.

Times Cited: 14

Record 285 of 416

SMITH, GL; RUTAN, D. 1994. SPATIAL VARIABILITY OF OUTGOING LONGWAVE RADIATION. *JOURNAL OF THE ATMOSPHERIC SCIENCES* 51 (13): 1808-1822.

Times Cited: 3

Record 286 of 416

BONY, S; DUVEL, JP. 1994. INFLUENCE OF THE VERTICAL STRUCTURE OF THE ATMOSPHERE ON THE SEASONAL-VARIATION OF PRECIPITABLE WATER AND GREENHOUSE-EFFECT. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 99 (D6): 12963-12980.

Times Cited: 14

Record 287 of 416

RAVAL, A; OORT, AH; RAMASWAMY, V. 1994. OBSERVED DEPENDENCE OF OUTGOING LONGWAVE RADIATION ON SEA-SURFACE TEMPERATURE AND MOISTURE. *JOURNAL OF CLIMATE* 7 (5): 807-821.

Times Cited: 26

Record 288 of 416

KANDEL, RS. 1994. EARTH RADIATION BALANCE AND CLIMATE - WHY THE MOON IS THE WRONG PLACE TO OBSERVE THE EARTH. *ASTRONOMY AND SPACE SCIENCE FROM THE MOON* 14 (6): 223-232. **Book series title:** ADVANCES IN SPACE RESEARCH

Times Cited: 0

Record 289 of 416

KIEHL, JT. 1994. ON THE OBSERVED NEAR CANCELLATION BETWEEN LONGWAVE AND SHORTWAVE CLOUD FORCING IN TROPICAL REGIONS. *JOURNAL OF CLIMATE* 7 (4): 559-565.

Times Cited: 49

Record 290 of 416

NEMESURE, S; CESS, RD; DUTTON, EG; DELUISI, JJ; LI, ZQ; LEIGHTON, HG. 1994. IMPACT OF CLOUDS ON THE SHORTWAVE RADIATION BUDGET OF THE SURFACE ATMOSPHERE SYSTEM FOR SNOW-COVERED SURFACES. *JOURNAL OF CLIMATE* 7 (4): 579-585.

Times Cited: 14

Record 291 of 416

ACKERMAN, SA; INOUE, T. 1994. RADIATION ENERGY BUDGET STUDIES USING COLLOCATED AVHRR AND ERBE OBSERVATIONS. *JOURNAL OF APPLIED METEOROLOGY* 33 (3): 370-378.

Times Cited: 7

Record 292 of 416

KANDEL, RS; MONGE, JL; VIOLLIER, M; PAKHOMOV, LA; ADASKO, VI; REITENBACH, RG; RASCHKE, E; STUHLMANN, R. 1993. THE SCARAB PROJECT - EARTH RADIATION BUDGET OBSERVATIONS FROM THE METEOR SATELLITES. *GLOBAL CHANGE AND SPACE OBSERVATIONS* 14 (1): 47-54. **Book series title:** ADVANCES IN SPACE RESEARCH

Times Cited: 1

Record 293 of 416

SMITH, GL; BARKSTROM, BR; HARRISON, EF; LEE, RB; WIELICKI, BA. 1993. RADIATION BUDGET MEASUREMENTS FOR THE EIGHTIES AND NINETIES. *GLOBAL CHANGE AND SPACE OBSERVATIONS* 14 (1): 81-84. **Book series title:** ADVANCES IN SPACE RESEARCH

Times Cited: 1

Record 294 of 416

LASZLO, I; PINKER, RT. 1993. SHORTWAVE RADIATIVE EFFECTS OF CLOUDS AS DERIVED FROM ISCCP C1 DATA. *GLOBAL CHANGE AND SPACE OBSERVATIONS* 14 (1): 95-98. **Book series title:** ADVANCES IN SPACE RESEARCH

Times Cited: 0

Record 295 of 416

JACOBOWITZ, H; HUCEK, R. 1993. IMPROVEMENTS IN BROAD-BAND PLANETARY ALBEDO ESTIMATES FROM NARROW-BAND NOAA SATELLITE-OBSERVATIONS. *GLOBAL CHANGE AND SPACE OBSERVATIONS* 14 (1): 99-102. **Book series title:** ADVANCES IN SPACE RESEARCH
Times Cited: 0

Record 296 of 416

STUBENRAUCH, C; DUVEL, JP; KANDEL, RS. 1993. DETERMINATION OF LONGWAVE ANISOTROPIC EMISSION FACTORS FROM COMBINED BROAD-BAND AND NARROW-BAND RADIANCE MEASUREMENTS. *GLOBAL CHANGE AND SPACE OBSERVATIONS* 14 (1): 103-107. **Book series title:** ADVANCES IN SPACE RESEARCH
Times Cited: 0

Record 297 of 416

BREON, FM; FROUIN, R; GAUTIER, C. 1994. GLOBAL SHORTWAVE ENERGY BUDGET AT THE EARTH'S SURFACE FROM ERBE OBSERVATIONS. *JOURNAL OF CLIMATE* 7 (2): 309-324.
Times Cited: 10

Record 298 of 416

SIEGMUND, P. 1993. CLOUD DIABATIC FORCING OF THE ATMOSPHERE, ESTIMATED FROM SIMULTANEOUS ECMWF DIABATIC HEATING AND ISCCP CLOUD AMOUNT OBSERVATIONS. *JOURNAL OF CLIMATE* 6 (12): 2419-2433.
Times Cited: 5

Record 299 of 416

SMITH, GL; MANALOSMITH, N; AVIS, LM. 1994. LIMB-DARKENING MODELS FROM ALONG-TRACK OPERATION OF THE ERBE SCANNING RADIOMETER. *JOURNAL OF APPLIED METEOROLOGY* 33 (1): 74-84.
Times Cited: 3

