

Nikolaos Mihalopoulos

List of Publications by Year in descending order

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366
papers

22,880
citations

9428

76
h-index

19470

122
g-index

439
all docs

439
docs citations

439
times ranked

14524
citing authors

#	ARTICLE	IF	CITATIONS
1	Tropospheric aerosol ionic composition in the Eastern Mediterranean region. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 49, 314.	0.8	151
2	Sulfur budget above the Eastern Mediterranean: relative contribution of anthropogenic and biogenic sources. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 54, 201.	0.8	15
3	Impact of spatial and vertical distribution of air masses on PM10 chemical components at the Eastern Mediterranean – A seasonal approach. <i>Atmospheric Research</i> , 2022, 266, 105974.	1.8	6
4	High-Resolution Measurements of SO ₂ , HNO ₃ and HCl at the Urban Environment of Athens, Greece: Levels, Variability and Gas to Particle Partitioning. <i>Atmosphere</i> , 2022, 13, 218.	1.0	1
5	Modification of Temperature Lapse Rates and Cloud Properties during a Spatiotemporally Extended Dust Aerosol Episode (16–18 June 2016) over the Mediterranean Basin Based on Satellite and Reanalysis Data. <i>Remote Sensing</i> , 2022, 14, 679.	1.8	2
6	Determination of the background pollution in the Eastern Mediterranean applying a statistical clustering technique. <i>Atmospheric Environment</i> , 2022, 276, 119067.	1.9	6
7	Water soluble reactive phosphate (SRP) in atmospheric particles over East Mediterranean: The importance of dust and biomass burning events. <i>Science of the Total Environment</i> , 2022, 830, 154263.	3.9	4
8	Impacts of severe residential wood burning on atmospheric processing, water-soluble organic aerosol and light absorption, in an inland city of Southeastern Europe. <i>Atmospheric Environment</i> , 2022, 280, 119139.	1.9	16
9	European aerosol phenomenology – 8: Harmonised source apportionment of organic aerosol using 22 Year-long ACSM/AMS datasets. <i>Environment International</i> , 2022, 166, 107325.	4.8	41
10	Impact of COVID-19 Lockdown on Oxidative Potential of Particulate Matter: Case of Athens (Greece). <i>Toxics</i> , 2022, 10, 280.	1.6	5
11	Multi-sectoral impact assessment of an extreme African dust episode in the Eastern Mediterranean in March 2018. <i>Science of the Total Environment</i> , 2022, 843, 156861.	3.9	20
12	A 3-Dimensional analysis of long-range transported particulate matter to the Eastern Mediterranean: Implication for the chemical components of PM ₁ and PM ₁₀ . <i>Atmospheric Pollution Research</i> , 2022, 13, 101485.	1.8	2
13	The Extreme Heat Wave of Summer 2021 in Athens (Greece): Cumulative Heat and Exposure to Heat Stress. <i>Sustainability</i> , 2022, 14, 7766.	1.6	16
14	Evidence of stockpile contamination for legacy polychlorinated biphenyls and organochlorine pesticides in the urban environment of Cyprus (Eastern Mediterranean): Influence of meteorology on air level variability and gas/particle partitioning based on equilibrium and steady-state models. <i>Journal of Hazardous Materials</i> , 2022, 439, 129544.	6.5	8
15	Climate Change and Weather Extremes in the Eastern Mediterranean and Middle East. <i>Reviews of Geophysics</i> , 2022, 60, .	9.0	131
16	Physicochemical Characterization of Personal Exposures to Smoke Aerosol and PAHs of Wildland Firefighters in Prescribed Fires. <i>Exposure and Health</i> , 2021, 13, 105-118.	2.8	9
17	Human health risk assessment for toxic elements in the extreme ambient dust conditions observed in Sistan, Iran. <i>Chemosphere</i> , 2021, 262, 127835.	4.2	71
18	Assessing the contribution of regional sources to urban air pollution by applying 3D-PSCF modeling. <i>Atmospheric Research</i> , 2021, 248, 105187.	1.8	17

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19	Identification of key aerosol types and mixing states in the central Indian Himalayas during the GVAX campaign: the role of particle size in aerosol classification. <i>Science of the Total Environment</i> , 2021, 761, 143188.	3.9	16
20	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.	1.9	24
21	Spatiotemporal variability and sources of aerosol water-soluble organic nitrogen (WSON), in the Eastern Mediterranean. <i>Atmospheric Environment</i> , 2021, 246, 118144.	1.9	7
22	The MEDEA childhood asthma study design for mitigation of desert dust health effects: implementation of novel methods for assessment of air pollution exposure and lessons learned. <i>BMC Pediatrics</i> , 2021, 21, 13.	0.7	15
23	Retrieval and evaluation of tropospheric-aerosol extinction profiles using multi-axis differential optical absorption spectroscopy (MAX-DOAS) measurements over Athens, Greece. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 749-767.	1.2	4
24	Personal deposited dose and its influencing factors at several Greek sites: an analysis in respect to seasonal and diurnal variations. <i>Environmental Science and Pollution Research</i> , 2021, 28, 29276-29286.	2.7	1
25	Assessing Sea-State Effects on Sea-Salt Aerosol Modeling in the Lower Atmosphere Using Lidar and In-Situ Measurements. <i>Remote Sensing</i> , 2021, 13, 614.	1.8	10
26	Assessment of the COVID-19 Lockdown Effects on Spectral Aerosol Scattering and Absorption Properties in Athens, Greece. <i>Atmosphere</i> , 2021, 12, 231.	1.0	13
27	Atmospheric and Oceanographic Forcing Impact Particle Flux Composition and Carbon Sequestration in the Eastern Mediterranean Sea: A Three-Year Time-Series Study in the Deep Ierapetra Basin. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	4
28	A European aerosol phenomenology - 7: High-time resolution chemical characteristics of submicron particulate matter across Europe. <i>Atmospheric Environment: X</i> , 2021, 10, 100108.	0.8	23
29	Greenhouse gases (CO ₂ and CH ₄) at an urban background site in Athens, Greece: Levels, sources and impact of atmospheric circulation. <i>Atmospheric Environment</i> , 2021, 253, 118372.	1.9	15
30	Sources of PM _{2.5} -bound water soluble ions at EMEP's Auchencorth Moss (UK) supersite revealed by 3D-Concentration Weighted Trajectory (CWT) model. <i>Chemosphere</i> , 2021, 274, 129979.	4.2	17
31	A Climatological Assessment of Intense Desert Dust Episodes over the Broader Mediterranean Basin Based on Satellite Data. <i>Remote Sensing</i> , 2021, 13, 2895.	1.8	6
32	The Unmanned Systems Research Laboratory (USRL): A New Facility for UAV-Based Atmospheric Observations. <i>Atmosphere</i> , 2021, 12, 1042.	1.0	21
33	A phenomenology of new particle formation (NPF) at 13 European sites. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 11905-11925.	1.9	13
34	Chemical Composition and Source Apportionment of Total Suspended Particulate in the Central Himalayan Region. <i>Atmosphere</i> , 2021, 12, 1228.	1.0	11
35	Effect of aerosol types from various sources at an urban location on spectral curvature of scattering and absorption coefficients. <i>Atmospheric Research</i> , 2021, 264, 105865.	1.8	5
36	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.	3.9	28

