

Stuart A Young

List of Publications by Year in descending order

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36
papers

4,584
citations

279798

23
h-index

377865

34
g-index

45
all docs

45
docs citations

45
times ranked

3458
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	4.9	34
2	CALIPSO lidar level 3 aerosol profile product: version 3 algorithm design. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 4129-4152.	3.1	115
3	Extinction and optical depth retrievals for CALIPSO's Version 4 data release. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 5701-5727.	3.1	128
4	CALIPSO lidar calibration at 532 nm: version 4 nighttime algorithm. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 1459-1479.	3.1	70
5	Lidar ratios of stratospheric volcanic ash and sulfate aerosols retrieved from CALIOP measurements. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 8599-8618.	4.9	43
6	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.	0.3	0
7	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.	0.3	1
8	Towards Improved Cirrus Cloud Optical Depths from CALIPSO. <i>EPJ Web of Conferences</i> , 2016, 119, 16014.	0.3	0
9	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.	3.1	69
10	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.	1.5	44
11	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.	1.3	109
12	Cloud ice water content retrieved from the CALIOP space-based lidar. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	36
13	Airborne validation of cirrus cloud properties derived from CALIPSO lidar measurements: Optical properties. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	18
14	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.	1.3	115
15	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.	1.3	484
16	CALIPSO/CALIOP Cloud Phase Discrimination Algorithm. <i>Journal of Atmospheric and Oceanic Technology</i> , 2009, 26, 2293-2309.	1.3	261
17	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.	1.3	371
18	Possible impacts of anthropogenic and natural aerosols on Australian climate: a review. <i>International Journal of Climatology</i> , 2009, 29, 461-479.	3.5	43

#	ARTICLE	IF	CITATIONS
19	Overview of the CALIPSO Mission and CALIOP Data Processing Algorithms. <i>Journal of Atmospheric and Oceanic Technology</i> , 2009, 26, 2310-2323.	1.3	1,820
20	Elevation information in tail (EIT) technique for lidar altimetry. <i>Optics Express</i> , 2007, 15, 14504.	3.4	33
21	Fully automated analysis of space-based lidar data: an overview of the CALIPSO retrieval algorithms and data products. , 2004, 5575, 16.		267
22	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
23	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.	1.7	43
24	Dispersion Moments of Fumigating Plumes – Lidar Estimates and Pdf Model Simulations. <i>Boundary-Layer Meteorology</i> , 2002, 104, 411-444.	2.3	6
25	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.	1.7	7
26	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
27	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
28	The Kwinana Coastal Fumigation Study: I – Program Overview, Experimental Design and Selected Results. <i>Boundary-Layer Meteorology</i> , 1998, 89, 359-384.	2.3	10
29	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.	1.7	79
30	Analysis of lidar backscatter profiles in optically thin clouds. <i>Applied Optics</i> , 1995, 34, 7019.	2.1	160
31	The Experimental Cloud Lidar Pilot Study (ECLIPS) for Cloud – Radiation Research. <i>Bulletin of the American Meteorological Society</i> , 1994, 75, 1635-1654.	3.3	67
32	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
33	Identification of the Mount Hudson volcanic cloud over SE Australia. <i>Geophysical Research Letters</i> , 1992, 19, 1211-1214.	4.0	37
34	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
35	Stratospheric aerosol optical thickness measurements at 35°S. <i>Nature</i> , 1979, 278, 540-541.	27.8	3
36	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