

# Jeffrey Reid

## List of Publications by Year in descending order

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188  
papers

17,460  
citations

22099

59  
h-index

17055

122  
g-index

224  
all docs

224  
docs citations

224  
times ranked

10103  
citing authors

#	ARTICLE	IF	CITATIONS
1	Wavelength dependence of the optical depth of biomass burning, urban, and desert dust aerosols. <i>Journal of Geophysical Research</i> , 1999, 104, 31333-31349.	3.3	1,737
2	Emission factors for open and domestic biomass burning for use in atmospheric models. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 4039-4072.	1.9	1,527
3	A review of biomass burning emissions part II: intensive physical properties of biomass burning particles. <i>Atmospheric Chemistry and Physics</i> , 2005, 5, 799-825.	1.9	1,111
4	A review of biomass burning emissions part III: intensive optical properties of biomass burning particles. <i>Atmospheric Chemistry and Physics</i> , 2005, 5, 827-849.	1.9	484
5	Physical, chemical, and optical properties of regional hazes dominated by smoke in Brazil. <i>Journal of Geophysical Research</i> , 1998, 103, 32059-32080.	3.3	432
6	A decadal regional and global trend analysis of the aerosol optical depth using a data-assimilation grade over-water MODIS and Level 2 MISR aerosol products. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 10949-10963.	1.9	328
7	Climatological aspects of the optical properties of fine/coarse mode aerosol mixtures. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	325
8	Emission factors of hydrocarbons, halocarbons, trace gases and particles from biomass burning in Brazil. <i>Journal of Geophysical Research</i> , 1998, 103, 32107-32118.	3.3	305
9	Global Monitoring and Forecasting of Biomass-Burning Smoke: Description of and Lessons From the Fire Locating and Modeling of Burning Emissions (FLAMBE) Program. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2009, 2, 144-162.	2.3	294
10	Physical and optical properties of young smoke from individual biomass fires in Brazil. <i>Journal of Geophysical Research</i> , 1998, 103, 32013-32030.	3.3	290
11	Multiangle implementation of atmospheric correction (MAIAC): 2. Aerosol algorithm. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	284
12	Effects of black carbon content, particle size, and mixing on light absorption by aerosols from biomass burning in Brazil. <i>Journal of Geophysical Research</i> , 1998, 103, 32041-32050.	3.3	282
13	Observing and understanding the Southeast Asian aerosol system by remote sensing: An initial review and analysis for the Seven Southeast Asian Studies (7SEAS) program. <i>Atmospheric Research</i> , 2013, 122, 403-468.	1.8	269
14	MODIS aerosol product analysis for data assimilation: Assessment of over-ocean level 2 aerosol optical thickness retrievals. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	262
15	Mineral dust aerosol size distribution change during atmospheric transport. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	259
16	Comparison of size and morphological measurements of coarse mode dust particles from Africa. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	257
17	Long-range transport of Siberian biomass burning emissions and impact on surface ozone in western North America. <i>Geophysical Research Letters</i> , 2004, 31, .	1.5	250
18	An over-land aerosol optical depth data set for data assimilation by filtering, correction, and aggregation of MODIS Collection 5 optical depth retrievals. <i>Atmospheric Measurement Techniques</i> , 2011, 4, 379-408.	1.2	237

