

StÃ©phane Sauvage

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

1,594
citations

279798

23
h-index

345221

36
g-index

62
all docs

62
docs citations

62
times ranked

1959
citing authors

#	ARTICLE	IF	CITATIONS
1	Variability and sources of NMHCs at a coastal urban location in the Piraeus Port, Greece. Atmospheric Pollution Research, 2022, 13, 101386.	3.8	4
2	Atmospheric reactivity of biogenic volatile organic compounds in a maritime pine forest during the LANDEX episode 1 field campaign. Science of the Total Environment, 2021, 756, 144129.	8.0	7
3	Seasonal variation and origins of volatile organic compounds observed during 2 years at a western Mediterranean remote background site (Ersa, Cape Corsica). Atmospheric Chemistry and Physics, 2021, 21, 1449-1484.	4.9	17
4	Molecular characterization of gaseous and particulate oxygenated compounds at a remote site in Cape Corsica in the western Mediterranean Basin. Atmospheric Chemistry and Physics, 2021, 21, 8067-8088.	4.9	5
5	Role of Criegee intermediates in the formation of sulfuric acid at a Mediterranean (Cape Corsica) site under influence of biogenic emissions. Atmospheric Chemistry and Physics, 2021, 21, 13333-13351.	4.9	6
6	Variability and sources of non-methane hydrocarbons at a Mediterranean urban atmosphere: The role of biomass burning and traffic emissions. Science of the Total Environment, 2021, 800, 149389.	8.0	10
7	Yearlong measurements of monoterpenes and isoprene in a Mediterranean city (Athens): Natural vs anthropogenic origin. Atmospheric Environment, 2020, 243, 117803.	4.1	19
8	Variability of hydroxyl radical (OH) reactivity in the Landes maritime pine forest: results from the LANDEX campaign 2017. Atmospheric Chemistry and Physics, 2020, 20, 1277-1300.	4.9	11
9	Anthropogenic VOCs in Abidjan, southern West Africa: from source quantification to atmospheric impacts. Atmospheric Chemistry and Physics, 2019, 19, 11721-11741.	4.9	30
10	Characterizing the regional contribution to PM10 pollution over northern France using two complementary approaches: Chemistry transport and trajectory-based receptor models. Atmospheric Research, 2019, 223, 1-14.	4.1	13
11	Spatial and temporal variability of BTEX in Paris megacity: Two-wheelers as a major driver. Atmospheric Environment: X, 2019, 1, 100003.	1.4	3
12	Optimization of a gas chromatographic unit for measuring biogenic volatile organic compounds in ambient air. Atmospheric Measurement Techniques, 2019, 12, 6153-6171.	3.1	20
13	Composition and variability of gaseous organic pollution in the port megacity of Istanbul: source attribution, emission ratios, and inventory evaluation. Atmospheric Chemistry and Physics, 2019, 19, 15131-15156.	4.9	28
14	Discrepancy between simulated and observed ethane and propane levels explained by underestimated fossil emissions. Nature Geoscience, 2018, 11, 178-184.	12.9	56
15	Non-methane hydrocarbon variability in Athens during wintertime: the role of traffic and heating. Atmospheric Chemistry and Physics, 2018, 18, 16139-16154.	4.9	25
16	Field measurements of methylglyoxal using proton transfer reaction time-of-flight mass spectrometry and comparison to the DNPH-HPLC-UV method. Atmospheric Measurement Techniques, 2018, 11, 5729-5740.	3.1	12
17	Driving parameters of biogenic volatile organic compounds and consequences on new particle formation observed at an eastern Mediterranean background site. Atmospheric Chemistry and Physics, 2018, 18, 14297-14325.	4.9	33
18	Simulation of fine organic aerosols in the western Mediterranean area during the ChArMEx 2013 summer campaign. Atmospheric Chemistry and Physics, 2018, 18, 7287-7312.	4.9	27