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37	Variability and sources of non-methane hydrocarbons at a Mediterranean urban atmosphere: The role of biomass burning and traffic emissions. <i>Science of the Total Environment</i> , 2021, 800, 149389.	3.9	10
38	A Global Climatology of Dust Aerosols Based on Satellite Data: Spatial, Seasonal and Inter-Annual Patterns over the Period 2005–2019. <i>Remote Sensing</i> , 2021, 13, 359.	1.8	18
39	Regional New Particle Formation over the Eastern Mediterranean and Middle East. <i>Atmosphere</i> , 2021, 12, 13.	1.0	8
40	The LTER-Greece Environmental Observatory Network: Design and Initial Achievements. <i>Water (Switzerland)</i> , 2021, 13, 2971.	1.2	0
41	Seasonality of the particle number concentration and size distribution: a global analysis retrieved from the network of Global Atmosphere Watch (GAW) near-surface observatories. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 17185-17223.	1.9	31
42	Spatial Characteristics of PM1 Aerosol Chemical Composition over the Greater Athens Area. <i>Environmental Sciences Proceedings</i> , 2021, 4, 7.	0.3	0
43	A 15-Year Climatology of Desert Dust Episodes in the Broader Mediterranean Basin. <i>Environmental Sciences Proceedings</i> , 2021, 4, 1.	0.3	0
44	Online Chemical Characterization and Sources of Submicron Aerosol in the Major Mediterranean Port City of Piraeus, Greece. <i>Atmosphere</i> , 2021, 12, 1686.	1.0	7
45	Annual exposure to polycyclic aromatic hydrocarbons in urban environments linked to wintertime wood-burning episodes. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 17865-17883.	1.9	29
46	Chemical characterization, sources and potential health risk of PM2.5 and PM1 pollution across the Greater Athens Area. <i>Chemosphere</i> , 2020, 241, 125026.	4.2	21
47	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.	1.9	64
48	Long-term brown carbon spectral characteristics in a Mediterranean city (Athens). <i>Science of the Total Environment</i> , 2020, 708, 135019.	3.9	55
49	Atmospheric Deposition over the Aegean Sea and Its Impact on the Seawater Productivity. <i>Handbook of Environmental Chemistry</i> , 2020, , 1.	0.2	3
50	Yearlong measurements of monoterpenes and isoprene in a Mediterranean city (Athens): Natural vs anthropogenic origin. <i>Atmospheric Environment</i> , 2020, 243, 117803.	1.9	19
51	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.	1.0	67
52	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.	1.0	45
53	Differentiation of the Athens Fine PM Profile during Economic Recession (March of 2008 Versus) Tj ETQq1 1 0.784314 rgBT /Overlock <i>Atmosphere</i> , 2020, 11, 1121.	1.0	2
54	Assessing Desert Dust Indirect Effects on Cloud Microphysics through a Cloud Nucleation Scheme: A Case Study over the Western Mediterranean. <i>Remote Sensing</i> , 2020, 12, 3473.	1.8	6

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55	A Decade of Aerosol Optical Properties Measurements over Athens, Greece. <i>Atmosphere</i> , 2020, 11, 154.	1.0	27
56	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.	1.0	43
57	Aerosol absorption over the Aegean Sea under northern summer winds. <i>Atmospheric Environment</i> , 2020, 231, 117533.	1.9	0
58	Spatio-temporal variability of desert dust storms in Eastern Mediterranean (Crete, Cyprus, Israel) between 2006 and 2017 using a uniform methodology. <i>Science of the Total Environment</i> , 2020, 714, 136693.	3.9	42
59	Implementation of an aggregate index to elucidate the influence of atmospheric synoptic conditions on air quality in Athens, Greece. <i>Air Quality, Atmosphere and Health</i> , 2020, 13, 447-458.	1.5	13
60	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.	1.8	14
61	Links between airborne microbiome, meteorology, and chemical composition in northwestern Turkey. <i>Science of the Total Environment</i> , 2020, 725, 138227.	3.9	23
62	Chemical characterization of fine particles (PM _{2.5}) at a coastal site in the South Western Mediterranean during the ChArMex experiment. <i>Environmental Science and Pollution Research</i> , 2020, 27, 20427-20445.	2.7	13
63	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
64	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
65	Atmospheric evolution of molecular-weight-separated brown carbon from biomass burning. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 7319-7334.	1.9	107
66	Measuring the spatial variability of black carbon in Athens during wintertime. <i>Air Quality, Atmosphere and Health</i> , 2019, 12, 1405-1417.	1.5	34
67	The Role of the Intertropical Discontinuity Region and the Heat Low in Dust Emission and Transport Over the Thar Desert, India: A Premonsoon Case Study. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 13197-13219.	1.2	49
68	A global view on the effect of water uptake on aerosol particle light scattering. <i>Scientific Data</i> , 2019, 6, 157.	2.4	28
69	PM ₁₀ levels at urban, suburban, and background locations in the eastern Mediterranean: local versus regional sources with emphasis on African dust. <i>Air Quality, Atmosphere and Health</i> , 2019, 12, 1359-1371.	1.5	13
70	Summertime particulate matter and its composition in Greece. <i>Atmospheric Environment</i> , 2019, 213, 597-607.	1.9	20
71	Chemical composition of downward fluxes in the Cretan Sea (Eastern Mediterranean) and possible link to atmospheric deposition: A 7 year survey. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2019, 164, 89-99.	0.6	8
72	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.	1.9	30

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73	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.	1.9	26
74	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.	1.9	19
75	Effects of Atmospheric Processing on the Oxidative Potential of Biomass Burning Organic Aerosols. <i>Environmental Science & Technology</i> , 2019, 53, 6747-6756.	4.6	68
76	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.	1.5	35
77	Yearlong variability of oxidative potential of particulate matter in an urban Mediterranean environment. <i>Atmospheric Environment</i> , 2019, 206, 183-196.	1.9	47
78	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.	1.9	62
79	A Climatological Satellite Assessment of Absorbing Carbonaceous Aerosols on a Global Scale. <i>Atmosphere</i> , 2019, 10, 671.	1.0	3
80	On-flight intercomparison of three miniature aerosol absorption sensors using unmanned aerial systems (UASs). <i>Atmospheric Measurement Techniques</i> , 2019, 12, 6425-6447.	1.2	20
81	Levels, Sources and Health Risk of PM2.5 and PM1-Bound PAHs across the Greater Athens Area: The Role of the Type of Environment and the Meteorology. <i>Atmosphere</i> , 2019, 10, 622.	1.0	9
82	Is systemic lupus erythematosus different in urban versus rural living environment? Data from the Cretan Lupus Epidemiology and Surveillance Registry. <i>Lupus</i> , 2019, 28, 104-113.	0.8	10
83	Year-long variability of the fossil fuel and wood burning black carbon components at a rural site in southern Delhi outskirts. <i>Atmospheric Research</i> , 2019, 216, 11-25.	1.8	46
84	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.	0.9	28
85	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.	1.9	108
86	Abundance and sources of atmospheric halocarbons in the Eastern Mediterranean. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 4069-4092.	1.9	12
87	Solar Irradiance Prediction over the Aegean Sea: Shortwave Parameterization Schemes and Aerosol Radiation Feedback. <i>Springer Proceedings in Complexity</i> , 2018, , 141-145.	0.2	1
88	Sugars in atmospheric aerosols over the Eastern Mediterranean. <i>Progress in Oceanography</i> , 2018, 163, 70-81.	1.5	36
89	The GLAM Airborne Campaign across the Mediterranean Basin. <i>Bulletin of the American Meteorological Society</i> , 2018, 99, 361-380.	1.7	15
90	Characterization of airborne particulate matter and microbes inside cultural heritage collections. <i>Journal of Cultural Heritage</i> , 2018, 30, 136-146.	1.5	17