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19	Direct Radiative Forcing by Smoke from Biomass Burning. <i>Science</i> , 1997, 275, 1777-1778.	6.0	231
20	Use of the Ångström exponent to estimate the variability of optical and physical properties of aging smoke particles in Brazil. <i>Journal of Geophysical Research</i> , 1999, 104, 27473-27489.	3.3	230
21	Characterization of African dust transported to Puerto Rico by individual particle and size segregated bulk analysis. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	220
22	A system for operational aerosol optical depth data assimilation over global oceans. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	210
23	Characterization of the optical properties of biomass burning aerosols in Zambia during the 1997 ZIBBEE field campaign. <i>Journal of Geophysical Research</i> , 2001, 106, 3425-3448.	3.3	207
24	High aerosol optical depth biomass burning events: A comparison of optical properties for different source regions. <i>Geophysical Research Letters</i> , 2003, 30, .	1.5	179
25	An overview of regional experiments on biomass burning aerosols and related pollutants in Southeast Asia: From BASE-ASIA and the Dongsha Experiment to 7-SEAS. <i>Atmospheric Environment</i> , 2013, 78, 1-19.	1.9	166
26	Regional and hemispheric impacts of anthropogenic and biomass burning emissions on summertime CO and O <sub>3</sub> in the North Atlantic lower free troposphere. <i>Journal of Geophysical Research</i> , 2004, 109, .	3.3	165
27	Planning, implementation, and scientific goals of the Studies of Emissions and Atmospheric Composition, Clouds and Climate Coupling by Regional Surveys (SEAC <sup>4</sup> RS) field mission. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 4967-5009.	1.2	158
28	An analysis of the collection 5 MODIS over-ocean aerosol optical depth product for its implication in aerosol assimilation. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 557-565.	1.9	154
29	Maritime aerosol network as a component of AERONET “ first results and comparison with global aerosol models and satellite retrievals. <i>Atmospheric Measurement Techniques</i> , 2011, 4, 583-597.	1.2	152
30	An 11-year global gridded aerosol optical thickness reanalysis (v1.0) for atmospheric and climate sciences. <i>Geoscientific Model Development</i> , 2016, 9, 1489-1522.	1.3	149
31	Analysis of measurements of Saharan dust by airborne and ground-based remote sensing methods during the Puerto Rico Dust Experiment (PRIDE). <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	145
32	Multi-scale meteorological conceptual analysis of observed active fire hotspot activity and smoke optical depth in the Maritime Continent. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 2117-2147.	1.9	134
33	SALTATING PARTICLES, PLAYA CRUSTS AND DUST AEROSOLS AT OWENS (DRY) LAKE, CALIFORNIA. <i>Earth Surface Processes and Landforms</i> , 1996, 21, 621-639.	1.2	133
34	Tropical cirrus cloud contamination in sun photometer data. <i>Atmospheric Environment</i> , 2011, 45, 6724-6731.	1.9	131
35	Haboob dust storms of the southern Arabian Peninsula. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	129
36	Optical properties of boreal region biomass burning aerosols in central Alaska and seasonal variation of aerosol optical depth at an Arctic coastal site. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	123

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37	Spatial and temporal variability of column-integrated aerosol optical properties in the southern Arabian Gulf and United Arab Emirates in summer. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	119
38	Comparisons of techniques for measuring shortwave absorption and black carbon content of aerosols from biomass burning in Brazil. <i>Journal of Geophysical Research</i> , 1998, 103, 32031-32040.	3.3	104
39	Fog- and cloud-induced aerosol modification observed by the Aerosol Robotic Network (AERONET). <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	99
40	A seasonal trend of single scattering albedo in southern African biomass-burning particles: Implications for satellite products and estimates of emissions for the world's largest biomass-burning source. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 6414-6432.	1.2	99
41	Dynamics of southwest Asian dust particle size characteristics with implications for global dust research. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	98
42	Chemical speciation of trace metals emitted from Indonesian peat fires for health risk assessment. <i>Atmospheric Research</i> , 2013, 122, 571-578.	1.8	98
43	Mesoscale modeling of smoke transport over the Southeast Asian Maritime Continent: Interplay of sea breeze, trade wind, typhoon, and topography. <i>Atmospheric Research</i> , 2013, 122, 486-503.	1.8	97
44	A critical examination of spatial biases between MODIS and MISR aerosol products – application for potential AERONET deployment. <i>Atmospheric Measurement Techniques</i> , 2011, 4, 2823-2836.	1.2	93
45	Critical evaluation of the MODIS Deep Blue aerosol optical depth product for data assimilation over North Africa. <i>Atmospheric Measurement Techniques</i> , 2013, 6, 949-969.	1.2	90
46	Mesoscale modeling of Central American smoke transport to the United States: 1. –Top-down– assessment of emission strength and diurnal variation impacts. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	83
47	Observations of Saharan dust microphysical and optical properties from the Eastern Atlantic during NAMMA airborne field campaign. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 723-740.	1.9	80
48	Characterizing the vertical profile of aerosol particle extinction and linear depolarization over Southeast Asia and the Maritime Continent: The 2007–2009 view from CALIOP. <i>Atmospheric Research</i> , 2013, 122, 520-543.	1.8	79
49	Development towards a global operational aerosol consensus: basic climatological characteristics of the International Cooperative for Aerosol Prediction Multi-Model Ensemble (ICAP-MME). <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 335-362.	1.9	76
50	Real-time monitoring of South American smoke particle emissions and transport using a coupled remote sensing/box-model approach. <i>Geophysical Research Letters</i> , 2004, 31, n/a-n/a.	1.5	74
51	Reconciliation of coarse mode sea-salt aerosol particle size measurements and parameterizations at a subtropical ocean receptor site. <i>Journal of Geophysical Research</i> , 2006, 111, .	3.3	72
52	An overview of mesoscale aerosol processes, comparisons, and validation studies from DRAGON networks. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 655-671.	1.9	72
53	Saharan dust transport to the Caribbean during PRIDE: 2. Transport, vertical profiles, and deposition in simulations of in situ and remote sensing observations. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	71
54	Evaluating the impact of assimilating CALIOP-derived aerosol extinction profiles on a global mass transport model. <i>Geophysical Research Letters</i> , 2011, 38, n/a-n/a.	1.5	70

