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List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,717
citations

331259

21
h-index

233125

45
g-index

69
all docs

69
docs citations

69
times ranked

4362
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of regional carbon monoxide simulations over Africa and insights into source attribution and regional transport. <i>Atmospheric Environment</i> , 2022, 277, 119075.	1.9	4
2	Wet season chemical composition of atmospheric wet deposition at Cape Point. <i>Clean Air Journal</i> , 2022, 32, .	0.2	0
3	Twenty-one years of passive sampling monitoring of SO ₂ , NO ₂ and O ₃ at the Cape Point GAW station, South Africa. <i>Atmospheric Environment</i> , 2020, 222, 117128.	1.9	9
4	Atmospheric Toluene and Benzene Mole Fractions at Cape Town and Cape Point and an Estimation of the Hydroxyl Radical Concentrations in the Air above the Cape Peninsula, South Africa. <i>ACS Earth and Space Chemistry</i> , 2020, 4, 24-34.	1.2	4
5	Emissions and Marine Boundary Layer Concentrations of Unregulated Chlorocarbons Measured at Cape Point, South Africa. <i>Environmental Science & Technology</i> , 2020, 54, 10514-10523.	4.6	9
6	Investigating the Long-Range Transport of Aerosol Plumes Following the Amazon Fires (August 2019): A Multi-Instrumental Approach from Ground-Based and Satellite Observations. <i>Remote Sensing</i> , 2020, 12, 3846.	1.8	14
7	Stratosphere-Troposphere Exchange and O ₃ Variability in the Lower Stratosphere and Upper Troposphere over the Irene SHADOZ Site, South Africa. <i>Atmosphere</i> , 2020, 11, 586.	1.0	4
8	Atmospheric mercury in the Southern Hemisphere – Part 1: Trend and inter-annual variations in atmospheric mercury at Cape Point, South Africa, in 2007-2017, and on Amsterdam Island in 2012-2017. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 7683-7692.	1.9	22
9	Multidecadal trend analysis of in situ aerosol radiative properties around the world. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 8867-8908.	1.9	58
10	A global analysis of climate-relevant aerosol properties retrieved from the network of Global Atmosphere Watch (GAW) near-surface observatories. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 4353-4392.	1.2	65
11	Volatile halocarbon measurements in the marine boundary layer at Cape Point, South Africa. <i>Atmospheric Environment</i> , 2019, 214, 116833.	1.9	2
12	Atmospheric HCFC-22, HFC-125, and HFC-152a at Cape Point, South Africa. <i>Environmental Science & Technology</i> , 2019, 53, 8967-8975.	4.6	9
13	Methods to Investigate the Global Atmospheric Microbiome. <i>Frontiers in Microbiology</i> , 2019, 10, 243.	1.5	50
14	Overview of the NOAA/ESRL Federated Aerosol Network. <i>Bulletin of the American Meteorological Society</i> , 2019, 100, 123-135.	1.7	36
15	A vegetation control on seasonal variations in global atmospheric mercury concentrations. <i>Nature Geoscience</i> , 2018, 11, 244-250.	5.4	180
16	Characterising fifteen years of continuous atmospheric radon activity observations at Cape Point (South Africa). <i>Atmospheric Environment</i> , 2018, 176, 30-39.	1.9	18
17	Atmospheric bromoform at Cape Point, South Africa: an initial fixed-point data set on the African continent. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 5785-5797.	1.9	2
18	A review of four decades of atmospheric trace gas measurements at Cape Point, South Africa. <i>Transactions of the Royal Society of South Africa</i> , 2018, 73, 113-132.	0.8	9

