

Aku Helin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1850516/publications.pdf>

Version: 2024-02-01

12
papers

445
citations

933447

10
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

705
citing authors

#	ARTICLE	IF	CITATIONS
1	Characteristics and source apportionment of black carbon in the Helsinki metropolitan area, Finland. <i>Atmospheric Environment</i> , 2018, 190, 87-98.	4.1	118
2	Solid phase microextraction Arrow for the sampling of volatile amines in wastewater and atmosphere. <i>Journal of Chromatography A</i> , 2015, 1426, 56-63.	3.7	91
3	Variation of Absorption Ångström Exponent in Aerosols From Different Emission Sources. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD034094.	3.3	37
4	Characterization of free amino acids, bacteria and fungi in size-segregated atmospheric aerosols in boreal forest: seasonal patterns, abundances and size distributions. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 13089-13101.	4.9	35
5	Spatiotemporal variation and trends in equivalent black carbon in the Helsinki metropolitan area in Finland. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 1173-1189.	4.9	33
6	Determination of atmospheric amines by on-fiber derivatization solid-phase microextraction with 2,3,4,5,6-pentafluorobenzyl chloroformate and 9-fluorenylmethoxycarbonyl chloride. <i>Journal of Chromatography A</i> , 2015, 1376, 46-52.	3.7	28
7	In-depth characterization of submicron particulate matter inter-annual variations at a street canyon site in northern Europe. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 6297-6314.	4.9	25
8	Utilization of scattering and absorption-based particulate matter sensors in the environment impacted by residential wood combustion. <i>Journal of Aerosol Science</i> , 2020, 150, 105671.	3.8	20
9	Optimisation of a thermal desorption-gas chromatography-mass spectrometry method for the analysis of monoterpenes, sesquiterpenes and diterpenes. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 3543-3560.	3.1	18
10	Connection between lung deposited surface area (LDSA) and black carbon (BC) concentrations in road traffic and harbour environments. <i>Atmospheric Environment</i> , 2022, 272, 118931.	4.1	18
11	Sesquiterpenes and oxygenated sesquiterpenes dominate the VOC (C ₅ -C ₂₀) emissions of downy birches. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 8045-8066.	4.9	13
12	Problems Caused by Moisture in Gas Chromatographic Analysis of Headspace SPME Samples of Short-Chain Amines. <i>Chromatographia</i> , 2019, 82, 307-316.	1.3	9