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55	Smoke aerosol transport patterns over the Maritime Continent. <i>Atmospheric Research</i> , 2013, 122, 469-485.	1.8	70
56	Relationships between cloud droplet effective radius, liquid water content, and droplet concentration for warm clouds in Brazil embedded in biomass smoke. <i>Journal of Geophysical Research</i> , 1999, 104, 6145-6153.	3.3	69
57	Patterns of fire activity over Indonesia and Malaysia from polar and geostationary satellite observations. <i>Atmospheric Research</i> , 2013, 122, 504-519.	1.8	69
58	Passive remote sensing of altitude and optical depth of dust plumes using the oxygen A and B bands: First results from EPIC/DSCOVR at Lagrange point. <i>Geophysical Research Letters</i> , 2017, 44, 7544-7554.	1.5	69
59	A climatological study of the sea and land breezes in the Arabian Gulf region. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	67
60	Mesoscale modeling of smoke transport over the Southeast Asian Maritime Continent: coupling of smoke direct radiative effect below and above the low-level clouds. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 159-174.	1.9	67
61	Current state of the global operational aerosol multi-model ensemble: An update from the International Cooperative for Aerosol Prediction (ICAP). <i>Quarterly Journal of the Royal Meteorological Society</i> , 2019, 145, 176-209.	1.0	66
62	Evolution of the vertical profile and flux of large sea-salt particles in a coastal zone. <i>Journal of Geophysical Research</i> , 2001, 106, 12039-12053.	3.3	64
63	From BASE-ASIA toward 7-SEAS: A satellite-surface perspective of boreal spring biomass-burning aerosols and clouds in Southeast Asia. <i>Atmospheric Environment</i> , 2013, 78, 20-34.	1.9	64
64	Status and future of numerical atmospheric aerosol prediction with a focus on data requirements. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 10615-10643.	1.9	64
65	Critical evaluation of cloud contamination in the MISR aerosol products using MODIS cloud mask products. <i>Atmospheric Measurement Techniques</i> , 2014, 7, 1791-1801.	1.2	63
66	Has China been exporting less particulate air pollution over the past decade?. <i>Geophysical Research Letters</i> , 2017, 44, 2941-2948.	1.5	63
67	Impact of data quality and surface-to-column representativeness on the PM <sub>2.5</sub> / satellite AOD relationship for the contiguous United States. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 6049-6062.	1.9	60
68	GOES 8 retrieval of dust aerosol optical thickness over the Atlantic Ocean during PRIDE. <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	59
69	An Assessment of the Surface Longwave Direct Radiative Effect of Airborne Saharan Dust during the NAMMA Field Campaign. <i>Journals of the Atmospheric Sciences</i> , 2010, 67, 1048-1065.	0.6	58
70	Preliminary investigations toward nighttime aerosol optical depth retrievals from the VIIRS Day/Night Band. <i>Atmospheric Measurement Techniques</i> , 2013, 6, 1245-1255.	1.2	58
71	Observations of rapid aerosol optical depth enhancements in the vicinity of polluted cumulus clouds. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 11633-11656.	1.9	58
72	An analysis of clear sky and contextual biases using an operational over ocean MODIS aerosol product. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	56