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19	Investigation of the geographical origins of PM10 based on long, medium and short-range air mass back-trajectories impacting Northern France during the period 2009–2013. <i>Atmospheric Environment</i> , 2018, 193, 143-152.	4.1	14
20	Quantitative cancer risk assessment and local mortality burden for ambient air pollution in an eastern Mediterranean City. <i>Environmental Science and Pollution Research</i> , 2017, 24, 14151-14162.	5.3	20
21	Assessing temporal trends of trace metal concentrations in mosses over France between 1996 and 2011: A flexible and robust method to account for heterogeneous sampling strategies. <i>Environmental Pollution</i> , 2017, 220, 828-836.	7.5	8
22	Spatial analysis of trace elements in a moss bio-monitoring data over France by accounting for source, protocol and environmental parameters. <i>Science of the Total Environment</i> , 2017, 590-591, 602-610.	8.0	30
23	Influence of local production and vertical transport on the organic aerosol budget over Paris. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 8276-8296.	3.3	12
24	Summertime OH reactivity from a receptor coastal site in the Mediterranean Basin. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 12645-12658.	4.9	21
25	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
26	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
27	Composition of gaseous organic carbon during ECOCEM in Beirut, Lebanon: new observational constraints for VOC anthropogenic emission evaluation in the Middle East. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 193-209.	4.9	15
28	Assessment of the uncertainty of trace metal and nitrogen concentrations in mosses due to sampling, sample preparation and chemical analysis based on the French contribution to ICP-Vegetation. <i>Ecological Indicators</i> , 2016, 71, 20-31.	6.3	18
29	Variability of mineral dust deposition in the western Mediterranean basin and south-east of France. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 8749-8766.	4.9	51
30	Seasonal variability and source apportionment of volatile organic compounds (VOCs) in the Paris megacity (France). <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 11961-11989.	4.9	152
31	Source apportionment vs. emission inventories of non-methane hydrocarbons (NMHC) in an urban area of the Middle East: local and global perspectives. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 3595-3607.	4.9	43
32	Contrasted spatial and long-term trends in precipitation chemistry and deposition fluxes at rural stations in France. <i>Atmospheric Environment</i> , 2016, 146, 28-43.	4.1	38
33	Multi-year levels and trends of non-methane hydrocarbon concentrations observed in ambient air in France. <i>Atmospheric Environment</i> , 2016, 141, 263-275.	4.1	28
34	Exploring the seasonal NMHC distribution in an urban area of the Middle East during ECOCEM campaigns: very high loadings dominated by local emissions and dynamics. <i>Environmental Chemistry</i> , 2015, 12, 316.	1.5	30
35	ACTRIS non-methane hydrocarbon intercomparison experiment in Europe to support WMO GAW and EMEP observation networks. <i>Atmospheric Measurement Techniques</i> , 2015, 8, 2715-2736.	3.1	28
36	Speciation of non-methane hydrocarbons (NMHCs) from anthropogenic sources in Beirut, Lebanon. <i>Environmental Science and Pollution Research</i> , 2014, 21, 10867-10877.	5.3	29

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37	Volatile and intermediate volatility organic compounds in suburban Paris: variability, origin and importance for SOA formation. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 10439-10464.	4.9	97
38	Source and behavior of isoprenoid compounds at a southern France remote site. <i>Atmospheric Environment</i> , 2013, 77, 272-282.	4.1	14
39	Modeling air pollution in Lebanon: evaluation at a suburban site in Beirut during summer. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 5873-5886.	4.9	23
40	Total OH reactivity measurements in Paris during the 2010 MEGAPOLI winter campaign. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 9593-9612.	4.9	95
41	Radical budget analysis in a suburban European site during the MEGAPOLI summer field campaign. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 11951-11974.	4.9	84
42	Development of a methodology examining the behaviours of VOCs source apportionment with micro-meteorology analysis in an urban and industrial area. <i>Environmental Pollution</i> , 2012, 162, 15-28.	7.5	24
43	Development of a sampling method for the simultaneous monitoring of straight-chain alkanes, straight-chain saturated carbonyl compounds and monoterpenes in remote areas. <i>Journal of Environmental Monitoring</i> , 2011, 13, 983.	2.1	22
44	Volatile organic compounds sources in Paris in spring 2007. Part I: qualitative analysis. <i>Environmental Chemistry</i> , 2011, 8, 74.	1.5	49
45	Volatile organic compounds sources in Paris in spring 2007. Part II: source apportionment using positive matrix factorisation. <i>Environmental Chemistry</i> , 2011, 8, 91.	1.5	63
46	Long term measurement and source apportionment of non-methane hydrocarbons in three French rural areas. <i>Atmospheric Environment</i> , 2009, 43, 2430-2441.	4.1	80
47	Trends in Chemical Composition of Wet-only Precipitation at Rural French Monitoring Stations Over the 1990â€“2003 Period. <i>Water, Air and Soil Pollution</i> , 2007, 7, 49-58.	0.8	19
48	Trends in Chemical Composition of Wet-only Precipitation at Rural French Monitoring Stations Over the 1990â€“2003 Period. , 2007, , 49-58.		0
49	Trends and sources identification of non-methane hydrocarbons (NMHC) concentration in rural areas in France. <i>WIT Transactions on Ecology and the Environment</i> , 2007, , .	0.0	0
50	Possible source areas and influential factors for sulphur compounds in Morvan, France. <i>Atmospheric Environment</i> , 2001, 35, 1387-1393.	4.1	5
51	A study of the sourceâ€“receptor relationships influencing the acidity of precipitation collected at a rural site in France. <i>Atmospheric Environment</i> , 2000, 34, 3665-3674.	4.1	34
52	A Comparison of Precipitation Sensors Used on the Wet-Only Collectors. <i>Environmental Monitoring and Assessment</i> , 1998, 51, 657-671.	2.7	8
53	Intercomparison between three receptor-oriented models applied to acidic species in precipitation. <i>Science of the Total Environment</i> , 1998, 223, 53-63.	8.0	15