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91	Organic phosphorus in atmospheric deposition over the Mediterranean Sea: An important missing piece of the phosphorus cycle. <i>Progress in Oceanography</i> , 2018, 163, 50-58.	1.5	27
92	Non-methane hydrocarbon variability in Athens during wintertime: the role of traffic and heating. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 16139-16154.	1.9	25
93	Multi-year chemical composition of the fine-aerosol fraction in Athens, Greece, with emphasis on the contribution of residential heating in wintertime. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 14371-14391.	1.9	57
94	“European aerosol phenomenology 6”: scattering properties of atmospheric aerosol particles from 28 ACTRIS sites. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 7877-7911.	1.9	76
95	Enhanced Iron Solubility at Low pH in Global Aerosols. <i>Atmosphere</i> , 2018, 9, 201.	1.0	30
96	The Implementation of a Mineral Dust Wet Deposition Scheme in the GOCART-AFWA Module of the WRF Model. <i>Remote Sensing</i> , 2018, 10, 1595.	1.8	15
97	Global analysis of continental boundary layer new particle formation based on long-term measurements. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 14737-14756.	1.9	113
98	Assessment of biomass burning and fossil fuel contribution to black carbon concentrations in Delhi during winter. <i>Atmospheric Environment</i> , 2018, 194, 93-109.	1.9	79
99	Assessment of wood burning versus fossil fuel contribution to wintertime black carbon and carbon monoxide concentrations in Athens, Greece. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 10219-10236.	1.9	61
100	Calcium sequestration by fungal melanin inhibits calcium-calmodulin signalling to prevent LC3-associated phagocytosis. <i>Nature Microbiology</i> , 2018, 3, 791-803.	5.9	66
101	Identification of spikes associated with local sources in continuous time series of atmospheric CO ₂ and CH ₄ . <i>Atmospheric Measurement Techniques</i> , 2018, 11, 1599-1614.	1.2	31
102	Spatial and temporal (short and long-term) variability of submicron, fine and sub-10 ⁻¹ / ₄ m particulate matter (PM ₁ , PM _{2.5} , PM ₁₀) in Cyprus. <i>Atmospheric Environment</i> , 2018, 191, 79-93.	1.9	61
103	From Tropospheric Folding to Khamsin and Foehn Winds: How Atmospheric Dynamics Advanced a Record-Breaking Dust Episode in Crete. <i>Atmosphere</i> , 2018, 9, 240.	1.0	49
104	Elemental Composition and Source Apportionment of Fine and Coarse Particles at Traffic and Urban Background Locations in Athens, Greece. <i>Aerosol and Air Quality Research</i> , 2018, 18, 1642-1659.	0.9	82
105	Investigation of Turbulence Parametrization Schemes with Reference to the Atmospheric Boundary Layer Over the Aegean Sea During Etesian Winds. <i>Boundary-Layer Meteorology</i> , 2017, 164, 303-329.	1.2	9
106	Collocated observations of cloud condensation nuclei, particle size distributions, and chemical composition. <i>Scientific Data</i> , 2017, 4, 170003.	2.4	44
107	The combined effect of reduced fossil fuel consumption and increasing biomass combustion on Athens' air quality, as inferred from long term CO measurements. <i>Science of the Total Environment</i> , 2017, 592, 115-123.	3.9	62
108	Two Years of Air Pollution Measurements at Athens Center: Variability and Role of Wood Burning. <i>Springer Atmospheric Sciences</i> , 2017, , 1099-1104.	0.4	0

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109	Multi-tracer approach to characterize domestic wood burning in Athens (Greece) during wintertime. Atmospheric Environment, 2017, 148, 89-101.	1.9	91
110	New particle formation in the southern Aegean Sea during the Etesians: importance for CCN production and cloud droplet number. Atmospheric Chemistry and Physics, 2017, 17, 175-192.	1.9	55
111	Changes in domestic heating fuel use in Greece: effects on atmospheric chemistry and radiation. Atmospheric Chemistry and Physics, 2017, 17, 10597-10618.	1.9	38
112	The contribution of wood burning and other pollution sources to wintertime organic aerosol levels in two Greek cities. Atmospheric Chemistry and Physics, 2017, 17, 3145-3163.	1.9	87
113	Ice nucleating particles over the Eastern Mediterranean measured by unmanned aircraft systems. Atmospheric Chemistry and Physics, 2017, 17, 4817-4835.	1.9	62
114	Spatial extent of new particle formation events over the Mediterranean Basin from multiple ground-based and airborne measurements. Atmospheric Chemistry and Physics, 2017, 17, 9567-9583.	1.9	24
115	Saharan Dust Deposition Effects on the Microbial Food Web in the Eastern Mediterranean: A Study Based on a Mesocosm Experiment. Frontiers in Marine Science, 2017, 4, .	1.2	24
116	GARRLiC and LIRIC: strengths and limitations for the characterization of dust and marine particles along with their mixtures. Atmospheric Measurement Techniques, 2017, 10, 4995-5016.	1.2	42
117	Profiling aerosol optical, microphysical and hygroscopic properties in ambient conditions by combining in situ and remote sensing. Atmospheric Measurement Techniques, 2017, 10, 83-107.	1.2	9
118	Simulations of New Particle Formation and Growth Processes at Eastern Mediterranean, with the MALTE-Box Model. Springer Atmospheric Sciences, 2017, , 933-939.	0.4	1
119	Benzene and Toluene Levels in the Atmosphere of Athens During Wintertime: Influence of Financial Crisis on Traffic and Biomass Burning Emissions. Springer Atmospheric Sciences, 2017, , 1141-1147.	0.4	1
120	Sources of Atmospheric Aerosols in Heraklion, Crete During Winter Time. Springer Atmospheric Sciences, 2017, , 905-910.	0.4	0
121	Short-Term Variability of Fine Inorganic Particulate Matter Over Athens, Greece. Springer Atmospheric Sciences, 2017, , 869-874.	0.4	0
122	Fine Particle Water and PH in an Urban and Remote Location and the Role of Biomass Burning. Springer Atmospheric Sciences, 2017, , 837-843.	0.4	1
123	Characterisation and improvement of α filter radiometers. Atmospheric Measurement Techniques, 2016, 9, 3455-3466.	1.2	10
124	Intercomparison of 15 aerodynamic particle size spectrometers (APS 3321): uncertainties in particle sizing and number size distribution. Atmospheric Measurement Techniques, 2016, 9, 1545-1551.	1.2	39
125	The Potential Impact of Saharan Dust and Polluted Aerosols on Microbial Populations in the East Mediterranean Sea, an Overview of a Mesocosm Experimental Approach. Frontiers in Marine Science, 2016, 3, .	1.2	47
126	Bioavailable atmospheric phosphorous supply to the global ocean: a 3-D global modeling study. Biogeosciences, 2016, 13, 6519-6543.	1.3	60

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127	Aerosol Activity and Hygroscopicity Combined with Lidar Data in the Urban Atmosphere of Athens, Greece in the Frame of the HYGRA_CD Campaign. EPJ Web of Conferences, 2016, 119, 15008.	0.1	0
128	Slant column MAX-DOAS measurements of nitrogen dioxide, formaldehyde, glyoxal and oxygen dimer in the urban environment of Athens. Atmospheric Environment, 2016, 135, 118-131.	1.9	32
129	Air Quality in European Cities. Comprehensive Analytical Chemistry, 2016, 73, 517-542.	0.7	1
130	A European aerosol phenomenology-5: Climatology of black carbon optical properties at 9 regional background sites across Europe. Atmospheric Environment, 2016, 145, 346-364.	1.9	132
131	A European aerosol phenomenology -4: Harmonized concentrations of carbonaceous aerosol at 10 regional background sites across Europe. Atmospheric Environment, 2016, 144, 133-145.	1.9	50
132	Biomass-burning impact on CCN number, hygroscopicity and cloud formation during summertime in the eastern Mediterranean. Atmospheric Chemistry and Physics, 2016, 16, 7389-7409.	1.9	76
133	Long-term visibility variation in Athens (1931â€“2013): a proxy for local and regional atmospheric aerosol loads. Atmospheric Chemistry and Physics, 2016, 16, 11219-11236.	1.9	38
134	Particle water and pH in the eastern Mediterranean: source variability and implications for nutrient availability. Atmospheric Chemistry and Physics, 2016, 16, 4579-4591.	1.9	142
135	Geochemistry of PM ₁₀ over Europe during the EMEP intensive measurement periods in summer 2012 and winter 2013. Atmospheric Chemistry and Physics, 2016, 16, 6107-6129.	1.9	54
136	Long-range transport of Saharan dust and chemical transformations over the Eastern Mediterranean. Atmospheric Environment, 2016, 140, 592-604.	1.9	36
137	Atmospheric composition in the Eastern Mediterranean: Influence of biomass burning during summertime using the WRF-Chem model. Atmospheric Environment, 2016, 132, 317-331.	1.9	31
138	Real-Time, Online Automated System for Measurement of Water-Soluble Reactive Phosphate Ions in Atmospheric Particles. Analytical Chemistry, 2016, 88, 7163-7170.	3.2	7
139	Influence of Atmospheric Processes on the Solubility and Composition of Iron in Saharan Dust. Environmental Science & Technology, 2016, 50, 6912-6920.	4.6	67
140	Variability of ozone in the Eastern Mediterranean during a 7-year study. Air Quality, Atmosphere and Health, 2016, 9, 461-470.	1.5	19
141	Human-Driven Atmospheric Deposition of N and P Controls on the East Mediterranean Marine Ecosystem. Journals of the Atmospheric Sciences, 2016, 73, 1611-1619.	0.6	12
142	Characterization of aerosol episodes in the greater Mediterranean Sea area from satellite observations (2000â€“2007). Atmospheric Environment, 2016, 128, 286-304.	1.9	19
143	Atmospheric Deposition of Macronutrients (Dissolved Inorganic Nitrogen and Phosphorous) onto the Black Sea and Implications on Marine Productivity*. Journals of the Atmospheric Sciences, 2016, 73, 1727-1739.	0.6	7
144	Particulate pollution transport episodes from Eurasia to a remote region of northeast Mediterranean. Atmospheric Environment, 2016, 128, 45-52.	1.9	11