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73	Evaluating nighttime CALIOP 0.532 $\mu$ m aerosol optical depth and extinction coefficient retrievals. Atmospheric Measurement Techniques, 2012, 5, 2143-2160.	1.2	56
74	Investigating enhanced Aqua MODIS aerosol optical depth retrievals over the mid-to-high latitude Southern Oceans through intercomparison with co-located CALIOP, MAN, and AERONET data sets. Journal of Geophysical Research D: Atmospheres, 2013, 118, 4700-4714.	1.2	56
75	Development of the Ensemble Navy Aerosol Analysis Prediction System (ENAAPS) and its application of the Data Assimilation Research Testbed (DART) in support of aerosol forecasting. Atmospheric Chemistry and Physics, 2016, 16, 3927-3951.	1.9	56
76	Physical and optical characteristics of the October 2010 haze event over Singapore: A photometric and lidar analysis. Atmospheric Research, 2013, 122, 555-570.	1.8	55
77	The RED Experiment: An Assessment of Boundary Layer Effects in a Trade Winds Regime on Microwave and Infrared Propagation over the Sea. Bulletin of the American Meteorological Society, 2004, 85, 1355-1366.	1.7	53
78	Evaluating the impact of multisensor data assimilation on a global aerosol particle transport model. Journal of Geophysical Research D: Atmospheres, 2014, 119, 4674-4689.	1.2	53
79	Dust vertical distribution in the Caribbean during the Puerto Rico Dust Experiment. Geophysical Research Letters, 2002, 29, 55-1.	1.5	51
80	Vertical distributions of dust and sea-salt aerosols over Puerto Rico during PRIDE measured from a light aircraft. Journal of Geophysical Research, 2003, 108, .	3.3	50
81	Observations of the Interaction and Transport of Fine Mode Aerosols With Cloud and/or Fog in Northeast Asia From Aerosol Robotic Network and Satellite Remote Sensing. Journal of Geophysical Research D: Atmospheres, 2018, 123, 5560-5587.	1.2	49
82	Assimilation of AERONET and MODIS AOT observations using variational and ensemble data assimilation methods and its impact on aerosol forecasting skill. Journal of Geophysical Research D: Atmospheres, 2017, 122, 4967-4992.	1.2	47
83	The effects of non-sphericity on geostationary satellite retrievals of dust aerosols. Geophysical Research Letters, 2003, 30, .	1.5	45
84	Analysis of source regions for smoke events in Singapore for the 2009 El Nino burning season. Atmospheric Environment, 2013, 78, 219-230.	1.9	45
85	An algorithm for hyperspectral remote sensing of aerosols: 1. Development of theoretical framework. Journal of Quantitative Spectroscopy and Radiative Transfer, 2016, 178, 400-415.	1.1	45
86	Local meteorological, transport, and source aerosol characteristics of late autumn Owens Lake (dry) dust storms. Atmospheric Environment, 1994, 28, 1699-1706.	1.9	44
87	Airborne Sun photometer measurements of aerosol optical depth and columnar water vapor during the Puerto Rico Dust Experiment and comparison with land, aircraft, and satellite measurements. Journal of Geophysical Research, 2003, 108, .	3.3	43
88	A conceptual model for the link between Central American biomass burning aerosols and severe weather over the south central United States. Environmental Research Letters, 2009, 4, 015003.	2.2	43
89	Baseline uncertainties in biomass burning emission models resulting from spatial error in satellite active fire location data. Geophysical Research Letters, 2009, 36, .	1.5	42
90	An algorithm for hyperspectral remote sensing of aerosols: 2. Information content analysis for aerosol parameters and principal components of surface spectra. Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 192, 14-29.	1.1	40