Record 300 of 416

GROISMAN, PY; KARL, TR; KNIGHT, RW. 1994. OBSERVED IMPACT OF SNOW COVER ON THE HEAT-BALANCE AND THE RISE OF CONTINENTAL SPRING TEMPERATURES. *SCIENCE* 263 (5144): 198-200.
Times Cited: 121

Record 301 of 416

RICARD, JL; ROYER, JF. 1993. A STATISTICAL CLOUD SCHEME FOR USE IN AN AGCM. *ANNALES GEOPHYSICAE-ATMOSPHERES HYDROSPHERES AND SPACE SCIENCES* 11 (11-12): 1095-1115.
Times Cited: 42

Record 302 of 416

MECHERIKUNNEL, A. 1993. A COMPARATIVE-STUDY OF SOLAR TOTAL IRRADIANCE MEASURED BY ACTIVE-CAVITY RADIOMETERS. *METROLOGIA* 30 (4): 271-273.
Times Cited: 2

Record 303 of 416

GUPTA, SK; STAYLOR, WF; DARNELL, WL; WILBER, AC; RITCHEY, NA. 1993. SEASONAL-VARIATION OF SURFACE AND ATMOSPHERIC CLOUD RADIATIVE FORCING OVER THE GLOBE DERIVED FROM SATELLITE DATA. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 98 (D11): 20761-20778.
Times Cited: 21

Record 304 of 416

STOWE, L; ARDANUY, P; HUCEK, R; ABEL, P; JACOBOWITZ, H. 1993. EVALUATING THE DESIGN OF AN EARTH RADIATION BUDGET INSTRUMENT WITH SYSTEM SIMULATIONS .1. INSTANTANEOUS ESTIMATES. *JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY* 10 (6): 809-826.
Times Cited: 5

Record 305 of 416

STAYLOR, WF. 1993. STABILITY OF THE EARTH RADIATION BUDGET EXPERIMENT SCANNER RESULTS FOR THE 1ST 2 YEARS OF MULTIPLE-SATELLITE OPERATION. *JOURNAL OF ATMOSPHERIC AND OCEANIC TECHNOLOGY* 10 (6): 827-832.
Times Cited: 2

Record 306 of 416

HARTMANN, DL; MICHELSEN, ML. 1993. LARGE-SCALE EFFECTS ON THE REGULATION OF TROPICAL SEA-SURFACE TEMPERATURE. *JOURNAL OF CLIMATE* 6 (11): 2049-2062.
Times Cited: 76

Record 307 of 416

ACKERMAN, SA; SMITH, WL; REVERCOMB, HE. 1993. COMPARISON OF BROAD-BAND AND HIGH-SPECTRAL-RESOLUTION INFRARED OBSERVATIONS. *INTERNATIONAL JOURNAL OF REMOTE SENSING* 14 (15): 2875-2882.

Times Cited: 1

Record 308 of 416

WONG, JSW. 1993. OSCILLATION CRITERIA FOR 2ND-ORDER NONLINEAR DIFFERENTIAL-EQUATIONS INVOLVING INTEGRAL AVERAGES. *CANADIAN JOURNAL OF MATHEMATICS-JOURNAL CANADIEN DE MATHEMATIQUES* 45 (5): 1094-1103.

Times Cited: 6

Record 309 of 416

DLHOPOLSKY, R; CESS, RD. 1993. IMPROVED ANGULAR DIRECTIONAL MODELS FOR CLEAR-SKY OCEAN DERIVED FROM EARTH RADIATION BUDGET SATELLITE SHORTWAVE RADIANCES. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 98 (D9): 16713-16721.

Times Cited: 6

Record 310 of 416

KLEIN, SA; HARTMANN, DL. 1993. THE SEASONAL CYCLE OF LOW STRATIFORM CLOUDS. *JOURNAL OF CLIMATE* 6 (8): 1587-1606.

Times Cited: 153

Record 311 of 416

SOHN, BJ; ROBERTSON, FR. 1993. INTERCOMPARISON OF OBSERVED CLOUD RADIATIVE FORCING - A ZONAL AND GLOBAL PERSPECTIVE. *BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY* 74 (6): 997-1006.

Times Cited: 13

Record 312 of 416

ZHI, H; HARSHVARDHAN. 1993. A HYBRID TECHNIQUE FOR COMPUTING THE MONTHLY MEAN NET LONGWAVE SURFACE RADIATION OVER OCEANIC AREAS. *THEORETICAL AND APPLIED CLIMATOLOGY* 47 (2): 65-79.

Times Cited: 2

Record 313 of 416

KYLE, HL; HICKEY, JR; ARDANUY, PE; JACOBOWITZ, H; ARKING, A; CAMPBELL, GG; HOUSE, FB; MASCHHOFF, R; SMITH, GL; STOWE, LL; VONDERHAAR, T. 1993. THE NIMBUS EARTH RADIATION BUDGET (ERB) EXPERIMENT - 1975 TO 1992. *BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY* 74 (5): 815-830.

Times Cited: 26

Record 314 of 416

HALLBERG, R; INAMDAR, AK. 1993. OBSERVATIONS OF SEASONAL-VARIATIONS IN ATMOSPHERIC GREENHOUSE TRAPPING AND ITS ENHANCEMENT AT HIGH SEA-SURFACE TEMPERATURE. *JOURNAL OF CLIMATE* 6 (5): 920-931.

Times Cited: 35

Record 315 of 416

PRABHAKARA, C; KRATZ, DP; YOO, JM; DALU, G; VERNEKAR, A. 1993. OPTICALLY THIN CIRRUS CLOUDS - RADIATIVE IMPACT ON THE WARM POOL. *JOURNAL OF QUANTITATIVE SPECTROSCOPY & RADIATIVE TRANSFER* 49 (5): 467-483.