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145	Characterization of aerosols above the Northern Adriatic Sea: Case studies of offshore and onshore wind conditions. <i>Atmospheric Environment</i> , 2016, 132, 153-162.	1.9	14
146	Past, Present, and Future Atmospheric Nitrogen Deposition. <i>Journals of the Atmospheric Sciences</i> , 2016, 73, 2039-2047.	0.6	222
147	Laboratory photochemical processing of aqueous aerosols: formation and degradation of dicarboxylic acids, oxocarboxylic acids and I \pm -dicarbonyls. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 7999-8012.	1.9	41
148	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.	1.9	52
149	A synthesis of cloud condensation nuclei counter (CCNC) measurements within the EUCAARI network. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 12211-12229.	1.9	58
150	Aerosol chemistry above an extended archipelago of the eastern Mediterranean basin during strong northern winds. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 8401-8421.	1.9	13
151	Characteristics, seasonality and sources of inorganic ions and trace metals in North-east Asian aerosols. <i>Environmental Chemistry</i> , 2015, 12, 338.	0.7	16
152	Atmospheric water-soluble organic nitrogen (WSON) over marine environments: a global perspective. <i>Biogeosciences</i> , 2015, 12, 3131-3140.	1.3	26
153	Changes in dissolved iron deposition to the oceans driven by human activity: a 3-D global modelling study. <i>Biogeosciences</i> , 2015, 12, 3973-3992.	1.3	69
154	Airborne mineral components and trace metals in Paris region: spatial and temporal variability. <i>Environmental Science and Pollution Research</i> , 2015, 22, 14663-14672.	2.7	20
155	Physical and chemical processes of air masses in the Aegean Sea during Etesians: Aegean-GAME airborne campaign. <i>Science of the Total Environment</i> , 2015, 506-507, 201-216.	3.9	30
156	Sources of atmospheric aerosol from long-term measurements (5years) of chemical composition in Athens, Greece. <i>Science of the Total Environment</i> , 2015, 527-528, 165-178.	3.9	94
157	PM10 and PM2.5 composition over the Central Black Sea: origin and seasonal variability. <i>Environmental Science and Pollution Research</i> , 2015, 22, 18076-18092.	2.7	14
158	A MSFD complementary approach for the assessment of pressures, knowledge and data gaps in Southern European Seas: The PERSEUS experience. <i>Marine Pollution Bulletin</i> , 2015, 95, 28-39.	2.3	41
159	The risks of acute exposure to black carbon in Southern Europe: results from the MED-PARTICLES project. <i>Occupational and Environmental Medicine</i> , 2015, 72, 123-129.	1.3	46
160	Atmospheric circulation evolution related to desert dust episodes over the Mediterranean. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2015, 141, 1634-1645.	1.0	46
161	P-NEXFS analysis of aerosol phosphorus delivered to the Mediterranean Sea. <i>Geophysical Research Letters</i> , 2014, 41, 4043-4049.	1.5	33
162	Spatial and temporal analysis of black carbon aerosols in Istanbul megacity. <i>Science of the Total Environment</i> , 2014, 473-474, 451-458.	3.9	35

#	ARTICLE	IF	CITATIONS
163	Assessment of PM _{2.5} and PM ₁ chemical profile in a multiple-impacted Mediterranean urban area: Origin, sources and meteorological dependence. <i>Science of the Total Environment</i> , 2014, 479-480, 210-220.	3.9	32
164	Mass closure and source apportionment of PM _{2.5} by Positive Matrix Factorization analysis in urban Mediterranean environment. <i>Atmospheric Environment</i> , 2014, 94, 154-163.	1.9	58
165	Contribution of particulate water to the measured aerosol optical properties of aged aerosol. <i>Atmospheric Environment</i> , 2014, 82, 144-153.	1.9	9
166	On the temporal and spatial variation of ozone in Cyprus. <i>Science of the Total Environment</i> , 2014, 476-477, 677-687.	3.9	66
167	The AeroCom evaluation and intercomparison of organic aerosol in global models. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 10845-10895.	1.9	363
168	Long-term characterization of organic and elemental carbon in the PM _{2.5} fraction: the case of Athens, Greece. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 13313-13325.	1.9	86
169	Processing of biomass-burning aerosol in the eastern Mediterranean during summertime. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 4793-4807.	1.9	133
170	Summertime free-tropospheric ozone pool over the eastern Mediterranean/Middle East. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 115-132.	1.9	131
171	Variations in tropospheric submicron particle size distributions across the European continent 2008–2009. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 4327-4348.	1.9	41
172	Intercomparison and evaluation of global aerosol microphysical properties among AeroCom models of a range of complexity. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 4679-4713.	1.9	148
173	Sources and geographical origins of fine aerosols in Paris (France). <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 8813-8839.	1.9	130
174	Smoke plume characteristics over Greece using space-based multiangle imaging. , 2013, , .		0
175	Mechanisms of Climate Variability, Air Quality and Impacts of Atmospheric Constituents in the Mediterranean Region. <i>Advances in Global Change Research</i> , 2013, , 119-156.	1.6	3
176	Atmospheric deposition of nitrogen and sulfur over southern Europe with focus on the Mediterranean and the Black Sea. <i>Atmospheric Environment</i> , 2013, 81, 660-670.	1.9	43
177	Organic, elemental and water-soluble organic carbon in size segregated aerosols, in the marine boundary layer of the Eastern Mediterranean. <i>Atmospheric Environment</i> , 2013, 64, 251-262.	1.9	67
178	Surface ozone photolysis rate trends in the Eastern Mediterranean: Modeling the effects of aerosols and total column ozone based on Terra MODIS data. <i>Atmospheric Environment</i> , 2013, 74, 1-9.	1.9	24
179	The significance of atmospheric inputs of major and trace metals to the Black Sea. <i>Journal of Marine Systems</i> , 2013, 109-110, 94-102.	0.9	28
180	Atmospheric deposition in the Eastern Mediterranean. A driving force for ecosystem dynamics. <i>Journal of Marine Systems</i> , 2013, 109-110, 78-93.	0.9	41

#	ARTICLE	IF	CITATIONS
181	Air Quality in Urban Environments in the Eastern Mediterranean. Handbook of Environmental Chemistry, 2013, , 219-238.	0.2	2
182	Constraining the water vapor uptake coefficient in ambient cloud droplet formation. AIP Conference Proceedings, 2013, , .	0.3	2
183	Worldwide data sets constrain the water vapor uptake coefficient in cloud formation. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 3760-3764.	3.3	29
184	Chemical composition and hygroscopic properties of aerosol particles over the Aegean Sea. Atmospheric Chemistry and Physics, 2013, 13, 11595-11608.	1.9	31
185	The regime of intense desert dust episodes in the Mediterranean based on contemporary satellite observations and ground measurements. Atmospheric Chemistry and Physics, 2013, 13, 12135-12154.	1.9	103
186	A one-year comprehensive chemical characterisation of fine aerosol (PM _{2.5}) at urban, suburban and rural background sites in the region of Paris (France). Atmospheric Chemistry and Physics, 2013, 13, 7825-7844.	1.9	136
187	Particulate monitoring, modeling, and management: natural sources, long-range transport, and emission control options: a case study of Cyprus. , 2013, , .		1
188	Economic crisis detected from space: Air quality observations over Athens/Greece. Geophysical Research Letters, 2013, 40, 458-463.	1.5	88
189	Downward fluxes of elemental carbon, metals and polycyclic aromatic hydrocarbons in settling particles from the deep Ionian Sea (NESTOR site), Eastern Mediterranean. Biogeosciences, 2013, 10, 4449-4464.	1.3	21
190	Optical Properties of Aerosols Over Athens, Greece, and Their Relation with Chemical Composition. Springer Atmospheric Sciences, 2013, , 1159-1164.	0.4	2
191	Carbonaceous Aerosols Over the Mediterranean and Black Sea. Springer Atmospheric Sciences, 2013, , 1233-1238.	0.4	1
192	Physical and Chemical Processes of Polluted Air Masses During Etesians: Aegean-Game Airborne Campaign – An Outline. Springer Atmospheric Sciences, 2013, , 1239-1244.	0.4	4
193	Composition and Mass Closure of PM _{2.5} in Urban Environment (Athens, Greece). Aerosol and Air Quality Research, 2013, 13, 72-82.	0.9	50
194	Air Pollution in Eastern Mediterranean: Nested-Grid GEOS-CHEM Model Results and Airborne Observations. Springer Atmospheric Sciences, 2013, , 1203-1209.	0.4	0
195	Properties of Aged Aerosols in the Eastern Mediterranean. Springer Atmospheric Sciences, 2013, , 1181-1187.	0.4	0
196	Drivers of Air Quality in the East Mediterranean. Springer Atmospheric Sciences, 2013, , 1019-1024.	0.4	0
197	Aerosol Size over the Broader Greek Area Based on Satellite and Ground Measurements. Springer Atmospheric Sciences, 2013, , 1055-1061.	0.4	0
198	Night-time enhanced atmospheric ion concentrations in the marine boundary layer. Atmospheric Chemistry and Physics, 2012, 12, 3627-3638.	1.9	25