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91	Minimum aerosol layer detection sensitivities and their subsequent impacts on aerosol optical thickness retrievals in CALIPSO level 2 data products. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 499-514.	1.2	40
92	Detecting layer height of smoke aerosols over vegetated land and water surfaces via oxygen absorption bands: hourly results from EPIC/DSCOVR in deep space. <i>Atmospheric Measurement Techniques</i> , 2019, 12, 3269-3288.	1.2	40
93	AERONET Remotely Sensed Measurements and Retrievals of Biomass Burning Aerosol Optical Properties During the 2015 Indonesian Burning Season. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 4722-4740.	1.2	40
94	Impacts of peat-forest smoke on urban PM <sub>2.5</sub> in the Maritime Continent during 2012–2015: Carbonaceous profiles and indicators. <i>Environmental Pollution</i> , 2019, 248, 496-505.	3.7	40
95	Observations of the temporal variability in aerosol properties and their relationships to meteorology in the summer monsoonal South China Sea/East Sea: the scale-dependent role of monsoonal flows, the Madden–Julian Oscillation, tropical cyclones, squall lines and cold pools. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 1745-1768.	1.9	39
96	A sensitivity study on the effects of particle chemistry, asphericity and size on the mass extinction efficiency of mineral dust in the earth's atmosphere: from the near to thermal IR. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 1527-1547.	1.9	38
97	Aerosol meteorology of Maritime Continent for the 2012 7SEAS southwest monsoon intensive study – Part 2: Philippine receptor observations of fine-scale aerosol behavior. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 14057-14078.	1.9	38
98	Impact of modeled versus satellite measured tropical precipitation on regional smoke optical thickness in an aerosol transport model. <i>Geophysical Research Letters</i> , 2009, 36, .	1.5	35
99	Impacts of biomass burning smoke on the distributions and concentrations of C <sub>2</sub> –C <sub>5</sub> dicarboxylic acids and dicarboxylates in a tropical urban environment. <i>Atmospheric Environment</i> , 2013, 78, 211-218.	1.9	35
100	Aerosol particle vertical distributions and optical properties over Singapore. <i>Atmospheric Environment</i> , 2013, 79, 599-613.	1.9	35
101	Ground-based High Spectral Resolution Lidar observation of aerosol vertical distribution in the summertime Southeast United States. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 2970-3004.	1.2	35
102	An overview of UAE flight operations: Observations of summertime atmospheric thermodynamic and aerosol profiles of the southern Arabian Gulf. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	34
103	An improved method for retrieving nighttime aerosol optical thickness from the VIIRS Day/Night Band. <i>Atmospheric Measurement Techniques</i> , 2015, 8, 4773-4783.	1.2	34
104	Strategy for studying nocturnal aerosol optical depth using artificial lights. <i>International Journal of Remote Sensing</i> , 2008, 29, 4599-4613.	1.3	33
105	Size resolved measurements of springtime aerosol particles over the northern South China Sea. <i>Atmospheric Environment</i> , 2013, 78, 134-143.	1.9	33
106	Estimation of Surface and Top-of-Atmosphere Shortwave Irradiance in Biomass-Burning Regions during SCAR-B. <i>Journal of Applied Meteorology and Climatology</i> , 2000, 39, 1742-1753.	1.7	32
107	A study of 15-year aerosol optical thickness and direct shortwave aerosol radiative effect trends using MODIS, MISR, CALIOP and CERES. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 13849-13868.	1.9	32
108	Detecting nighttime fire combustion phase by hybrid application of visible and infrared radiation from Suomi NPP VIIRS. <i>Remote Sensing of Environment</i> , 2020, 237, 111466.	4.6	32

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109	Speciation of Organic Aerosols in the Tropical Mid-Pacific and Their Relationship to Light Scattering. <i>Journals of the Atmospheric Sciences</i> , 2004, 61, 2544-2558.	0.6	30
110	CALIOP Aerosol Subset Processing for Global Aerosol Transport Model Data Assimilation. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2010, 3, 203-214.	2.3	30
111	Relationship between Aerosol Optical Depth and Particulate Matter over Singapore: Effects of Aerosol Vertical Distributions. <i>Aerosol and Air Quality Research</i> , 2016, 16, 2818-2830.	0.9	30
112	Observations and Modeling of the Surface Aerosol Radiative Forcing during UAE2. <i>Journals of the Atmospheric Sciences</i> , 2008, 65, 2877-2891.	0.6	29
113	An evaluation of the impact of aerosol particles on weather forecasts from a biomass burning aerosol event over the Midwestern United States: observational-based analysis of surface temperature. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 6475-6494.	1.9	29
114	Robust optical features of fine mode size distributions: Application to the QuÃ©bec smoke event of 2002. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	28
115	Aerosol meteorology of the Maritime Continent for the 2012 7SEAS southwest monsoon intensive study â€“ Part 1: regional-scale phenomena. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 14041-14056.	1.9	28
116	Size-resolved aerosol and cloud condensation nuclei (CCN) properties in the remote marine South China Sea â€“ Part 1: Observations and source classification. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 1105-1123.	1.9	28
117	Operational Dust Prediction. , 2014, , 223-265.		28
118	Ensemble filter based estimation of spatially distributed parameters in a mesoscale dust model: experiments with simulated and real data. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 3481-3500.	1.9	25
119	Verification and application of the extended spectral deconvolution algorithm (SDA+) methodology to estimate aerosol fine and coarse mode extinction coefficients in the marine boundary layer. <i>Atmospheric Measurement Techniques</i> , 2014, 7, 3399-3412.	1.2	25
120	Temporal variability of aerosol optical thickness vertical distribution observed from CALIOP. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 9117-9139.	1.2	25
121	MODIS Retrieval of Aerosol Optical Depth over Turbid Coastal Water. <i>Remote Sensing</i> , 2017, 9, 595.	1.8	25
122	Foreword to special section on the Puerto Rico Dust Experiment (PRIDE). <i>Journal of Geophysical Research</i> , 2003, 108, .	3.3	24
123	A Multisensor satelliteâ€‘based assessment of biomass burning aerosol radiative impact over Amazonia. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	24
124	Coarse mode optical information retrievable using ultraviolet to shortâ€‘wave infrared Sun photometry: Application to United Arab Emirates Unified Aerosol Experiment data. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	23
125	Investigating size-segregated sources of elemental composition of particulate matter in the South China Sea during the 2011 &lt;i>Vasco&lt;/i> cruise. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 1255-1276.	1.9	23
126	Evaluating the impact of aerosol particles above cloud on cloud optical depth retrievals from MODIS. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 5410-5423.	1.2	22