Times Cited: 39

Record 316 of 416

LEAN, J; ROWNTREE, PR. 1993. A GCM SIMULATION OF THE IMPACT OF AMAZONIAN DEFORESTATION ON CLIMATE USING AN IMPROVED CANOPY REPRESENTATION. *QUARTERLY JOURNAL OF THE ROYAL METEOROLOGICAL SOCIETY* 119 (511): 509-530.

Times Cited: 77

Record 317 of 416

BESS, TD; SMITH, GL. 1993. EARTH RADIATION BUDGET - RESULTS OF OUTGOING LONGWAVE RADIATION FROM NIMBUS-7, NOAA-9, AND ERBS SATELLITES. *JOURNAL OF APPLIED METEOROLOGY* 32 (5): 813-824.

Times Cited: 1

Record 318 of 416

RIELAND, M; STUHLMANN, R. 1993. TOWARD THE INFLUENCE OF CLOUDS ON THE SHORTWAVE RADIATION BUDGET OF THE EARTH ATMOSPHERE SYSTEM ESTIMATED FROM SATELLITE DATA. *JOURNAL OF APPLIED METEOROLOGY* 32 (5): 825-843.

Times Cited: 12

Record 319 of 416

STUBENRAUCH, CJ; DUVEL, JP; KANDEL, RS. 1993. DETERMINATION OF LONGWAVE ANISOTROPIC EMISSION FACTORS FROM COMBINED BROAD-BAND AND NARROW-BAND RADIANCE MEASUREMENTS. *JOURNAL OF APPLIED METEOROLOGY* 32 (5): 848-856.

Times Cited: 11

Record 320 of 416

SENIOR, CA; MITCHELL, JFB. 1993. CARBON-DIOXIDE AND CLIMATE - THE IMPACT OF CLOUD PARAMETERIZATION. *JOURNAL OF CLIMATE* 6 (3): 393-418.

Times Cited: 147

Record 321 of 416

BAUM, BA; BARKSTROM, BR. 1993. DESIGN AND IMPLEMENTATION OF A PROTOTYPE DATA SYSTEM FOR EARTH RADIATION BUDGET, CLOUD, AEROSOL, AND CHEMISTRY DATA. *BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY* 74 (4): 591-598.

Times Cited: 5

Record 322 of 416

HARTMANN, DL; OCKERTBELL, ME; MICHELSEN, ML. 1992. THE EFFECT OF CLOUD TYPE ON EARTH'S ENERGY-BALANCE - GLOBAL ANALYSIS. *JOURNAL OF CLIMATE* 5 (11): 1281-1304.

Times Cited: 98

Record 323 of 416

LI, ZQ; LEIGHTON, HG. 1993. GLOBAL CLIMATOLOGIES OF SOLAR-RADIATION BUDGETS AT THE SURFACE AND IN THE ATMOSPHERE FROM 5 YEARS OF ERBE DATA. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 98 (D3): 4919-4930.

Times Cited: 90

Record 324 of 416

GRAVES, CE; LEE, WH; NORTH, GR. 1993. NEW PARAMETERIZATIONS AND SENSITIVITIES FOR SIMPLE CLIMATE MODELS. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 98 (D3): 5025-5036.

Times Cited: 28

Record 325 of 416

MINNIS, P; HARRISON, EF; STOWE, LL; GIBSON, GG; DENN, FM; DOELLING, DR; SMITH, WL. 1993. RADIATIVE CLIMATE FORCING BY THE MOUNT-PINATUBO ERUPTION. *SCIENCE* 259 (5100): 1411-1415.

Times Cited: 109

Record 326 of 416

LASZLO, I; PINKER, RT. 1993. SHORTWAVE CLOUD-RADIATIVE FORCING AT THE TOP OF THE ATMOSPHERE AT THE SURFACE AND OF THE ATMOSPHERIC COLUMN AS DETERMINED FROM ISCCP C1 DATA. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 98 (D2): 2703-2713.

Times Cited: 16

Record 327 of 416

KONDRAGUNTA, CR; KYLE, HL; MECHERIKUNNEL, AT. 1993. DIURNAL-VARIATION OF THE OUTGOING LONG-WAVE-RADIATION - AS REVEALED BY THE ERBE. *TELLUS SERIES A-DYNAMIC METEOROLOGY AND OCEANOGRAPHY* 45A (1): 1-14.

Times Cited: 2

Record 328 of 416

STEPHENS, GL; OBRIEN, DM. 1993. ENTROPY AND CLIMATE .1. ERBE OBSERVATIONS OF THE ENTROPY PRODUCTION OF THE EARTH. *QUARTERLY JOURNAL OF THE ROYAL METEOROLOGICAL SOCIETY* 119 (509): 121-152, Part A.

Times Cited: 27

Record 329 of 416

OCKERTBELL, ME; HARTMANN, DL. 1992. THE EFFECT OF CLOUD TYPE ON EARTH'S ENERGY-BALANCE - RESULTS FOR SELECTED REGIONS. *JOURNAL OF CLIMATE* 5 (10): 1157-1171.

Times Cited: 36

Record 330 of 416

SLINGO, A; WEBB, MJ. 1992. SIMULATION OF CLEAR-SKY OUTGOING LONGWAVE RADIATION OVER THE OCEANS USING OPERATIONAL ANALYSES. *QUARTERLY JOURNAL OF THE ROYAL METEOROLOGICAL SOCIETY* 118 (508): 1117-1144.

Times Cited: 28

Record 331 of 416

BONY, S; LETREUT, H; DUVEL, JP; KANDEL, RS. 1992. SATELLITE VALIDATION OF GCM-SIMULATED ANNUAL CYCLE OF THE EARTH RADIATION BUDGET AND CLOUD FORCING. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 97 (D16): 18061-18081.