#	ARTICLE	IF	CITATIONS
199	The direct effect of aerosols on solar radiation over the broader Mediterranean basin. Atmospheric Chemistry and Physics, 2012, 12, 7165-7185.	1.9	100
200	Impacts on iron solubility in the mineral dust by processes in the source region and the atmosphere: A review. Aeolian Research, 2012, 5, 21-42.	1.1	228
201	Physico-chemical characteristics of particulate matter in the Eastern Mediterranean. Atmospheric Research, 2012, 106, 93-107.	1.8	36
202	New particle formation at a remote site in the eastern Mediterranean. Journal of Geophysical Research, 2012, 117, .	3.3	50
203	Factors affecting O ₃ and NO ₂ photolysis frequencies measured in the eastern Mediterranean during the five-year period 2002–2006. Journal of Geophysical Research, 2012, 117, .	3.3	23
204	Impact of the 2009 Attica wild fires on the air quality in urban Athens. Atmospheric Environment, 2012, 46, 536-544.	1.9	50
205	Summertime aerosol chemical composition in the Eastern Mediterranean and its sensitivity to temperature. Atmospheric Environment, 2012, 50, 164-173.	1.9	47
206	Influence of mineral dust transport on the chemical composition and physical properties of the Eastern Mediterranean aerosol. Atmospheric Environment, 2012, 57, 266-277.	1.9	41
207	Carbonaceous and ionic compositional patterns of fine particles over an urban Mediterranean area. Science of the Total Environment, 2012, 424, 251-263.	3.9	40
208	Long term measurements of atmospheric aerosol optical properties in the Eastern Mediterranean. Atmospheric Research, 2011, 102, 351-357.	1.8	18
209	Mass and chemical composition of size-segregated aerosols (PM ₁₀ , PM _{2.5} , PM _{10-2.5}) Tj ETQq1 1 0,784314 rgrBT /Overd Atmospheric Chemistry and Physics, 2011, 11, 11895-11911.	1.9	129
210	Water content of aged aerosol. Atmospheric Chemistry and Physics, 2011, 11, 911-920.	1.9	116
211	Primary versus secondary contributions to particle number concentrations in the European boundary layer. Atmospheric Chemistry and Physics, 2011, 11, 12007-12036.	1.9	110
212	Sources and atmospheric processing of organic aerosol in the Mediterranean: insights from aerosol mass spectrometer factor analysis. Atmospheric Chemistry and Physics, 2011, 11, 12499-12515.	1.9	44
213	Hygroscopic properties of atmospheric aerosol particles over the Eastern Mediterranean: implications for regional direct radiative forcing under clean and polluted conditions. Atmospheric Chemistry and Physics, 2011, 11, 4251-4271.	1.9	81
214	In-cloud oxalate formation in the global troposphere: a 3-D modeling study. Atmospheric Chemistry and Physics, 2011, 11, 5761-5782.	1.9	218
215	Atmospheric acidification of mineral aerosols: a source of bioavailable phosphorus for the oceans. Atmospheric Chemistry and Physics, 2011, 11, 6265-6272.	1.9	156
216	Size-resolved CCN distributions and activation kinetics of aged continental and marine aerosol. Atmospheric Chemistry and Physics, 2011, 11, 8791-8808.	1.9	83

#	ARTICLE	IF	CITATIONS
217	Aerosol shortwave direct radiative effect and forcing based on MODIS Level 2 data in the Eastern Mediterranean (Crete). <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 12647-12662.	1.9	26
218	Number size distributions and seasonality of submicron particles in Europe 2008–2009. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 5505-5538.	1.9	214
219	Urea: An important piece of Water Soluble Organic Nitrogen (WSON) over the Eastern Mediterranean. <i>Science of the Total Environment</i> , 2011, 409, 4796-4801.	3.9	22
220	Iron solubility in crustal and anthropogenic aerosols: The Eastern Mediterranean as a case study. <i>Marine Chemistry</i> , 2011, 126, 229-238.	0.9	19
221	Particulate matter (PM ₁₀) in Istanbul: Origin, source areas and potential impact on surrounding regions. <i>Atmospheric Environment</i> , 2011, 45, 6891-6900.	1.9	96
222	Ion composition of coarse and fine particles in Iasi, north-eastern Romania: Implications for aerosols chemistry in the area. <i>Atmospheric Environment</i> , 2011, 45, 906-916.	1.9	29
223	Megacities as hot spots of air pollution in the East Mediterranean. <i>Atmospheric Environment</i> , 2011, 45, 1223-1235.	1.9	239
224	Dynamics of Atmospheric Aerosol Number Size Distributions in the Eastern Mediterranean During the "SUB-AERO" Project. <i>Water, Air, and Soil Pollution</i> , 2011, 214, 133-146.	1.1	7
225	EUCAARI ion spectrometer measurements at 12 European sites – analysis of new particle formation events. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 7907-7927.	1.9	248
226	Measurement of the ambient organic aerosol volatility distribution: application during the Finokalia Aerosol Measurement Experiment (FAME-2008). <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 12149-12160.	1.9	81
227	Aged organic aerosol in the Eastern Mediterranean: the Finokalia Aerosol Measurement Experiment "2008. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 4167-4186.	1.9	132
228	The Finokalia Aerosol Measurement Experiment "2008 (FAME-08): an overview. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 6793-6806.	1.9	61
229	The significance of atmospheric inputs of soluble and particulate major and trace metals to the eastern Mediterranean seawater. <i>Marine Chemistry</i> , 2010, 120, 154-163.	0.9	62
230	Aerosol chemical composition over Istanbul. <i>Science of the Total Environment</i> , 2010, 408, 2482-2491.	3.9	79
231	Chemical composition and mass closure of ambient PM ₁₀ at urban sites. <i>Atmospheric Environment</i> , 2010, 44, 2231-2239.	1.9	155
232	Study of a winter PM episode in Istanbul using the high resolution WRF/CMAQ modeling system. <i>Atmospheric Environment</i> , 2010, 44, 3085-3094.	1.9	61
233	Water-soluble organic nitrogen (WSON) in size-segregated atmospheric particles over the Eastern Mediterranean. <i>Atmospheric Environment</i> , 2010, 44, 4339-4345.	1.9	82
234	Iron speciation, solubility and temporal variability in wet and dry deposition in the Eastern Mediterranean. <i>Marine Chemistry</i> , 2010, 120, 100-107.	0.9	49

