

Daniel C Anderson

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

667
citations

567144

15
h-index

713332

21
g-index

31
all docs

31
docs citations

31
times ranked

1399
citing authors

#	ARTICLE	IF	CITATIONS
1	Measured and modeled CO and NO _y in DISCOVER-AQ: An evaluation of emissions and chemistry over the eastern US. <i>Atmospheric Environment</i> , 2014, 96, 78-87.	1.9	114
2	Ozone and NO _x chemistry in the eastern US: evaluation of CMAQ/CB05 with satellite (OMI) data. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 10965-10982.	1.9	84
3	Description of the NASA GEOS Composition Forecast Modeling System GEOS-CF v1.0. <i>Journal of Advances in Modeling Earth Systems</i> , 2021, 13, e2020MS002413.	1.3	52
4	The Convective Transport of Active Species in the Tropics (CONTRAST) Experiment. <i>Bulletin of the American Meteorological Society</i> , 2017, 98, 106-128.	1.7	50
5	CAMx ozone source attribution in the eastern United States using guidance from observations during DISCOVER-AQ Maryland. <i>Geophysical Research Letters</i> , 2016, 43, 2249-2258.	1.5	39
6	Stratospheric Injection of Brominated Very Short-Lived Substances: Aircraft Observations in the Western Pacific and Representation in Global Models. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 5690-5719.	1.2	36
7	On the use of data from commercial NO _x analyzers for air pollution studies. <i>Atmospheric Environment</i> , 2019, 214, 116873.	1.9	36
8	A pervasive role for biomass burning in tropical high ozone/low water structures. <i>Nature Communications</i> , 2016, 7, 10267.	5.8	33
9	BrO and inferred Br profiles over the western Pacific: relevance of inorganic bromine sources and a minimum in the aged tropical tropopause layer. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 15245-15270.	1.9	33
10	Formaldehyde in the Tropical Western Pacific: Chemical Sources and Sinks, Convective Transport, and Representation in CAM-Chem and the CCMI Models. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 11201-11226.	1.2	32
11	Evaluating commercial marine emissions and their role in air quality policy using observations and the CMAQ model. <i>Atmospheric Environment</i> , 2018, 173, 96-107.	1.9	30
12	Quantifying the causes of differences in tropospheric OH within global models. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 1983-2007.	1.2	27
13	An observationally constrained evaluation of the oxidative capacity in the tropical western Pacific troposphere. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 7461-7488.	1.2	18
14	Airborne measurements of BrO and the sum of HOBr and Br ₂ over the Tropical West Pacific from 1 to 15°km during the CONvective TRansport of Active Species in the Tropics (CONTRAST) experiment. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 12,560.	1.2	16
15	Characterization of ozone production in San Antonio, Texas, using measurements of total peroxy radicals. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 2845-2860.	1.9	16
16	Using near-road observations of CO, NO _y , and CO ₂ to investigate emissions from vehicles: Evidence for an impact of ambient temperature and specific humidity. <i>Atmospheric Environment</i> , 2020, 232, 117558.	1.9	16
17	Spatial and temporal variability in the hydroxyl (OH) radical: understanding the role of large-scale climate features and their influence on OH through its dynamical and photochemical drivers. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 6481-6508.	1.9	15
18	Urban Emissions of Nitrogen Oxides, Carbon Monoxide, and Methane Determined from Ground-Based Measurements in Philadelphia. <i>Environmental Science & Technology</i> , 2021, 55, 4532-4541.	4.6	7

#	ARTICLE	IF	CITATIONS
19	Augmenting the Standard Operating Procedures of Health and Air Quality Stakeholders With NASA Resources. <i>GeoHealth</i> , 2021, 5, e2021GH000451.	1.9	4
20	FORest Canopy Atmosphere Transfer (FORCAst) 2.0: model updates and evaluation with observations at a mixed forest site. <i>Geoscientific Model Development</i> , 2021, 14, 6309-6329.	1.3	4
21	Ground-based investigation of HO ₂ and ozone chemistry in biomass burning plumes in rural Idaho. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 4909-4928.	1.9	4