Times Cited: 16

Record 332 of 416

LEE, RB; AVIS, LM; GIBSON, MA; KOPIA, LP. 1992. CHARACTERIZATIONS OF THE MIRROR ATTENUATOR MOSAIC - SOLAR DIFFUSER PLATE. *APPLIED OPTICS* 31 (31): 6643-6652.

Times Cited: 4

Record 333 of 416

DARNELL, WL; STAYLOR, WF; GUPTA, SK; RITCHEY, NA; WILBER, AC. 1992. SEASONAL-VARIATION OF SURFACE RADIATION BUDGET DERIVED FROM INTERNATIONAL SATELLITE CLOUD CLIMATOLOGY PROJECT C1 DATA. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 97 (D14): 15741-15760.

Times Cited: 101

Record 334 of 416

MINSCHWANER, K; MCELROY, MB. 1992. A MODEL FOR THE ENERGY BUDGET OF THE ATMOSPHERE - COMPARISON WITH DATA FROM THE EARTH RADIATION BUDGET EXPERIMENT. *PLANETARY AND SPACE SCIENCE* 40 (9): 1237-1250.

Times Cited: 5

Record 335 of 416

WU, XQ; SMITH, WL. 1992. ASSIMILATION OF ERBE DATA WITH A NONLINEAR-PROGRAMMING TECHNIQUE TO IMPROVE CLOUDCOVER DIAGNOSIS. *MONTHLY WEATHER REVIEW* 120 (9): 2009-2024.

Times Cited: 4

Record 336 of 416

ACKERMAN, SA; FREY, RA; SMITH, WL. 1992. RADIATION BUDGET STUDIES USING COLLOCATED OBSERVATIONS FROM ADVANCED VERY HIGH-RESOLUTION RADIOMETER, HIGH-RESOLUTION INFRARED SOUNDER/2, AND EARTH RADIATION BUDGET EXPERIMENT INSTRUMENTS. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 97 (D11): 11513-11525.

Times Cited: 16

Record 337 of 416

GORDON, CT. 1992. COMPARISON OF 30-DAY INTEGRATIONS WITH AND WITHOUT CLOUD RADIATION INTERACTION. *MONTHLY WEATHER REVIEW* 120 (7): 1244-1277.

Times Cited: 12

Record 338 of 416

SUTTLES, JT; WIELICKI, BA; VEMURY, S. 1992. TOP-OF-ATMOSPHERE RADIATIVE FLUXES - VALIDATION OF ERBE SCANNER INVERSION ALGORITHM USING NIMBUS-7 ERB DATA. *JOURNAL OF APPLIED METEOROLOGY* 31 (7): 784-796.

Times Cited: 29

Record 339 of 416

KIEHL, JT; BRIEGLER, BP. 1992. COMPARISON OF THE OBSERVED AND CALCULATED CLEAR SKY GREENHOUSE-EFFECT - IMPLICATIONS FOR CLIMATE STUDIES. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 97 (D9): 10037-10049.

Times Cited: 32

Record 340 of 416

WU, MLC; CHANG, LP. 1992. LONGWAVE RADIATION BUDGET PARAMETERS COMPUTED FROM ISCCP AND HIRS2 MSU PRODUCTS. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 97 (D9): 10083-10101.

Times Cited: 7

Record 341 of 416

LEE, RB; BARKSTROM, BR. 1991. CHARACTERIZATION OF THE EARTH RADIATION BUDGET EXPERIMENT RADIOMETERS. *METROLOGIA* 28 (3): 183-187.

Times Cited: 6

Record 342 of 416

MONGE, JL; KANDEL, R; PAKHOMOV, LA; ADASKO, VI. 1991. THE SCARAB EARTH RADIATION BUDGET SCANNING RADIOMETER. *METROLOGIA* 28 (3): 261-264.

Times Cited: 15

Record 343 of 416

LI, ZQ; LEIGHTON, HG. 1992. NARROW-BAND TO BROAD-BAND CONVERSION WITH SPATIALLY AUTOCORRELATED REFLECTANCE MEASUREMENTS. *JOURNAL OF APPLIED METEOROLOGY* 31 (5): 421-432.

Times Cited: 31

Record 344 of 416

SOHN, BJ; SMITH, EA. 1992. THE SIGNIFICANCE OF CLOUD RADIATIVE FORCING TO THE GENERAL-CIRCULATION ON CLIMATE TIME SCALES - A SATELLITE INTERPRETATION. *JOURNAL OF THE ATMOSPHERIC SCIENCES* 49 (10): 845-860.

Times Cited: 17

Record 345 of 416

HARSHVARDHAN. 1991. ATMOSPHERIC RADIATION. *REVIEWS OF GEOPHYSICS* 29: 56-68, Part 1 Suppl. S.

Times Cited: 0

Record 346 of 416

ACKERMAN, SA; CHUNG, H. 1992. RADIATIVE EFFECTS OF AIRBORNE DUST ON REGIONAL ENERGY BUDGETS AT THE TOP OF THE ATMOSPHERE. *JOURNAL OF APPLIED METEOROLOGY* 31 (2): 223-233.

Times Cited: 34

Record 347 of 416

DUVEL, JP; BREON, FM. 1991. THE CLEAR-SKY GREENHOUSE-EFFECT SENSITIVITY TO A SEA-SURFACE TEMPERATURE-CHANGE. *JOURNAL OF CLIMATE* 4 (12): 1162-1169.

Times Cited: 14

Record 348 of 416

KOPIA, LP; LEE, RB. 1992. THERMISTOR BOLOMETER SCANNING RADIOMETER - APPLICATIONS AND FLIGHT EXPERIENCE. *OPTICAL ENGINEERING* 31 (1): 156-165.

Times Cited: 3

Record 349 of 416

CHERUY, F; KANDEL, RS; DUVEL, JP. 1991. OUTGOING LONGWAVE RADIATION AND ITS DIURNAL-VARIATION FROM COMBINED ERBE AND METEOSAT OBSERVATIONS .1. ESTIMATING OLR FROM METEOSAT DATA. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 96 (D12): 22611-22622.