#	ARTICLE	IF	CITATIONS
235	Variability of atmospheric deposition of dissolved nitrogen and phosphorus in the Mediterranean and possible link to the anomalous seawater N/P ratio. <i>Marine Chemistry</i> , 2010, 120, 187-194.	0.9	152
236	Long-term measurements of dissolved organic nitrogen (DON) in atmospheric deposition in the Eastern Mediterranean: Fluxes, origin and biogeochemical implications. <i>Marine Chemistry</i> , 2010, 120, 179-186.	0.9	78
237	Atmospheric nutrient inputs to the northern levantine basin from a long-term observation: sources and comparison with riverine inputs. <i>Biogeosciences</i> , 2010, 7, 4037-4050.	1.3	64
238	An Assessment of the Efficiency of Dust Regional Modelling to Predict Saharan Dust Transport Episodes. <i>Advances in Meteorology</i> , 2010, 2010, 1-9.	0.6	22
239	Explaining global surface aerosol number concentrations in terms of primary emissions and particle formation. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 4775-4793.	1.9	212
240	Global Modeling of the Oceanic Source of Organic Aerosols. <i>Advances in Meteorology</i> , 2010, 2010, 1-16.	0.6	93
241	External N inputs and internal N cycling traced by isotope ratios of nitrate, dissolved reduced nitrogen, and particulate nitrogen in the eastern Mediterranean Sea. <i>Journal of Geophysical Research</i> , 2010, 115, .	3.3	23
242	Formation of highly oxygenated organic aerosol in the atmosphere: Insights from the Finokalia Aerosol Measurement Experiments. <i>Geophysical Research Letters</i> , 2010, 37, .	1.5	46
243	Aerosol events in the broader Mediterranean basin based on 7-year (2000-2007) MODIS C005 data. <i>Annales Geophysicae</i> , 2009, 27, 3509-3522.	0.6	55
244	African dust contributions to mean ambient PM10 mass-levels across the Mediterranean Basin. <i>Atmospheric Environment</i> , 2009, 43, 4266-4277.	1.9	375
245	C2-C8 NMHCs over the Eastern Mediterranean: Seasonal variation and impact on regional oxidation chemistry. <i>Atmospheric Environment</i> , 2009, 43, 5611-5621.	1.9	36
246	Origin and source regions of PM10 in the Eastern Mediterranean atmosphere. <i>Atmospheric Research</i> , 2009, 92, 464-474.	1.8	56
247	Isotopic composition of nitrate in wet and dry atmospheric deposition on Crete in the eastern Mediterranean Sea. <i>Global Biogeochemical Cycles</i> , 2009, 23, .	1.9	43
248	Natural versus anthropogenic aerosols in the eastern Mediterranean basin derived from multiyear TOMS and MODIS satellite data. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	69
249	Assessment of the MODIS Collections C005 and C004 aerosol optical depth products over the Mediterranean basin. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 2987-2999.	1.9	80
250	Cloud condensation nuclei measurements in the marine boundary layer of the Eastern Mediterranean: CCN closure and droplet growth kinetics. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 7053-7066.	1.9	150
251	Variability in regional background aerosols within the Mediterranean. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 4575-4591.	1.9	210
252	What can we learn about ship emission inventories from measurements of air pollutants over the Mediterranean Sea?. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 6815-6831.	1.9	58

#	ARTICLE	IF	CITATIONS
253	Size Distribution of Inorganic Species and Their Inhaled Dose in a Detergent Industrial Workplace. <i>Water, Air and Soil Pollution</i> , 2008, 8, 71-76.	0.8	5
254	PM10 and PM2.5 Levels in the Eastern Mediterranean (Akrotiri Research Station, Crete, Greece). <i>Water, Air, and Soil Pollution</i> , 2008, 189, 85-101.	1.1	55
255	Factors affecting the seasonal variation of mass and ionic composition of PM2.5 at a central Mediterranean coastal site. <i>Atmospheric Environment</i> , 2008, 42, 5365-5373.	1.9	60
256	Chemical composition and sources of fine and coarse aerosol particles in the Eastern Mediterranean. <i>Atmospheric Environment</i> , 2008, 42, 6542-6550.	1.9	191
257	An investigation of the meteorological and photochemical factors influencing the background rural and marine surface ozone levels in the Central and Eastern Mediterranean. <i>Atmospheric Environment</i> , 2008, 42, 7894-7906.	1.9	81
258	Spatial and temporal variability in aerosol properties over the Mediterranean basin based on 6-year (2000-2006) MODIS data. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	139
259	Photolysis frequency measurement techniques: results of a comparison within the ACCENT project. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 5373-5391.	1.9	99
260	Long-term measurements of carbonaceous aerosols in the Eastern Mediterranean: evidence of long-range transport of biomass burning. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 5551-5563.	1.9	170
261	Particle size distributions in the Eastern Mediterranean troposphere. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 6729-6738.	1.9	38
262	Chapter 5.7 Radiative effects of natural PMs on photochemical processes in the Mediterranean Region. <i>Developments in Environmental Science</i> , 2007, , 548-559.	0.5	1
263	Tropospheric OH and Cl levels deduced from non-methane hydrocarbon measurements in a marine site. <i>Atmospheric Chemistry and Physics</i> , 2007, 7, 4661-4673.	1.9	29
264	Size-segregated mass distributions of aerosols over Eastern Mediterranean: seasonal variability and comparison with AERONET columnar size-distributions. <i>Atmospheric Chemistry and Physics</i> , 2007, 7, 2551-2561.	1.9	82
265	Two-years of NO ₃ radical observations in the boundary layer over the Eastern Mediterranean. <i>Atmospheric Chemistry and Physics</i> , 2007, 7, 315-327.	1.9	60
266	Evidence of gravity waves into the atmosphere during the March 2006 total solar eclipse. <i>Atmospheric Chemistry and Physics</i> , 2007, 7, 4943-4951.	1.9	48
267	Effects on surface atmospheric photo-oxidants over Greece during the total solar eclipse event of 29 March 2006. <i>Atmospheric Chemistry and Physics</i> , 2007, 7, 6061-6073.	1.9	27
268	Dust transport over the eastern Mediterranean derived from Total Ozone Mapping Spectrometer, Aerosol Robotic Network, and surface measurements. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	133
269	Isoprene above the Eastern Mediterranean: Seasonal variation and contribution to the oxidation capacity of the atmosphere. <i>Atmospheric Environment</i> , 2007, 41, 1002-1010.	1.9	90
270	Contributions of natural sources to high PM10 and PM2.5 events in the eastern Mediterranean. <i>Atmospheric Environment</i> , 2007, 41, 3806-3818.	1.9	114

#	ARTICLE	IF	CITATIONS
271	Formation of particulate sulfur species (sulfate and methanesulfonate) during summer over the Eastern Mediterranean: A modelling approach. <i>Atmospheric Environment</i> , 2007, 41, 6860-6871.	1.9	66
272	Chemical composition of the fine and coarse fraction of aerosols in the northeastern Mediterranean. <i>Atmospheric Environment</i> , 2007, 41, 7351-7368.	1.9	150
273	Chemical composition of rainwater in the northeastern Romania, Iasi region (2003-2006). <i>Atmospheric Environment</i> , 2007, 41, 9452-9467.	1.9	61
274	Indoor and outdoor PM mass and number concentrations at schools in the Athens area. <i>Environmental Monitoring and Assessment</i> , 2007, 136, 13-20.	1.3	108
275	Formation of HNO ₃ and NO ₃ ⁻ in the anthropogenically-influenced eastern Mediterranean marine boundary layer. <i>Geophysical Research Letters</i> , 2006, 33, .	1.5	37
276	Dimethyl Sulfide and Dimethyl Sulfoxide and Their Oxidation in the Atmosphere. <i>Chemical Reviews</i> , 2006, 106, 940-975.	23.0	412
277	Optical characteristics of desert dust over the East Mediterranean during summer: a case study. <i>Annales Geophysicae</i> , 2006, 24, 807-821.	0.6	51
278	Aerosol physical and optical properties in the Eastern Mediterranean Basin, Crete, from Aerosol Robotic Network data. <i>Atmospheric Chemistry and Physics</i> , 2006, 6, 5399-5413.	1.9	97
279	Importance of mineral cations and organics in gas-aerosol partitioning of reactive nitrogen compounds: case study based on MINOS results. <i>Atmospheric Chemistry and Physics</i> , 2006, 6, 2549-2567.	1.9	127
280	Optical properties of aerosols over the eastern Mediterranean. <i>Atmospheric Environment</i> , 2006, 40, 6229-6244.	1.9	39
281	Dynamics of fine particles and photo-oxidants in the Eastern Mediterranean (SUB-AERO). <i>Atmospheric Environment</i> , 2006, 40, 6214-6228.	1.9	44
282	Photochemical ozone production in the Eastern Mediterranean. <i>Atmospheric Environment</i> , 2006, 40, 3057-3069.	1.9	88
283	Modelling and evaluation of size-resolved aerosol characteristics in the Eastern Mediterranean during the SUB-AERO project. <i>Atmospheric Environment</i> , 2006, 40, 6261-6275.	1.9	10
284	Size distribution, composition and origin of the submicron aerosol in the marine boundary layer during the eastern Mediterranean SUB-AERO experiment. <i>Atmospheric Environment</i> , 2006, 40, 6245-6260.	1.9	57
285	Origin and variability of particulate matter (PM ₁₀) mass concentrations over the Eastern Mediterranean. <i>Atmospheric Environment</i> , 2006, 40, 4679-4690.	1.9	199
286	Aerosol mass closure and reconstruction of the light scattering coefficient over the Eastern Mediterranean Sea during the MINOS campaign. <i>Atmospheric Chemistry and Physics</i> , 2005, 5, 2253-2265.	1.9	148
287	Speciation of Sulfur. , 2005, , 378-407.		1
288	The net effect of ultraviolet radiation on atmospheric dimethylsulphide over the Southern Indian Ocean. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2005, 363, 187-189.	1.6	3

