

Iasonas Stavroulas

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10017430/publications.pdf>

Version: 2024-02-01

42
papers

1,682
citations

236925

25
h-index

289244

40
g-index

50
all docs

50
docs citations

50
times ranked

2193
citing authors

#	ARTICLE	IF	CITATIONS
1	Particle water and pH in the eastern Mediterranean: source variability and implications for nutrient availability. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 4579-4591.	4.9	142
2	Processing of biomass-burning aerosol in the eastern Mediterranean during summertime. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 4793-4807.	4.9	133
3	Long-term cloud condensation nuclei number concentration, particle number size distribution and chemical composition measurements at regionally representative observatories. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 2853-2881.	4.9	108
4	Multi-tracer approach to characterize domestic wood burning in Athens (Greece) during wintertime. <i>Atmospheric Environment</i> , 2017, 148, 89-101.	4.1	91
5	Biomass-burning impact on CCN number, hygroscopicity and cloud formation during summertime in the eastern Mediterranean. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 7389-7409.	4.9	76
6	Field Evaluation of Low-Cost PM Sensors (Purple Air PA-II) Under Variable Urban Air Quality Conditions, in Greece. <i>Atmosphere</i> , 2020, 11, 926.	2.3	67
7	Long-term variability, source apportionment and spectral properties of black carbon at an urban background site in Athens, Greece. <i>Atmospheric Environment</i> , 2020, 222, 117137.	4.1	64
8	Sources and processes that control the submicron organic aerosol composition in an urban Mediterranean environment (Athens): a high temporal-resolution chemical composition measurement study. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 901-919.	4.9	62
9	New particle formation in the southern Aegean Sea during the Etesians: importance for CCN production and cloud droplet number. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 175-192.	4.9	55
10	Long-term brown carbon spectral characteristics in a Mediterranean city (Athens). <i>Science of the Total Environment</i> , 2020, 708, 135019.	8.0	55
11	Atmospheric new particle formation as a source of CCN in the eastern Mediterranean marine boundary layer. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 9203-9215.	4.9	52
12	Yearlong variability of oxidative potential of particulate matter in an urban Mediterranean environment. <i>Atmospheric Environment</i> , 2019, 206, 183-196.	4.1	47
13	Organic carbon at a remote site of the western Mediterranean Basin: sources and chemistry during the ChArMEx SOP2 field experiment. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 8837-8865.	4.9	45
14	Integrating in situ Measurements and City Scale Modelling to Assess the COVID-19 Lockdown Effects on Emissions and Air Quality in Athens, Greece. <i>Atmosphere</i> , 2020, 11, 1174.	2.3	45
15	Collocated observations of cloud condensation nuclei, particle size distributions, and chemical composition. <i>Scientific Data</i> , 2017, 4, 170003.	5.3	44
16	Origin and variability in volatile organic compounds observed at an Eastern Mediterranean background site (Cyprus). <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 11355-11388.	4.9	44
17	Carbonaceous Aerosols in Contrasting Atmospheric Environments in Greek Cities: Evaluation of the EC-tracer Methods for Secondary Organic Carbon Estimation. <i>Atmosphere</i> , 2020, 11, 161.	2.3	43
18	European aerosol phenomenology \hat{a}^{\sim} 8: Harmonised source apportionment of organic aerosol using 22 Year-long ACSM/AMS datasets. <i>Environment International</i> , 2022, 166, 107325.	10.0	41