Times Cited: 8

Record 350 of 416

CHERUY, F; KANDEL, RS; DUVEL, JP. 1991. OUTGOING LONGWAVE RADIATION AND ITS DIURNAL-VARIATIONS FROM COMBINED EARTH RADIATION BUDGET EXPERIMENT AND METEOSAT OBSERVATIONS .2. USING METEOSAT DATA TO DETERMINE THE LONGWAVE DIURNAL CYCLE. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 96 (D12): 22623-22630.

Times Cited: 9

Record 351 of 416

MINNIS, P; YOUNG, DF; HARRISON, EF. 1991. EXAMINATION OF THE RELATIONSHIP BETWEEN OUTGOING INFRARED WINDOW AND TOTAL LONGWAVE FLUXES USING SATELLITE DATA. *JOURNAL OF CLIMATE* 4 (11): 1114-1133.

Times Cited: 23

Record 352 of 416

CHERUY, F; KANDEL, RS. 1991. USE OF METEOSAT DATA FOR VALIDATION OF THE DIURNAL-VARIATION OF THE OUTGOING LONGWAVE RADIATION PRODUCED BY ERBE. *DYNAMICS OF ATMOSPHERES AND OCEANS* 16 (1-2): 73-84.

Times Cited: 1

Record 353 of 416

VESPERINI, M; MORCRETTE, JJ; FOUQUART, Y. 1991. SIMULATION OF CLOUD RADIATIVE FORCING WITH THE ECMWF MODEL. *DYNAMICS OF ATMOSPHERES AND OCEANS* 16 (1-2): 85-109.

Times Cited: 7

Record 354 of 416

ARDANUY, PE; STOWE, LL; GRUBER, A; WEISS, M. 1991. SHORTWAVE, LONGWAVE, AND NET CLOUD-RADIATIVE FORCING AS DETERMINED FROM NIMBUS-7 OBSERVATIONS. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 96 (D10): 18537-18549.

Times Cited: 38

Record 355 of 416

JACOBOWITZ, H. 1991. ESTIMATION OF THE EARTHS RADIATION BUDGET FROM NARROW-BAND NOAA SATELLITE-OBSERVATIONS. *GLOBAL AND PLANETARY CHANGE* 90 (1-3): 11-16.

Times Cited: 1

Record 356 of 416

SPANKUCH, D. 1991. THE RADIATION BUDGET OF THE TERRESTRIAL PLANETS VENUS, EARTH AND MARS. *NATURWISSENSCHAFTEN* 78 (8): 347-354.

Times Cited: 0

Record 357 of 416

STEPHENS, GL; GREENWALD, TJ. 1991. THE EARTHS RADIATION BUDGET AND ITS RELATION TO ATMOSPHERIC HYDROLOGY .1. OBSERVATIONS OF THE CLEAR SKY GREENHOUSE-EFFECT. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 96 (D8): 15311-15324.

Times Cited: 78

Record 358 of 416

STEPHENS, GL; GREENWALD, TJ. 1991. THE EARTHS RADIATION BUDGET AND ITS RELATION TO ATMOSPHERIC HYDROLOGY .2. OBSERVATIONS OF CLOUD EFFECTS. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 96 (D8): 15325-15340.

Times Cited: 63

Record 359 of 416

RIELAND, M; RASCHKE, E. 1991. DIURNAL VARIABILITY OF THE EARTH RADIATION BUDGET - SAMPLING REQUIREMENTS, TIME INTEGRATION ASPECTS AND ERROR-ESTIMATES FOR THE EARTH RADIATION BUDGET EXPERIMENT (ERBE). *THEORETICAL AND APPLIED CLIMATOLOGY* 44 (1): 9-24.

Times Cited: 25

Record 360 of 416

HALYO, N; DIRESKENELI, H; BARKSTROM, BR. 1991. AN INFORMATION-THEORY APPROACH FOR EVALUATING EARTH RADIATION BUDGET (ERB) MEASUREMENTS - NONUNIFORM SAMPLING OF DIURNAL LONGWAVE FLUX VARIATIONS. *IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING* 29 (4): 665-673.

Times Cited: 0

Record 361 of 416

HARTMANN, DL; KOWALEWSKY, KJ; MICHELSEN, ML. 1991. DIURNAL-VARIATIONS OF OUTGOING LONGWAVE RADIATION AND ALBEDO FROM ERBE SCANNER DATA. *JOURNAL OF CLIMATE* 4 (6): 598-617.

Times Cited: 19

Record 362 of 416

ELLINGSON, RG; FOUQUART, Y. 1991. THE INTERCOMPARISON OF RADIATION CODES IN CLIMATE MODELS - AN OVERVIEW. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 96 (D5): 8925-8927.

Times Cited: 39

Record 363 of 416

LI, ZQ; LEIGHTON, HG. 1991. SCENE IDENTIFICATION AND ITS EFFECT ON CLOUD RADIATIVE FORCING IN THE ARCTIC. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 96 (D5): 9175-9188.

Times Cited: 34

Record 364 of 416

BALDWIN, DG; COAKLEY, JA. 1991. CONSISTENCY OF EARTH RADIATION BUDGET EXPERIMENT BIDIRECTIONAL MODELS AND THE OBSERVED ANISOTROPY OF REFLECTED SUNLIGHT. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 96 (D3): 5195-5207.

Times Cited: 8

Record 365 of 416

GREEN, RN; SMITH, GL. 1991. SHORTWAVE SHAPE FACTOR INVERSION OF EARTH RADIATION BUDGET OBSERVATIONS. *JOURNAL OF THE ATMOSPHERIC SCIENCES* 48 (3): 390-402.