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127	Investigating the frequency and interannual variability in global above-cloud aerosol characteristics with CALIOP and OMI. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 47-69.	1.9	22
128	Factors That Modulate Properties of Primary Marine Aerosol Generated From Ambient Seawater on Ships at Sea. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 11,961.	1.2	22
129	Measurement report: Long-range transport patterns into the tropical northwest Pacific during the CAMP&lt;sup&gt;2&lt;/sup&gt;Ex aircraft campaign: chemical composition, size distributions, and the impact of convection. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 3777-3802.	1.9	22
130	Geometric/aerodynamic equivalent diameter ratios of ash aggregate aerosols collected in burning Kuwaiti well fields. <i>Atmospheric Environment</i> , 1994, 28, 2227-2234.	1.9	20
131	Remote sensing of mineral dust aerosol using AERI during the UAE<sup>2</sup>: A modeling and sensitivity study. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	20
132	Exploring the first aerosol indirect effect over Southeast Asia using a 10-year collocated MODIS, CALIOP, and model dataset. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 12747-12764.	1.9	20
133	Investigation of CATS aerosol products and application toward global diurnal variation of aerosols. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 12687-12707.	1.9	20
134	International Operational Aerosol Observability Workshop. <i>Bulletin of the American Meteorological Society</i> , 2011, 92, ES21-ES24.	1.7	19
135	Revisiting the relationship between Atlantic dust and tropical cyclone activity using aerosol optical depth reanalyses: 2003&acaron;2018. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 15357-15378.	1.9	19
136	Sensitivity of infrared sea surface temperature retrievals to the vertical distribution of airborne dust aerosol. <i>Remote Sensing of Environment</i> , 2015, 159, 1-13.	4.6	18
137	Mesoscale modeling of smoke transport from equatorial Southeast Asian Maritime Continent to the Philippines: First comparison of ensemble analysis with in situ observations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 5380-5398.	1.2	18
138	A bulk-mass-modeling-based method for retrieving particulate matter pollution using CALIOP observations. <i>Atmospheric Measurement Techniques</i> , 2019, 12, 1739-1754.	1.2	18
139	Development of a nighttime shortwave radiative transfer model for remote sensing of nocturnal aerosols and fires from VIIRS. <i>Remote Sensing of Environment</i> , 2020, 241, 111727.	4.6	18
140	Role of the Madden&acaron;Julian Oscillation in the Transport of Smoke From Sumatra to the Malay Peninsula During Severe Non&acaron;Haze Events. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 6282-6294.	1.2	17
141	Characterization and application of artificial light sources for nighttime aerosol optical depth retrievals using the Visible Infrared Imager Radiometer Suite Day/Night Band. <i>Atmospheric Measurement Techniques</i> , 2019, 12, 3209-3222.	1.2	17
142	Surface dimming by the 2013 Rim Fire simulated by a sectional aerosol model. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 7079-7087.	1.2	16
143	Dew water chemical composition and source characterization in the IGP outflow location (coastal) Tj ETQq1 1 0.784314 rgBT /Overlook	1.5	16
144	An algorithm for hyperspectral remote sensing of aerosols: 3. Application to the GEO-TASO data in KORUS-AQ field campaign. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2020, 253, 107161.	1.1	16

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