

Eleonora Aruffo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6781099/publications.pdf>

Version: 2024-02-01

28
papers

842
citations

759233

12
h-index

501196

28
g-index

29
all docs

29
docs citations

29
times ranked

1836
citing authors

#	ARTICLE	IF	CITATIONS
1	Genotoxicity Response of Fibroblast Cells and Human Epithelial Adenocarcinoma In Vitro Model Exposed to Bare and Ozone-Treated Silica Microparticles. <i>Cells</i> , 2022, 11, 226.	4.1	1
2	The Relationship between PM2.5 and PM10 in Central Italy: Application of Machine Learning Model to Segregate Anthropogenic from Natural Sources. <i>Atmosphere</i> , 2022, 13, 484.	2.3	3
3	Partitioning of Organonitrates in the Production of Secondary Organic Aerosols from α -Pinene Photo-Oxidation. <i>Environmental Science & Technology</i> , 2022, 56, 5421-5429.	10.0	4
4	<i>Bacillus thuringiensis</i> Cells Selectively Captured by Phages and Identified by Surface Enhanced Raman Spectroscopy Technique. <i>Micromachines</i> , 2021, 12, 100.	2.9	5
5	Normal breathing releases SARS-CoV-2 into the air. <i>Journal of Medical Microbiology</i> , 2021, 70, .	1.8	7
6	Fractal Dimension Analysis Applied to Soil CO2 Fluxes in Campotosto's Seismic Area, Central Italy. <i>Geosciences (Switzerland)</i> , 2020, 10, 233.	2.2	1
7	Increasing the maturity of measurements of essential climate variables (ECVs) at Italian atmospheric WMO/GAW observatories by implementing automated data elaboration chains. <i>Computers and Geosciences</i> , 2020, 137, 104432.	4.2	5
8	Neural Network Model Analysis for Investigation of NO Origin in a High Mountain Site. <i>Atmosphere</i> , 2020, 11, 173.	2.3	2
9	Hyperspectral Fluorescence LIDAR Based on a Liquid Crystal Tunable Filter for Marine Environment Monitoring. <i>Sensors</i> , 2020, 20, 410.	3.8	5
10	Air and surface measurements of SARS-CoV-2 inside a bus during normal operation. <i>PLoS ONE</i> , 2020, 15, e0235943.	2.5	36
11	Precipitation intensity under a warming climate is threatening some Italian premium wines. <i>Science of the Total Environment</i> , 2019, 685, 508-513.	8.0	14
12	Homogenization of instrumental time series of air temperature in Central Italy (1930-2015). <i>Climate Research</i> , 2019, 77, 193-204.	1.1	6
13	An Assessment of Stratospheric Intrusions in Italian Mountain Regions Using STEFLUX. <i>Atmosphere</i> , 2018, 9, 413.	2.3	2
14	Recursive neural network model for analysis and forecast of PM10 and PM2.5. <i>Atmospheric Pollution Research</i> , 2017, 8, 652-659.	3.8	223
15	Effects of ozone exposure on human epithelial adenocarcinoma and normal fibroblasts cells. <i>PLoS ONE</i> , 2017, 12, e0184519.	2.5	13
16	Impact of biomass burning emission on total peroxy nitrates: fire plume identification during the BORTAS campaign. <i>Atmospheric Measurement Techniques</i> , 2016, 9, 5591-5606.	3.1	5
17	Production of peroxy nitrates in boreal biomass burning plumes over Canada during the BORTAS campaign. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 3485-3497.	4.9	7
18	Wildfires impact on surface nitrogen oxides and ozone in Central Italy. <i>Atmospheric Pollution Research</i> , 2015, 6, 29-35.	3.8	10

#	ARTICLE	IF	CITATIONS
19	Influence of aerosol chemical composition on N ₂ O ₅ uptake: airborne regional measurements in northwestern Europe. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 973-990.	4.9	66
20	WRF-Chem model predictions of the regional impacts of N ₂ O ₅ heterogeneous processes on night-time chemistry over north-western Europe. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 1385-1409.	4.9	38
21	Properties and evolution of biomass burning organic aerosol from Canadian boreal forest fires. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 3077-3095.	4.9	61
22	Analysis of surface ozone using a recurrent neural network. <i>Science of the Total Environment</i> , 2015, 514, 379-387.	8.0	52
23	Aircraft observations of the lower troposphere above a megacity: Alkyl nitrate and ozone chemistry. <i>Atmospheric Environment</i> , 2014, 94, 479-488.	4.1	11
24	Radical chemistry at night: comparisons between observed and modelled HO _x , NO ₃ and N ₂ O ₅ during the RONOCO project. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 1299-1321.	4.9	42
25	Quantifying the impact of BOREal forest fires on Tropospheric oxidants over the Atlantic using Aircraft and Satellites (BORTAS) experiment: design, execution and science overview. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 6239-6261.	4.9	52
26	Ozone photochemistry in boreal biomass burning plumes. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 7321-7341.	4.9	64
27	Aircraft based four-channel thermal dissociation laser induced fluorescence instrument for simultaneous measurements of NO ₂ , total peroxy nitrate, total alkyl nitrate, and HNO ₃ . <i>Atmospheric Measurement Techniques</i> , 2013, 6, 971-980.	3.1	29
28	Effects of land use on surface-atmosphere exchanges of trace gases and energy in Borneo: comparing fluxes over oil palm plantations and a rainforest. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2011, 366, 3196-3209.	4.0	78