Times Cited: 1

Record 366 of 416

HARTMANN, DL; DOELLING, D. 1991. ON THE NET RADIATIVE EFFECTIVENESS OF CLOUDS. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 96 (D1): 869-891.

Times Cited: 57

Record 367 of 416

ARDANUY, PE; KONDRAGUNTA, CR; KYLE, HL. 1990. LOW-FREQUENCY MODES OF THE TROPICAL RADIATION BUDGET. *METEOROLOGY AND ATMOSPHERIC PHYSICS* 44 (1-4): 167-194.

Times Cited: 3

Record 368 of 416

HUCEK, RR; ARDANUY, P; KYLE, HL. 1990. THE CONSTRAINED INVERSION OF NIMBUS-7 WIDE FIELD-OF-VIEW RADIOMETER MEASUREMENTS FOR THE EARTH RADIATION BUDGET. *JOURNAL OF APPLIED METEOROLOGY* 29 (11): 1085-1103.

Times Cited: 1

Record 369 of 416

MINNIS, P; HECK, PW; HARRISON, EF. 1990. THE 27-28 OCTOBER 1986 FIRE IFO CIRRUS CASE-STUDY - CLOUD PARAMETER FIELDS DERIVED FROM SATELLITE DATA. *MONTHLY WEATHER REVIEW* 118 (11): 2426-2446.

Times Cited: 15

Record 370 of 416

HARRISON, EF; MINNIS, P; BARKSTROM, BR; RAMANATHAN, V; CESS, RD; GIBSON, GG. 1990. SEASONAL-VARIATION OF CLOUD RADIATIVE FORCING DERIVED FROM THE EARTH RADIATION BUDGET EXPERIMENT. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 95 (D11): 18687-18703.

Times Cited: 277

Record 371 of 416

FOUQUART, Y; BURIEZ, JC; HERMAN, M; KANDEL, RS. 1990. THE INFLUENCE OF CLOUDS ON RADIATION - A CLIMATE-MODELING PERSPECTIVE. *REVIEWS OF GEOPHYSICS* 28 (2): 145-166.

Times Cited: 53

Record 372 of 416

KIEHL, JT; RAMANATHAN, V. 1990. COMPARISON OF CLOUD FORCING DERIVED FROM THE EARTH RADIATION BUDGET EXPERIMENT WITH THAT SIMULATED BY THE NCAR COMMUNITY CLIMATE MODEL. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 95 (D8): 11679-11698.

Times Cited: 66

Record 373 of 416

GREEN, RN; HOUSE, FB; STACKHOUSE, PW; WU, XQ; ACKERMAN, SA; SMITH, WL; JOHNSON, MJ. 1990. INTERCOMPARISON OF SCANNER AND NONSCANNER MEASUREMENTS FOR THE EARTH RADIATION BUDGET EXPERIMENT. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 95 (D8): 11785-11798.

Times Cited: 15

Record 374 of 416

KYLE, HL; MECHEKUNNEL, A; ARDANUY, P; PENN, L; GROVEMAN, B; CAMPBELL, GG; VONDERHAAR, TH. 1990. A COMPARISON OF 2 MAJOR EARTH RADIATION BUDGET DATA SETS. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 95 (D7): 9951-9970.

Times Cited: 29

Record 375 of 416

TIRA, NE; MAHAN, JR; LEE, RB. 1990. DYNAMIC ELECTROTHERMAL MODEL FOR THE EARTH RADIATION BUDGET EXPERIMENT NONSCANNING RADIOMETER WITH APPLICATIONS TO SOLAR OBSERVATIONS AND EVALUATION OF THERMAL NOISE. *OPTICAL ENGINEERING* 29 (4): 351-358.

Times Cited: 2

Record 376 of 416

KANDEL, RS. 1990. SATELLITE OBSERVATION OF THE EARTH RADIATION BUDGET AND CLOUDS. *SPACE SCIENCE REVIEWS* 52 (1-2): 1-32.

Times Cited: 14

Record 377 of 416

RAVAL, A; RAMANATHAN, V. 1989. OBSERVATIONAL DETERMINATION OF THE GREENHOUSE-EFFECT. *NATURE* 342 (6251): 758-761.

Times Cited: 207

Record 378 of 416

DAVIES, R; ALVES, AR. 1989. FLUX DIVERGENCE OF THERMAL-RADIATION WITHIN STRATIFORM CLOUDS. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 94 (D13): 16277-16286.

Times Cited: 11

Record 379 of 416

WIELICKI, BA; GREEN, RN. 1989. CLOUD IDENTIFICATION FOR ERBE RADIATIVE FLUX RETRIEVAL. *JOURNAL OF APPLIED METEOROLOGY* 28 (11): 1133-1146.

Times Cited: 84

Record 380 of 416

BARKSTROM, B; HARRISON, E; SMITH, G; GREEN, R; KIBLER, J; CESS, R. 1989. EARTH RADIATION BUDGET EXPERIMENT (ERBE) ARCHIVAL AND APRIL 1985 RESULTS. *BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY* 70 (10): 1254-1262.

Times Cited: 162

Record 381 of 416

BROOKS, DR; FENN, MA. 1989. PARAMETERIZED DESERT CLEAR ATMOSPHERE LIMB-DARKENING MODEL DERIVED FROM EARTH RADIATION BUDGET SATELLITE ALONG-TRACK MEASUREMENTS. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 94 (D7): 9947-9958.

Times Cited: 0

Record 382 of 416

HARSHVARDHAN; RANDALL, DA; CORSETTI, TG; DAZLICH, DA. 1989. EARTH RADIATION BUDGET AND CLOUDINESS SIMULATIONS WITH A GENERAL-CIRCULATION MODEL. *JOURNAL OF THE ATMOSPHERIC SCIENCES* 46 (13): 1922-1942.