#	ARTICLE	IF	CITATIONS
289	Seasonal variability of optical properties of aerosols in the Eastern Mediterranean. <i>Atmospheric Environment</i> , 2005, 39, 7083-7094.	1.9	93
290	Analysis of Air Quality Observations with the Aid of the Source-Receptor Relationship Approach. <i>Journal of the Air and Waste Management Association</i> , 2005, 55, 523-535.	0.9	8
291	Ozone variability in the marine boundary layer of the eastern Mediterranean based on 7-year observations. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	99
292	Ionic composition of lower tropospheric aerosols at a Northeastern Mediterranean site: implications regarding sources and long-range transport. <i>Atmospheric Environment</i> , 2004, 38, 2067-2077.	1.9	111
293	A European aerosol phenomenologyâ€”2: chemical characteristics of particulate matter at kerbside, urban, rural and background sites in Europe. <i>Atmospheric Environment</i> , 2004, 38, 2579-2595.	1.9	801
294	Spatial, Temporal and Interannual Variability of Methanesulfonate and Non-Sea-Salt Sulfate in Rainwater in the Southern Indian Ocean (Amsterdam, Crozet and Kerguelen Islands). <i>Journal of Atmospheric Chemistry</i> , 2004, 48, 35-57.	1.4	7
295	Role of the NO<sub>3</sub> radicals in oxidation processes in the eastern Mediterranean troposphere during the MINOS campaign. <i>Atmospheric Chemistry and Physics</i> , 2004, 4, 169-182.	1.9	106
296	Online mass spectrometric aerosol measurements during the MINOS campaign (Crete, August 2001). <i>Atmospheric Chemistry and Physics</i> , 2004, 4, 65-80.	1.9	34
297	Chemical composition of size-resolved atmospheric aerosols in the eastern Mediterranean during summer and winter. <i>Atmospheric Environment</i> , 2003, 37, 195-208.	1.9	274
298	Variability of atmospheric dimethylsulphide over the southern Indian Ocean due to changes in ultraviolet radiation. <i>Global Biogeochemical Cycles</i> , 2003, 17, n/a-n/a.	1.9	9
299	Atmospheric deposition of inorganic phosphorus in the Levantine Basin, eastern Mediterranean: Spatial and temporal variability and its role in seawater productivity. <i>Limnology and Oceanography</i> , 2003, 48, 1557-1568.	1.6	166
300	Inorganic bromine in the marine boundary layer: a critical review. <i>Atmospheric Chemistry and Physics</i> , 2003, 3, 1301-1336.	1.9	243
301	Aerosol sources and their contribution to the chemical composition of aerosols in the Eastern Mediterranean Sea during summertime. <i>Atmospheric Chemistry and Physics</i> , 2003, 3, 291-302.	1.9	157
302	OH in the coastal boundary layer of Crete during MINOS: Measurements and relationship with ozone photolysis. <i>Atmospheric Chemistry and Physics</i> , 2003, 3, 639-649.	1.9	86
303	Ground-based PTR-MS measurements of reactive organic compounds during the MINOS campaign in Crete, Julyâ€“August 2001. <i>Atmospheric Chemistry and Physics</i> , 2003, 3, 925-940.	1.9	73
304	Characterization of carbonaceous aerosols during the MINOS campaign in Crete, Julyâ€“August 2001: a multi-analytical approach. <i>Atmospheric Chemistry and Physics</i> , 2003, 3, 1743-1757.	1.9	62
305	Gaseous (DMS, MSA, SO<sub>2</sub>,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 112 Td (H<sub>2</sub>O<sub>2</sub>) particulate (sulfate and methanesulfonate) sulfur species over the northeastern coast of Crete. <i>Atmospheric Chemistry and Physics</i> , 2003, 3, 1871-1886.	1.9	86
306	Size resolved mass concentration and elemental composition of atmospheric aerosols over the Eastern Mediterranean area. <i>Atmospheric Chemistry and Physics</i> , 2003, 3, 2207-2216.	1.9	50

#	ARTICLE	IF	CITATIONS
307	Influence of Black Sea and local biogenic activity on the seasonal variation of aerosol sulfur species in the eastern Mediterranean atmosphere. <i>Global Biogeochemical Cycles</i> , 2002, 16, 27-1-27-15.	1.9	25
308	Formation of Methane Sulfinic Acid in the Gas-Phase OH-Radical Initiated Oxidation of Dimethyl Sulfoxide. <i>Environmental Science & Technology</i> , 2002, 36, 5155-5163.	4.6	53
309	Global Air Pollution Crossroads over the Mediterranean. <i>Science</i> , 2002, 298, 794-799.	6.0	920
310	Spatial and temporal variability of tropospheric ozone (O ₃) in the boundary layer above the Aegean Sea (eastern Mediterranean). <i>Journal of Geophysical Research</i> , 2002, 107, PAU 4-1.	3.3	76
311	Regional levels of ozone in the troposphere over eastern Mediterranean. <i>Journal of Geophysical Research</i> , 2002, 107, PAU 7-1.	3.3	74
312	Chemical, physical, and optical characterization of aerosols during PAUR II experiment. <i>Journal of Geophysical Research</i> , 2002, 107, PAU 8-1.	3.3	53
313	Seasonal variation of dimethylsulfide in the gas phase and of methanesulfonate and non-sea-salt sulfate in the aerosols phase in the Eastern Mediterranean atmosphere. <i>Atmospheric Environment</i> , 2002, 36, 929-938.	1.9	92
314	Formaldehyde in the rainwater in the eastern Mediterranean: occurrence, deposition and contribution to organic carbon budget. <i>Atmospheric Environment</i> , 2002, 36, 1337-1347.	1.9	39
315	Kinetics and mechanism of the oxidation of dimethylsulfoxide (DMSO) and methanesulfinate (MSI [•]) by OH radicals in aqueous medium. <i>Atmospheric Environment</i> , 2002, 36, 4627-4634.	1.9	94
316	Interannual variability of methanesulfonate in rainwater at Amsterdam Island (Southern Indian) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	1.9	6
317	Spatial and temporal variability of dissolved sulfur compounds in European estuaries. <i>Biogeochemistry</i> , 2002, 59, 121-141.	1.7	27
318	Sulfur budget above the Eastern Mediterranean: relative contribution of anthropogenic and biogenic sources. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2002, 54, 201-212.	0.8	28
319	On the importance of atmospheric inputs of inorganic nitrogen species on the productivity of the Eastern Mediterranean Sea. <i>Global Biogeochemical Cycles</i> , 2001, 15, 805-817.	1.9	101
320	Short-Term Variability of Atmospheric DMS and Its Oxidation Products at Amsterdam Island during Summer Time. <i>Journal of Atmospheric Chemistry</i> , 2001, 39, 281-302.	1.4	38
321	Ambient isoprene and monoterpene concentrations in a Greek fir (<i>Abies Borisii-regis</i>) forest. Reconciliation with emissions measurements and effects on measured OH concentrations. <i>Atmospheric Environment</i> , 2001, 35, 4699-4711.	1.9	56
322	Comment on "Formation of new particles in the gas-phase ozonolysis of monoterpenes" by Koch et al. (<i>Atmospheric Environment</i> 34 (2000) 4031-4042). <i>Atmospheric Environment</i> , 2001, 35, 4523-4524.	1.9	1
323	Vertical distribution of carbonyl sulfide in a eucalyptus forest. <i>Chemosphere</i> , 2001, 3, 275-282.	1.2	5
324	OXIDATION OF DIMETHYLSULFOXIDE (DMSO) BY OH RADICALS IN AQUEOUS MEDIUM.. <i>Journal of Aerosol Science</i> , 2001, 32, 291-292.	1.8	3