#	ARTICLE	IF	CITATIONS
19	The second ACTRIS inter-comparison (2016) for Aerosol Chemical Speciation Monitors (ACSM): Calibration protocols and instrument performance evaluations. <i>Aerosol Science and Technology</i> , 2019, 53, 830-842.	3.1	35
20	Measuring the spatial variability of black carbon in Athens during wintertime. <i>Air Quality, Atmosphere and Health</i> , 2019, 12, 1405-1417.	3.3	34
21	Driving parameters of biogenic volatile organic compounds and consequences on new particle formation observed at an eastern Mediterranean background site. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 14297-14325.	4.9	33
22	Formation and growth of atmospheric nanoparticles in the eastern Mediterranean: results from long-term measurements and process simulations. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 2671-2686.	4.9	30
23	Apportionment of black and brown carbon spectral absorption sources in the urban environment of Athens, Greece, during winter. <i>Science of the Total Environment</i> , 2021, 801, 149739.	8.0	28
24	Optical Properties of Near-Surface Urban Aerosols and their Chemical Tracing in a Mediterranean City (Athens). <i>Aerosol and Air Quality Research</i> , 2019, 19, 49-70.	2.1	28
25	Regional new particle formation as modulators of cloud condensation nuclei and cloud droplet number in the eastern Mediterranean. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 6185-6203.	4.9	26
26	Night-time enhanced atmospheric ion concentrations in the marine boundary layer. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 3627-3638.	4.9	25
27	The new instrument using a TC–BC (total carbon–black carbon) method for the online measurement of carbonaceous aerosols. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 4333-4351.	3.1	25
28	In situ identification of aerosol types in Athens, Greece, based on long-term optical and on online chemical characterization. <i>Atmospheric Environment</i> , 2021, 246, 118070.	4.1	24
29	A European aerosol phenomenology - 7: High-time resolution chemical characteristics of submicron particulate matter across Europe. <i>Atmospheric Environment: X</i> , 2021, 10, 100108.	1.4	23
30	Summertime particulate matter and its composition in Greece. <i>Atmospheric Environment</i> , 2019, 213, 597-607.	4.1	20
31	On-flight intercomparison of three miniature aerosol absorption sensors using unmanned aerial systems (UASs). <i>Atmospheric Measurement Techniques</i> , 2019, 12, 6425-6447.	3.1	20
32	Particle number size distribution statistics at City-Centre Urban Background, urban background, and remote stations in Greece during summer. <i>Atmospheric Environment</i> , 2019, 213, 711-726.	4.1	19
33	Yearlong measurements of monoterpenes and isoprene in a Mediterranean city (Athens): Natural vs anthropogenic origin. <i>Atmospheric Environment</i> , 2020, 243, 117803.	4.1	19
34	A new optical-based technique for real-time measurements of mineral dust concentration in PM ₁₀ ; using a virtual impactor. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 3799-3813.	3.1	19
35	On the regional aspects of new particle formation in the Eastern Mediterranean: A comparative study between a background and an urban site based on long term observations. <i>Atmospheric Research</i> , 2020, 239, 104911.	4.1	14
36	Assessment of the COVID-19 Lockdown Effects on Spectral Aerosol Scattering and Absorption Properties in Athens, Greece. <i>Atmosphere</i> , 2021, 12, 231.	2.3	13

#	ARTICLE	IF	CITATIONS
37	Regional New Particle Formation over the Eastern Mediterranean and Middle East. <i>Atmosphere</i> , 2021, 12, 13.	2.3	8
38	Online Chemical Characterization and Sources of Submicron Aerosol in the Major Mediterranean Port City of Piraeus, Greece. <i>Atmosphere</i> , 2021, 12, 1686.	2.3	7
39	Vertical Profiling of Fresh Biomass Burning Aerosol Optical Properties over the Greek Urban City of Ioannina, during the PANACEA Winter Campaign. <i>Atmosphere</i> , 2022, 13, 94.	2.3	6
40	Aerosol absorption profiling from the synergy of lidar and sun-photometry: the ACTRIS-2 campaigns in Germany, Greece and Cyprus. <i>EPJ Web of Conferences</i> , 2018, 176, 08005.	0.3	5
41	Measurement of atmospheric black carbon in some South Mediterranean cities. <i>Clean Air Journal</i> , 2019, 29, .	0.5	3
42	Lidar Ice nuclei estimates and how they relate with airborne in-situ measurements. <i>EPJ Web of Conferences</i> , 2018, 176, 05018.	0.3	0