Times Cited: 0

Record 383 of 416

RANDALL, DA; HARSHVARDHAN; DAZLICH, DA; CORSETTI, TG. 1989. INTERACTIONS AMONG RADIATION, CONVECTION, AND LARGE-SCALE DYNAMICS IN A GENERAL-CIRCULATION MODEL. *JOURNAL OF THE ATMOSPHERIC SCIENCES* 46 (13): 1943-1970.

Times Cited: 129

Record 384 of 416

BESS, TD; SMITH, GL; CHARLOCK, TP. 1989. A 10-YEAR MONTHLY DATA SET OF OUTGOING LONGWAVE RADIATION FROM NIMBUS- 6 AND NIMBUS-7 SATELLITES. *BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY* 70 (5): 480-489.

Times Cited: 12

Record 385 of 416

RAMANATHAN, V; BARKSTROM, BR; HARRISON, EF. 1989. CLIMATE AND THE EARTH'S RADIATION BUDGET. *PHYSICS TODAY* 42 (5): 22-32.

Times Cited: 93

Record 386 of 416

MAHAN, JR; TIRA, NE; LEE, RB; KEYNTON, RJ. 1989. COMPARISON OF THE MEASURED AND PREDICTED RESPONSE OF THE EARTH RADIATION BUDGET EXPERIMENT ACTIVE CAVITY RADIOMETER DURING SOLAR OBSERVATIONS. *APPLIED OPTICS* 28 (7): 1327-1337.

Times Cited: 6

Record 387 of 416

FEREBEE, MT; KIBLER, JF. 1989. THE EARTH RADIATION BUDGET EXPERIMENT OPTICAL DISK ARCHIVAL SYSTEM. *OPTICAL INFORMATION SYSTEMS* 9 (1): 2-8.

Times Cited: 1

Record 388 of 416

STUHLMANN, R; SMITH, GL. 1988. A STUDY OF CLOUD-GENERATED RADIATIVE HEATING AND ITS GENERATION OF AVAILABLE POTENTIAL-ENERGY .1. THEORETICAL BACKGROUND. *JOURNAL OF THE ATMOSPHERIC SCIENCES* 45 (24): 3911-3927.

Times Cited: 8

Record 389 of 416

RAMANATHAN, V; CESS, RD; HARRISON, EF; MINNIS, P; BARKSTROM, BR; AHMAD, E; HARTMANN, D. 1989. CLOUD-RADIATIVE FORCING AND CLIMATE - RESULTS FROM THE EARTH RADIATION BUDGET EXPERIMENT. *SCIENCE* 243 (4887): 57-63.

Times Cited: 485

Record 390 of 416

HARRISON, EF; BROOKS, DR; MINNIS, P; WIELICKI, BA; STAYLOR, WF; GIBSON, GG; YOUNG, DF; DENN, FM. 1988. 1ST ESTIMATES OF THE DIURNAL-VARIATION OF LONGWAVE RADIATION FROM THE MULTIPLE-SATELLITE EARTH RADIATION BUDGET EXPERIMENT (ERBE). *BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY* 69 (10): 1144-1151.

Times Cited: 35

Record 391 of 416

CHARLOCK, TP; CATTANYCARNES, KM; ROSE, F. 1988. FLUCTUATION STATISTICS OF OUTGOING LONGWAVE RADIATION IN A GENERAL-CIRCULATION MODEL AND IN SATELLITE DATA. *MONTHLY WEATHER REVIEW* 116 (8): 1540-1554.

Times Cited: 14

Record 392 of 416

SALBY, ML. 1988. ASYNOPTIC SAMPLING CONSIDERATIONS FOR WIDE-FIELD-OF-VIEW MEASUREMENTS OF OUTGOING RADIATION.1. SPATIAL AND TEMPORAL RESOLUTION. *JOURNAL OF THE ATMOSPHERIC SCIENCES* 45 (7): 1176-1183.

Times Cited: 3

Record 393 of 416

LEE, RB; BARKSTROM, BR; CESS, RD. 1987. CHARACTERISTICS OF THE EARTH RADIATION BUDGET EXPERIMENT SOLAR MONITORS. *APPLIED OPTICS* 26 (15): 3090-3096.

Times Cited: 28

Record 394 of 416

GUENTHER, B. 1987. PRACTICAL ASPECTS OF ACHIEVING ACCURATE RADIOMETRIC FIELD-MEASUREMENTS. *REMOTE SENSING OF ENVIRONMENT* 22 (1): 131-143.

Times Cited: 5

Record 395 of 416

WIEGNER, M; RASCHKE, E. 1987. PLANETARY RADIATION BUDGET OVER NORTH-AFRICA FROM SATELLITE DATA. *THEORETICAL AND APPLIED CLIMATOLOGY* 38 (1): 24-36.

Times Cited: 3

Record 396 of 416

RAMANATHAN, V. 1987. THE ROLE OF EARTH RADIATION BUDGET STUDIES IN CLIMATE AND GENERAL-CIRCULATION RESEARCH. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 92 (D4): 4075-4095.

Times Cited: 142

Record 397 of 416

ARDANUY, PE; KYLE, HL; HUCEK, RR; GROVEMAN, BS. 1987. NIMBUS-7 EARTH RADIATION BUDGET WIDE FIELD OF VIEW CLIMATE DATA SET IMPROVEMENT .2. DECONVOLUTION OF EARTH RADIATION BUDGET PRODUCTS AND CONSIDERATION OF 1982-1983 ELNINO EVENT. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 92 (D4): 4125-4143.

Times Cited: 13

Record 398 of 416

CESS, RD; POTTER, GL. 1986. NARROW-BAND AND BROAD-BAND SATELLITE MEASUREMENTS OF SHORTWAVE RADIATION - CONVERSION SIMULATIONS WITH A GENERAL-CIRCULATION MODEL. *JOURNAL OF CLIMATE AND APPLIED METEOROLOGY* 25 (12): 1977-1984.

