

Stuart A Young

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/686527/publications.pdf>

Version: 2024-02-01

36
papers

4,584
citations

279701

23
h-index

377752

34
g-index

45
all docs

45
docs citations

45
times ranked

3458
citing authors

#	ARTICLE	IF	CITATIONS
1	Overview of the CALIPSO Mission and CALIOP Data Processing Algorithms. <i>Journal of Atmospheric and Oceanic Technology</i> , 2009, 26, 2310-2323.	0.5	1,820
2	Fully Automated Detection of Cloud and Aerosol Layers in the CALIPSO Lidar Measurements. <i>Journal of Atmospheric and Oceanic Technology</i> , 2009, 26, 2034-2050.	0.5	484
3	The Retrieval of Profiles of Particulate Extinction from Cloud-Aerosol Lidar Infrared Pathfinder Satellite Observations (CALIPSO) Data: Algorithm Description. <i>Journal of Atmospheric and Oceanic Technology</i> , 2009, 26, 1105-1119.	0.5	371
4	Fully automated analysis of space-based lidar data: an overview of the CALIPSO retrieval algorithms and data products. , 2004, 5575, 16.		267
5	CALIPSO/CALIOP Cloud Phase Discrimination Algorithm. <i>Journal of Atmospheric and Oceanic Technology</i> , 2009, 26, 2293-2309.	0.5	261
6	Analysis of lidar backscatter profiles in optically thin clouds. <i>Applied Optics</i> , 1995, 34, 7019.	2.1	160
7	Extinction and optical depth retrievals for CALIPSO's Version 4 data release. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 5701-5727.	1.2	128
8	CALIPSO Lidar Calibration Algorithms. Part I: Nighttime 532-nm Parallel Channel and 532-nm Perpendicular Channel. <i>Journal of Atmospheric and Oceanic Technology</i> , 2009, 26, 2015-2033.	0.5	115
9	CALIPSO lidar level 3 aerosol profile product: version 3 algorithm design. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 4129-4152.	1.2	115
10	The Retrieval of Profiles of Particulate Extinction from Cloud-Aerosol Lidar and Infrared Pathfinder Satellite Observations (CALIPSO) Data: Uncertainty and Error Sensitivity Analyses. <i>Journal of Atmospheric and Oceanic Technology</i> , 2013, 30, 395-428.	0.5	109
11	The Optical Properties of Equatorial Cirrus from Observations in the ARM Pilot Radiation Observation Experiment. <i>Journals of the Atmospheric Sciences</i> , 1998, 55, 1977-1996.	0.6	79
12	CALIPSO lidar calibration at 532nm: version 4 nighttime algorithm. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 1459-1479.	1.2	70
13	Looking through the haze: evaluating the CALIPSO level 2 aerosol optical depth using airborne high spectral resolution lidar data. <i>Atmospheric Measurement Techniques</i> , 2014, 7, 4317-4340.	1.2	69
14	The Experimental Cloud Lidar Pilot Study (ECLIPS) for Cloud Radiation Research. <i>Bulletin of the American Meteorological Society</i> , 1994, 75, 1635-1654.	1.7	67
15	Reconciling Ground-Based and Space-Based Estimates of the Frequency of Occurrence and Radiative Effect of Clouds around Darwin, Australia. <i>Journal of Applied Meteorology and Climatology</i> , 2014, 53, 456-478.	0.6	44
16	LIRAD Observations of Tropical Cirrus Clouds in MCTEX. Part I: Optical Properties and Detection of Small Particles in Cold Cirrus*. <i>Journals of the Atmospheric Sciences</i> , 2002, 59, 3145-3162.	0.6	43
17	Possible impacts of anthropogenic and natural aerosols on Australian climate: a review. <i>International Journal of Climatology</i> , 2009, 29, 461-479.	1.5	43
18	Lidar ratios of stratospheric volcanic ash and sulfate aerosols retrieved from CALIOP measurements. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 8599-8618.	1.9	43

#	ARTICLE	IF	CITATIONS
19	Identification of the Mount Hudson volcanic cloud over SE Australia. <i>Geophysical Research Letters</i> , 1992, 19, 1211-1214.	1.5	37
20	Cloud ice water content retrieved from the CALIOP space-based lidar. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	36
21	Estimations of global shortwave direct aerosol radiative effects above opaque water clouds using a combination of A-Train satellite sensors. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 4933-4962.	1.9	34
22	Elevation information in tail (EIT) technique for lidar altimetry. <i>Optics Express</i> , 2007, 15, 14504.	1.7	33
23	Springtime aerosol layers in the free troposphere over Australia: Mildura Aerosol Tropospheric Experiment (MATE 98). <i>Journal of Geophysical Research</i> , 2000, 105, 17833-17842.	3.3	28
24	Measurements of biomass burning influences in the troposphere over southeast Australia during the SAFARI 2000 dry season campaign. <i>Journal of Geophysical Research</i> , 2003, 108, n/a-n/a.	3.3	28
25	Optical Properties and Phase of Some Midlatitude, Midlevel Clouds in ECLIPS. <i>Journal of Applied Meteorology and Climatology</i> , 2000, 39, 135-153.	1.7	22
26	Airborne validation of cirrus cloud properties derived from CALIPSO lidar measurements: Optical properties. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	18
27	Lidar-derived variations in the backscatter-to-extinction ratio in Southern Hemisphere coastal maritime aerosols. <i>Atmospheric Environment Part A General Topics</i> , 1993, 27, 1541-1551.	1.3	15
28	The Kwinana Coastal Fumigation Study: I – Program Overview, Experimental Design and Selected Results. <i>Boundary-Layer Meteorology</i> , 1998, 89, 359-384.	1.2	10
29	Southern hemisphere tropospheric aerosol backscatter measurements – Implications for a laser wind system. <i>Journal of Geophysical Research</i> , 1991, 96, 5357-5367.	3.3	9
30	LIRAD Observations of Tropical Cirrus Clouds in MCTEX. Part II: Optical Properties and Base Cooling in Dissipating Storm Anvil Clouds*. <i>Journals of the Atmospheric Sciences</i> , 2002, 59, 3163-3177.	0.6	7
31	Dispersion Moments of Fumigating Plumes – Lidar Estimates and Pdf Model Simulations. <i>Boundary-Layer Meteorology</i> , 2002, 104, 411-444.	1.2	6
32	Stratospheric aerosol optical thickness measurements at 35°S. <i>Nature</i> , 1979, 278, 540-541.	13.7	3
33	Signal induced noise in photomultipliers used in lidar receivers. <i>Journal of Atmospheric and Solar-Terrestrial Physics</i> , 1976, 38, 667-670.	0.9	2
34	Aerosol Optical Properties Above Opaque Water Clouds Derived From The Caliop Version 4 Level 1 Data. <i>EPJ Web of Conferences</i> , 2016, 119, 04010.	0.1	1
35	Simulation of Cloud-aerosol Lidar with Orthogonal Polarization (CALIOP) Attenuated Backscatter Profiles Using the Global Model of Aerosol Processes (GLOMAP). <i>EPJ Web of Conferences</i> , 2016, 119, 01005.	0.1	0
36	Towards Improved Cirrus Cloud Optical Depths from CALIPSO. <i>EPJ Web of Conferences</i> , 2016, 119, 16014.	0.1	0