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19	A review of four decades of atmospheric trace gas measurements at Cape Point, South Africa. <i>Clean Air Journal</i> , 2018, 28, .	0.2	2
20	Radon-222 measurements at Cape Point: A characterization of a 15 year time series. <i>Clean Air Journal</i> , 2018, 28, .	0.2	0
21	Classifying aerosol type using in situ surface spectral aerosol optical properties. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 12097-12120.	1.9	86
22	Trend of atmospheric mercury concentrations at Cape Point for 1995–2004 and since 2007. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 2393-2399.	1.9	24
23	Five-year records of mercury wet deposition flux at GMOS sites in the Northern and Southern hemispheres. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 2689-2708.	1.9	69
24	Increasing mercury trend observed at Cape Point Global Atmosphere Watch (GAW) Station from 2007 – 2015. <i>Clean Air Journal</i> , 2017, 27, 07.	0.2	0
25	Seasonal cycles of O ₃ in the marine boundary layer: Observation and model simulation comparisons. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 538-557.	1.2	29
26	Rising atmospheric methane: 2007–2014 growth and isotopic shift. <i>Global Biogeochemical Cycles</i> , 2016, 30, 1356-1370.	1.9	317
27	Atmospheric mercury concentrations observed at ground-based monitoring sites globally distributed in the framework of the GMOS network. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 11915-11935.	1.9	185
28	Mercury in the atmosphere and in rainwater at Cape Point, South Africa. <i>Atmospheric Environment</i> , 2016, 125, 24-32.	1.9	23
29	Statistical exploration of gaseous elemental mercury (GEM) measured at Cape Point from 2007 to 2011. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 10271-10280.	1.9	15
30	Continuous measurements of greenhouse gases and atmospheric oxygen at the Namib Desert Atmospheric Observatory. <i>Atmospheric Measurement Techniques</i> , 2015, 8, 2233-2250.	1.2	12
31	Studies on CO variation and trends over South Africa and the Indian Ocean using TES satellite data. <i>South African Journal of Science</i> , 2015, 111, 9.	0.3	8
32	The GAW–PFR aerosol optical depth network: The 2008–2013 time series at Cape Point Station, South Africa. <i>Journal of Geophysical Research D: Atmospheres</i> , 2015, 120, 5070-5084.	1.2	11
33	Worldwide measurements of radionuclide background near isotope production facilities, a nuclear power plant and at remote sites: the –EU/JA-IL–Project. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013, 296, 1133-1142.	0.7	18
34	Ozone Concentrations and Their Potential Impacts on Vegetation in Southern Africa. <i>Developments in Environmental Science</i> , 2013, 13, 429-450.	0.5	9
35	–calibrated mercury fluxes from terrestrial surface of southern Africa. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 6421-6428.	1.9	24
36	²²² Rn calibrated mercury fluxes from terrestrial surfaces of southern Africa derived from observations at Cape Point, South Africa. <i>E3S Web of Conferences</i> , 2013, 1, 17005.	0.2	0

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37	Trend and seasonal variation of atmospheric mercury concentrations at the Cape Point GAW observatory, South Africa. E3S Web of Conferences, 2013, 1, 17002.	0.2	0
38	Development of a Simplified, Cost Effective GC-ECD Methodology for the Sensitive Detection of Bromoform in the Troposphere. Sensors, 2012, 12, 13583-13597.	2.1	4
39	Emissions of mercury in southern Africa derived from long-term observations at Cape Point, South Africa. Atmospheric Chemistry and Physics, 2012, 12, 7465-7474.	1.9	28
40	Global CO ₂ fluxes inferred from surface air-sample measurements and from TCCON retrievals of the CO ₂ total column. Geophysical Research Letters, 2011, 38, n/a-n/a.	1.5	85
41	Gaseous elemental mercury depletion events observed at Cape Point during 2007–2008. Atmospheric Chemistry and Physics, 2010, 10, 1121-1131.	1.9	52
42	ATMOSPHERIC MERCURY MEASUREMENTS AT CAPE POINT, SOUTH AFRICA. Clean Air Journal, 2010, 18, 17-21.	0.2	2
43	Total gaseous mercury concentrations at the Cape Point GAW station and their seasonality. Geophysical Research Letters, 2008, 35, .	1.5	54
44	Saturation of the Southern Ocean CO ₂ Sink Due to Recent Climate Change. Science, 2007, 316, 1735-1738.	6.0	779
45	A review of surface ozone in the polar regions. Atmospheric Environment, 2007, 41, 5138-5161.	1.9	133
46	Baseline air mass selection at Cape Point, South Africa: application of ²²² Rn and other filter criteria to CO ₂ . Atmospheric Environment, 2004, 38, 5693-5702.	1.9	66
47	Cape Point GAW Station ²²² Rn detector: factors affecting sensitivity and accuracy. Atmospheric Environment, 2002, 36, 2257-2262.	1.9	17
48	Gaseous mercury emissions from a fire in the Cape Peninsula, South Africa, during January 2000. Geophysical Research Letters, 2001, 28, 1483-1486.	1.5	90
49	Trace gas variations at Cape Point, South Africa, during May 1997 following a regional biomass burning episode. Atmospheric Environment, 2001, 35, 777-786.	1.9	21
50	Leaf uptake of mercury lowers global air pollution. Clean Air Journal, 0, , .	0.2	0