Iolanda Ialongo

List of Publications by Year
in descending order

33	1,990	304743 22	434195 31
papers	citations	h-index	g-index

54	54	54	3953
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Analyzing nitrogen oxides to carbon dioxide emission ratios from space: A case study of Matimba Power Station in South Africa. Atmospheric Environment: X, 2021, 10, 100110.	1.4	25
2	Monitoring Greenhouse Gases from Space. Remote Sensing, 2021, 13, 2700.	4.0	17
3	The Arctic. Bulletin of the American Meteorological Society, 2021, 102, S263-S316.	3.3	23
4	Satellite-based estimates of nitrogen oxide and methane emissions from gas flaring and oil production activities in Sakha Republic, Russia. Atmospheric Environment: X, 2021, 11, 100114.	1.4	19
5	Spaceâ€Based Observations for Understanding Changes in the Arcticâ€Boreal Zone. Reviews of Geophysics, 2020, 58, e2019RG000652.	23.0	39
6	Recordâ€Breaking Increases in Arctic Solar Ultraviolet Radiation Caused by Exceptionally Large Ozone Depletion in 2020. Geophysical Research Letters, 2020, 47, e2020GL090844.	4.0	30
7	Comparison of TROPOMI/Sentinel-5 Precursor NO₂ observations with ground-based measurements in Helsinki. Atmospheric Measurement Techniques, 2020, 13, 205-218.	3.1	153
8	The Arctic. Bulletin of the American Meteorological Society, 2020, 101, S239-S286.	3.3	29
9	State of the Climate in 2018. Bulletin of the American Meteorological Society, 2019, 100, Si-S306.	3.3	168
10	Satellite-derived sulfur dioxide (SO₂) emissions from the 2014â€“2015 Holuhraun eruption (Iceland). Atmospheric Chemistry and Physics, 2019, 19, 4851-4862.	4.9	11
11	Analysis of Four Years of Global XCO2 Anomalies as Seen by Orbiting Carbon Observatory-2. Remote Sensing, 2019, 11, 850.	4.0	51
12	Application of satellite-based sulfur dioxide observations to support the cleantech sector: Detecting emission reduction from copper smelters. Environmental Technology and Innovation, 2018, 12, 172-179.	6.1	11
13	State of the Climate in 2017. Bulletin of the American Meteorological Society, 2018, 99, Si-S310.	3.3	160
14	The Ozone Monitoring Instrument: overview of 14 years in space. Atmospheric Chemistry and Physics, 2018, 18, 5699-5745.	4.9	259
15	25 years of spectral UV measurements at SodankylÃ. AIP Conference Proceedings, 2017, , .	0.4	4
16	Improved GOMOS/Envisat ozone retrievals in the upper troposphere and the lower stratosphere. Atmospheric Measurement Techniques, 2017, 10, 231-246.	3.1	10
17	State of the Climate in 2016. Bulletin of the American Meteorological Society, 2017, 98, Si-S280.	3.3	132
18	Comparison of OMI NO₂ observations and their seasonal and weekly cycles with ground-based measurements in Helsinki. Atmospheric Measurement Techniques, 2016, 9, 5203-5212.	3.1	46

#	Article	IF	Citations
19	State of the Climate in 2015. Bulletin of the American Meteorological Society, 2016, 97, Si-S275.	3.3	142
20	Direct spaceâ€based observations of anthropogenic CO₂ emission areas from OCOâ€2. Geophysical Research Letters, 2016, 43, 11,400.	4.0	137
21	Satellite detection, longâ€range transport, and air quality impacts of volcanic sulfur dioxide from the 2014â€“2015 flood lava eruption at BÃ¡rÃ°arbunga (Iceland). Journal of Geophysical Research D: Atmospheres, 2015, 120, 9739-9757.	3.3	98
22	Comparison of operational satellite SO₂ products with ground-based observations in northern Finland during the Icelandic Holuhraun fissure eruption. Atmospheric Measurement Techniques, 2015, 8, 2279-2289.	3.1	24
23	State of the Climate in 2014. Bulletin of the American Meteorological Society, 2015, 96, ES1-ES32.	3.3	78
24	Characterization of OMI tropospheric NO₂ over the Baltic Sea region. Atmospheric Chemistry and Physics, 2014, 14, 7795-7805.	4.9	24
25	The link between springtime total ozone and summer UV radiation in Northern Hemisphere extratropics. Journal of Geophysical Research D: Atmospheres, 2013, 118, 8649-8661.	3.3	16
26	Ozone zonal asymmetry and planetary wave characterization during Antarctic spring. Atmospheric Chemistry and Physics, 2012, 12, 2603-2614.	4.9	28
27	Biomass burning aerosols observed in Eastern Finland during the Russian wildfires in summer 2010 â€“ Part 2: Remote sensing. Atmospheric Environment, 2012, 47, 279-287.	4.1	41
28	Use of satellite erythemal UV products in analysing the global UV changes. Atmospheric Chemistry and Physics, 2011, 11, 9649-9658.	4.9	21
29	Aerosol Single Scattering Albedo retrieval in the UV range: an application to OMI satellite validation. Atmospheric Chemistry and Physics, 2010, 10, 331-340.	4.9	32
30	A new approach to correct for absorbing aerosols in OMI UV. Geophysical Research Letters, 2009, 36, .	4.0	71
31	Comparison of total ozone and erythemal UV data from OMI with ground-based measurements at Rome station. Atmospheric Chemistry and Physics, 2008, 8, 3283-3289.	4.9	77
32	Surface UV radiation monitoring at two Italian Brewer stations (Rome and Ispra): a first comparison with OMI data. , 2006, , .		1
33	Analyzing Local Carbon Dioxide and Nitrogen Oxide Emissions From Space Using the Divergence Method: An Application to the Synthetic SMARTCARB Dataset. Frontiers in Remote Sensing, 0, 3, .	3.5	3