

CITATION REPORT

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Fog occurrence and chemical composition in the Po valley over the last twenty years

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#	Paper	IF	Citations
56	pH Control in Fog and Rain in East Asia: Temporal Advection of Clean Air Masses to Mt. Bamboo, Taiwan. <i>Atmosphere</i> , 2015 , 6, 1785-1800	2.7	3
55	Fog chemical composition and its feedback to fog water fluxes, water vapor fluxes, and microphysical evolution of two events near Paris. <i>Atmospheric Research</i> , 2015 , 164-165, 328-338	5.4	19
54	Modeling the processing of aerosol and trace gases in clouds and fogs. <i>Chemical Reviews</i> , 2015 , 115, 4157-98	68.1	185
53	Chemical Composition of Fog Water at Four Sites in Taiwan. <i>Aerosol and Air Quality Research</i> , 2016 , 16, 618-631	4.6	19
52	CLEPS: A new protocol for cloud aqueous phase oxidation of VOC mechanisms. 2016 ,		1
51	Effect of aerosol concentration and absorbing aerosol on the radiation fog life cycle. <i>Atmospheric Environment</i> , 2016 , 133, 26-33	5.3	29
50	Direct observation of aqueous secondary organic aerosol from biomass-burning emissions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, 10013-8	11.5	170
49	In situ detection of the chemistry of individual fog droplet residues in the Pearl River Delta region, China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016 , 121, 9105-9116	4.4	15
48	Trends and variability of atmospheric PM _{2.5} and PM _{10.5} concentration in the Po Valley, Italy. <i>Atmospheric Chemistry and Physics</i> , 2016 , 16, 15777-15788	6.8	33
47	Cloud water composition during HCCT-2010: Scavenging efficiencies, solute concentrations, and droplet size dependence of inorganic ions and dissolved organic carbon. <i>Atmospheric Chemistry and Physics</i> , 2016 , 16, 3185-3205	6.8	42
46	Sunshine duration and global radiation trends in Italy (1959-2013): To what extent do they agree?. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017 , 122, 4312-4331	4.4	18
45	A three-year investigation of daily PM _{2.5} main chemical components in four sites: the routine measurement program of the Supersito Project (Po Valley, Italy). <i>Atmospheric Environment</i> , 2017 , 152, 418-430	5.3	40
44	Radiation fog chemical composition and its temporal trend over an eight year period. <i>Atmospheric Environment</i> , 2017 , 148, 49-61	5.3	4
43	A 10 year fog and low stratus climatology for Europe based on Meteosat Second Generation data. <i>Quarterly Journal of the Royal Meteorological Society</i> , 2017 , 143, 530-541	6.4	27
42	Influence of climate change on the frequency of daytime temperature inversions and stagnation events in the Po Valley: historical trend and future projections. <i>Atmospheric Research</i> , 2017 , 184, 15-23	5.4	37
41	Enhanced toxicity of aerosol in fog conditions in the Po Valley, Italy. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 7721-7731	6.8	30
40	UCLALESBALS v1.0: a large-eddy model with interactive sectional microphysics for aerosol, clouds and precipitation. <i>Geoscientific Model Development</i> , 2017 , 10, 169-188	6.3	28

39	A framework for expanding aqueous chemistry in the Community Multiscale Air Quality (CMAQ) model version 5.1. <i>Geoscientific Model Development</i> , 2017 , 10, 1587-1605	6.3	37
38	CLEPS 1.0: A new protocol for cloud aqueous phase oxidation of VOC mechanisms. <i>Geoscientific Model Development</i> , 2017 , 10, 1339-1362	6.3	25
37	Enhanced toxicity of aerosol in fog conditions in the Po Valley, Italy. 2017 ,		
36	Urban Heat Island Over Delhi Punches Holes in Widespread Fog in the Indo-Gangetic Plains. <i>Geophysical Research Letters</i> , 2018 , 45, 1114-1121	4.9	24
35	Fog composition along the Yangtze River basin: Detecting emission sources of pollutants in fog water. <i>Journal of Environmental Sciences</i> , 2018 , 71, 2-12	6.4	9
34	Molecular insights on aging and aqueous phase processing from ambient biomass burning emissions-influenced Po Valley fog and aerosol. 2018 ,		
33	Molecular insights on aging and aqueous-phase processing from ambient biomass burning emissions-influenced Po Valley fog and aerosol. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 13197-13214	6.8	35
32	Revisiting fog as an important constituent of the atmosphere. <i>Science of the Total Environment</i> , 2018 , 636, 1490-1499	10.2	13
31	Influence of regional and long range transport air masses on fog water composition, contribution and toxicological response at Indo Gangetic Plain. <i>Atmospheric Environment</i> , 2019 , 214, 116888	5.3	8
30	Chemical compositions of fog and precipitation at Sejila Mountain in the southeast Tibetan Plateau, China. <i>Environmental Pollution</i> , 2019 , 253, 560-568	9.3	14
29	The impact of biomass burning and aqueous-phase processing on air quality: a multi-year source apportionment study in the Po Valley, Italy. 2019 ,		1
28	Chemical composition of dew water at a suburban site in Nanjing, China, during the 2016/2017 winter. <i>Atmospheric Environment</i> , 2019 , 211, 226-233	5.3	7
27	Ship-borne observations of sea fog and rain chemistry over the North and South Pacific Ocean. <i>Journal of Atmospheric Chemistry</i> , 2019 , 76, 315-326	3.2	2
26	Long-term concentrations of fine particulate matter and impact on human health in Verona, Italy. <i>Atmospheric Pollution Research</i> , 2019 , 10, 731-738	4.5	26
25	Formation of metal-organic ligand complexes affects solubility of metals in airborne particles at an urban site in the Po valley. <i>Chemosphere</i> , 2020 , 241, 125025	8.4	14
24	Climatic trends in fog occurrence over the Indo-Gangetic plains. <i>International Journal of Climatology</i> , 2020 , 40, 2048-2061	3.5	6
23	Long-term trends in fog occurrence in the Czech Republic, Central Europe. <i>Science of the Total Environment</i> , 2020 , 711, 135018	10.2	10
22	Scavenging efficiency of water soluble inorganic and organic aerosols by fog droplets in the Indo Gangetic Plain. <i>Atmospheric Research</i> , 2020 , 235, 104767	5.4	10