#	ARTICLE	IF	CITATIONS
325	A new technique for sampling and analysis of atmospheric dimethylsulfoxide (DMSO). Atmospheric Environment, 2000, 34, 151-156.	1.9	19
326	Formation of biogenic secondary organic aerosol. Journal of Aerosol Science, 2000, 31, 172-173.	1.8	2
327	Interannual variability of atmospheric dimethylsulfide in the southern Indian Ocean. Journal of Geophysical Research, 2000, 105, 26369-26377.	3.3	52
328	An Atlantic meridional transect of surface water dimethyl sulfide concentrations with 10-15 km horizontal resolution and close examination of ocean circulation. Journal of Geophysical Research, 2000, 105, 14423-14431.	3.3	14
329	Carboxylic acids in gas and particulate phase above the Atlantic Ocean. Journal of Geophysical Research, 2000, 105, 14459-14471.	3.3	162
330	Temporal variations of surface regional background ozone over Crete Island in the southeast Mediterranean. Journal of Geophysical Research, 2000, 105, 4399-4407.	3.3	149
331	Isotopic composition of sulfur in size-resolved marine aerosols above the Atlantic Ocean. Journal of Geophysical Research, 2000, 105, 14449-14457.	3.3	27
332	Spatial and temporal variability of atmospheric sulfur-containing gases and particles during the Albatross campaign. Journal of Geophysical Research, 2000, 105, 14433-14448.	3.3	32
333	Diurnal and seasonal variation of atmospheric dimethylsulfoxide at Amsterdam Island in the southern Indian Ocean. Journal of Geophysical Research, 2000, 105, 17257-17265.	3.3	39
334	Seasonal and Latitudinal Variations of Dimethylsulfide Emissions from the North-East Atlantic Ocean. , 2000, , 148-162.		0
335	Title is missing!. Journal of Atmospheric Chemistry, 1999, 32, 357-373.	1.4	24
336	Dimethylsulfide and its oxidation products at two sites in Brittany (France). Atmospheric Environment, 1999, 33, 647-659.	1.9	27
337	Formation and gas/particle partitioning of monoterpenes photo-oxidation products over forests. Geophysical Research Letters, 1999, 26, 55-58.	1.5	129
338	A global database of sea surface dimethylsulfide (DMS) measurements and a procedure to predict sea surface DMS as a function of latitude, longitude, and month. Global Biogeochemical Cycles, 1999, 13, 399-444.	1.9	552
339	Secondary Organic Aerosol Formation vs Primary Organic Aerosol Emission: A In Situ Evidence for the Chemical Coupling between Monoterpene Acidic Photooxidation Products and New Particle Formation over Forests. Environmental Science & Technology, 1999, 33, 1028-1037.	4.6	120
340	Title is missing!. Journal of Atmospheric Chemistry, 1998, 30, 229-240.	1.4	25
341	Formation of atmospheric particles from organic acids produced by forests. Nature, 1998, 395, 683-686.	13.7	457
342	FT-IR product study of the OH-initiated oxidation of DMS in the presence of NOx. Atmospheric Environment, 1998, 33, 25-35.	1.9	48

#	ARTICLE	IF	CITATIONS
343	Dust and lead in rainwaters of crete. Journal of Aerosol Science, 1997, 28, S579-S580.	1.8	5
344	Tropospheric aerosol ionic composition in the Eastern Mediterranean region. Tellus, Series B: Chemical and Physical Meteorology, 1997, 49, 314-326.	0.8	188
345	Carbonyl sulfide emissions from biomass burning in the tropics. Journal of Atmospheric Chemistry, 1995, 22, 55-65.	1.4	30
346	CH4 and CO emissions from rice straw burning in South East Asia. Environmental Monitoring and Assessment, 1994, 31-31, 131-137.	1.3	14
347	An FTIR product study of the photooxidation of dimethyl disulfide. Journal of Atmospheric Chemistry, 1994, 18, 267-289.	1.4	154
348	Rice straw burning in Southeast Asia as a source of CO and COS to the atmosphere. Journal of Geophysical Research, 1994, 99, 16435.	3.3	26
349	Seasonal variation of methanesulfonic acid in precipitation at Amsterdam island in the southern Indian Ocean. Atmospheric Environment Part A General Topics, 1993, 27, 2069-2073.	1.3	10
350	Dimethylsulfide, aerosols, and condensation nuclei over the tropical northeastern Atlantic Ocean. Journal of Geophysical Research, 1993, 98, 14863-14871.	3.3	47
351	Sulfur Gas Emissions from African Savanna-Burning. , 1993, , 209-220.		2
352	FTIR Product Study of the Photolysis of CH3SSCH3: Reactions of the CH3S Radical. , 1993, , 197-210.		4
353	Field study of dimethylsulfide oxidation in the boundary layer: Variations of dimethylsulfide, methanesulfonic acid, sulfur dioxide, non-sea-salt sulfate and aitken nuclei at a coastal site. Journal of Atmospheric Chemistry, 1992, 14, 459-477.	1.4	42
354	The oceanic source of carbonyl sulfide (COS). Atmospheric Environment Part A General Topics, 1992, 26, 1383-1394.	1.3	43
355	Infrared absorption spectra and integrated band intensities for gaseous methanesulphonic acid (MSA). Atmospheric Environment Part A General Topics, 1992, 26, 807-812.	1.3	13
356	Atmospheric trace compounds at a European coastal site—application to CO2, CH4 and COS flux determinations. Atmospheric Environment Part A General Topics, 1992, 26, 145-157.	1.3	10
357	Sulfur gases and aerosols in and above the equatorial African rain forest. Journal of Geophysical Research, 1992, 97, 6207-6217.	3.3	35
358	Covariations in oceanic dimethyl sulfide, its oxidation products and rain acidity at Amsterdam Island in the Southern Indian Ocean. Journal of Atmospheric Chemistry, 1992, 15, 39-53.	1.4	93
359	Seasonal variations of atmospheric sulfur dioxide and dimethylsulfide concentrations at Amsterdam Island in the southern Indian Ocean. Journal of Atmospheric Chemistry, 1992, 15, 117-131.	1.4	56
360	Annual variation of atmospheric carbonyl sulfide in the marine atmosphere in the Southern Indian Ocean. Journal of Atmospheric Chemistry, 1991, 13, 73-82.	1.4	33

#	ARTICLE	IF	CITATIONS
361	Production of dimethylsulfonium propionate (DMSP) and dimethylsulfide (DMS) by a microbial food web. <i>Limnology and Oceanography</i> , 1990, 35, 1810-1821.	1.6	107
362	Seasonal variation of atmospheric dimethylsulfide at Amsterdam Island in the southern Indian Ocean. <i>Journal of Atmospheric Chemistry</i> , 1990, 11, 123-141.	1.4	81
363	³ He and methane in the Gulf of Aden. <i>Geochimica Et Cosmochimica Acta</i> , 1990, 54, 111-116.	1.6	28
364	Field observations of carbonyl sulfide deficit near the ground: Possible implication of vegetation. <i>Atmospheric Environment</i> , 1989, 23, 2159-2166.	1.1	39
365	Dimethyl sulfide production during natural phytoplanktonic blooms. <i>Marine Chemistry</i> , 1988, 24, 133-141.	0.9	148
366	The supersaturation of carbonyl sulfide (OCS) in rain waters. <i>Atmospheric Environment</i> , 1967, 21, 1363-1367.	1.1	24