Times Cited: 7

Record 399 of 416

LUTHER, MR; EVERT, TA; HESSER, RJ; POTTER, WD; CASTINEIRAS, A. 1986. PERFORMANCE-CHARACTERISTICS OF ACTIVE CAVITY RADIOMETERS IN UNSHUTTERED APPLICATIONS. *APPLIED OPTICS* 25 (20): 3705-3709.

Times Cited: 1

Record 400 of 416

[Anon]. 1986. 1ST DATA FROM THE EARTH RADIATION BUDGET EXPERIMENT (ERBE). *BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY* 67 (7): 818-824.

Times Cited: 0

Record 401 of 416

DARNELL, WL; GUPTA, SK; STAYLOR, WF. 1986. DOWNWARD LONGWAVE SURFACE RADIATION FROM SUN-SYNCHRONOUS SATELLITE DATA - VALIDATION OF METHODOLOGY. *JOURNAL OF CLIMATE AND APPLIED METEOROLOGY* 25 (7): 1012-1021.

Times Cited: 19

Record 402 of 416

PINTY, B; RAMOND, D. 1986. A SIMPLE BIDIRECTIONAL REFLECTANCE MODEL FOR TERRESTRIAL SURFACES. *JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES* 91 (D7): 7803-7808.

Times Cited: 20

Record 403 of 416

HUNT, GE. 1986. EARTH RADIATION BUDGET EXPERIMENT (ERBE) - PREFACE. *REVIEWS OF GEOPHYSICS* 24 (2): 350-350.

Times Cited: 1

Record 404 of 416

HOUSE, FB; GRUBER, A; HUNT, GE; MECHERIKUNNEL, AT. 1986. HISTORY OF SATELLITE MISSIONS AND MEASUREMENTS OF THE EARTH RADIATION BUDGET (1957-1984). *REVIEWS OF GEOPHYSICS* 24 (2): 357-377.

Times Cited: 40

Record 405 of 416

BARKSTROM, BR; SMITH, GL. 1986. THE EARTH RADIATION BUDGET EXPERIMENT - SCIENCE AND IMPLEMENTATION. *REVIEWS OF GEOPHYSICS* 24 (2): 379-390.

Times Cited: 122

Record 406 of 416

KOPIA, LP. 1986. EARTH RADIATION BUDGET EXPERIMENT SCANNER INSTRUMENT. *REVIEWS OF GEOPHYSICS* 24 (2): 400-406.

Times Cited: 47

Record 407 of 416

SMITH, GL; GREEN, RN; RASCHKE, E; AVIS, LM; SUTTLES, JT; WIELICKI, BA; DAVIES, R. 1986. INVERSION METHODS FOR SATELLITE STUDIES OF THE EARTH'S RADIATION BUDGET - DEVELOPMENT OF ALGORITHMS FOR THE ERBE MISSION. *REVIEWS OF GEOPHYSICS* 24 (2): 407-421.

Times Cited: 102

Record 408 of 416

ARDANUY, PE; KYLE, HL. 1986. OBSERVED PERTURBATIONS OF THE EARTH'S RADIATION BUDGET - A RESPONSE TO THE ELCHICHON STRATOSPHERIC AEROSOL LAYER. *JOURNAL OF CLIMATE AND APPLIED METEOROLOGY* 25 (4): 505-516.

Times Cited: 11

Record 409 of 416

CARLETON, AM; LAMB, PJ. 1986. JET CONTRAILS AND CIRRUS CLOUD - A FEASIBILITY STUDY EMPLOYING HIGH-RESOLUTION SATELLITE IMAGERY. *BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY* 67 (3): 301-309.

Times Cited: 16

Record 410 of 416

ARDANUY, PE; KYLE, HL. 1986. EL NINO AND OUTGOING LONGWAVE RADIATION - OBSERVATIONS FROM NIMBUS-7 ERB. *MONTHLY WEATHER REVIEW* 114 (2): 415-433.

Times Cited: 33

Record 411 of 416

LUTHER, MR; LEE, RB; BARKSTROM, BR; COOPER, JE; CESS, RD; DUNCAN, CH. 1986. SOLAR CALIBRATION RESULTS FROM 2 EARTH RADIATION BUDGET EXPERIMENT NONSCANNER INSTRUMENTS. *APPLIED OPTICS* 25 (4): 540-545.

Times Cited: 7

Record 412 of 416

SMITH, WL; BISHOP, WP; DVORAK, VF; HAYDEN, CM; MCELROY, JH; MOSHER, FR; OLIVER, VJ; PURDOM, JF; WARK, DQ. 1986. THE METEOROLOGICAL SATELLITE - OVERVIEW OF 25 YEARS OF OPERATION. *SCIENCE* 231 (4737): 455-462.

Times Cited: 3

Record 413 of 416

KYLE, HL; ARDANUY, PE; HURLEY, EJ. 1985. THE STATUS OF THE NIMBUS-7 EARTH-RADIATION-BUDGET DATA SET. *BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY* 66 (11): 1378-1388.

Times Cited: 48

Record 414 of 416

SLINGO, A. 1985. SIMULATION OF THE EARTH'S RADIATION BUDGET WITH THE 11-LAYER GENERAL-CIRCULATION MODEL. *METEOROLOGICAL MAGAZINE* 114 (1354): 121-141.

Times Cited: 11

Record 415 of 416

BARKSTROM, BR. 1984. THE EARTH RADIATION BUDGET EXPERIMENT (ERBE). *BULLETIN OF THE AMERICAN METEOROLOGICAL SOCIETY* 65 (11): 1170-1185.

Times Cited: 228

Record 416 of 416

BARKSTROM, BR; HALL, JB. 1982. EARTH RADIATION BUDGET EXPERIMENT (ERBE) - AN OVERVIEW. *JOURNAL OF ENERGY* 6 (2): 141-146.

Times Cited: 10