21	Inorganic composition and occult deposition of frost collected under severe polluted area in winter in the North China Plain. <i>Science of the Total Environment</i> , 2020 , 722, 137911	10.2	2
20	The Effects of Air Pollution on COVID-19 Related Mortality in Northern Italy. <i>Environmental and Resource Economics</i> , 2020 , 76, 1-24	4.4	82
19	A Combined Citizen Science Modelling Approach for NO ₂ Assessment in Torino Urban Agglomeration. <i>Atmosphere</i> , 2020 , 11, 721	2.7	7
18	The impact of biomass burning and aqueous-phase processing on air quality: a multi-year source apportionment study in the Po Valley, Italy. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 1233-1254	6.8	26
17	Reconstructing Elemental Carbon Long-Term Trend in the Po Valley (Italy) from Fog Water Samples. <i>Atmosphere</i> , 2020 , 11, 580	2.7	2
16	Change of Fog Frequency. <i>Springer Climate</i> , 2021 , 453-470	0.3	
15	Historical Changes in Seasonal Aerosol Acidity in the Po Valley (Italy) as Inferred from Fog Water and Aerosol Measurements. <i>Environmental Science & Technology</i> , 2021 , 55, 7307-7315	10.3	4
14	Chemical characteristics of size-resolved fog water at an urban site in Nanjing and the summit of Mt. Lu, East China. <i>Atmospheric Environment</i> , 2021 , 263, 118667	5.3	0
13	Distributions and sources of water-soluble organic acids in fog water from mountain site (Lake Mashu) of Hokkaido, Japan. <i>Geochemical Journal</i> , 2020 , 54, 315-326	0.9	3
12	Cloud water composition during HCCT-2010: Scavenging efficiencies, solute concentrations, and droplet size dependence of inorganic ions and dissolved organic carbon.		
11	The reaction of oleic acid monolayers with gas-phase ozone at the air water interface: the effect of sub-phase viscosity, and inert secondary components. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 28032-28044	3.6	4
10	Partitioning of Ambient Organic Gases to Inorganic Salt Solutions: Influence of Salt Identity, Ionic Strength, and pH. <i>Geophysical Research Letters</i> , 2021 , 48, e2021GL095247	4.9	1
9	Aqueous secondary organic aerosol formation from the direct photosensitized oxidation of vanillin in the absence and presence of ammonium nitrate. <i>Atmospheric Chemistry and Physics</i> , 2022 , 22, 273-293	6.8	5
8	Satellite Data and Epidemic Cartography: A Study of the Relationship Between the Concentration of NO ₂ and the COVID-19 Epidemic. <i>Communications in Computer and Information Science</i> , 2022 , 55-67	0.3	
7	Emerging investigator series: Aqueous-phase processing of atmospheric aerosol influences dissolution kinetics of metal ions in an urban background site in the Po Valley. <i>Environmental Sciences: Processes and Impacts</i> ,	4.3	0
6	Contribution of Fog in Changing Air Quality: Extremities and Risks to Environment and Society. <i>Disaster Resilience and Green Growth</i> , 2022 , 87-111	0.3	
5	Regional atmospheric circulation patterns driving consecutive fog events in the United Arab Emirates. 2023 , 282, 106506		0
4	Case Study: Fog and Dew Net. 2023 , 215-235		0

- 3 Safeguarding outdoor cultural heritage materials in an ever-changing troposphere: Challenges and new guidelines for artificial ageing test. **2023**, 59, 190-201 ○
- 2 Long-term monitoring of cloud water chemistry at Whiteface Mountain: the emergence of a new chemical regime. **2023**, 23, 1619-1639 ○
- 1 Comparison of aqueous secondary organic aerosol (aqSOA) product distributions from guaiacol oxidation by non-phenolic and phenolic methoxybenzaldehydes as photosensitizers in the absence and presence of ammonium nitrate. **2023**, 23, 2859-2875 ○