

Giulia Stefenelli

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,012
citations

516710

16
h-index

794594

19
g-index

30
all docs

30
docs citations

30
times ranked

1427
citing authors

#	ARTICLE	IF	CITATIONS
1	Publisher's Note: Entomology "A New Open Access Journal. , 2022, 1, 1-1.		0
2	Highly time-resolved chemical speciation and source apportionment of organic aerosol components in Delhi, India, using extractive electrospray ionization mass spectrometry. Atmospheric Chemistry and Physics, 2022, 22, 7739-7761.	4.9	11
3	Publisher's Note: Future "A New Open Access Journal. , 2022, 1, 3-3.		0
4	Characteristics of wintertime VOCs in urban Beijing: Composition and source apportionment. Atmospheric Environment: X, 2021, 9, 100100.	1.4	9
5	Influence of biomass burning vapor wall loss correction on modeling organic aerosols in Europe by CAMx v6.50. Geoscientific Model Development, 2021, 14, 1681-1697.	3.6	5
6	Brown Carbon in Primary and Aged Coal Combustion Emission. Environmental Science & Technology, 2021, 55, 5701-5710.	10.0	31
7	Publisher's Note: Architecture "A Journal of Practicality and Artistry. Architecture, 2021, 1, 1-2.	1.1	0
8	Publisher's Note to Launch Solar. Solar, 2021, 1, 1-1.	1.8	0
9	Quantification of solid fuel combustion and aqueous chemistry contributions to secondary organic aerosol during wintertime haze events in Beijing. Atmospheric Chemistry and Physics, 2021, 21, 9859-9886.	4.9	20
10	Publisher's Note: Biomass "A New Open Access Journal. Biomass, 2021, 1, 60-60.	2.8	0
11	Sources of particulate-matter air pollution and its oxidative potential in Europe. Nature, 2020, 587, 414-419.	27.8	352
12	An extractive electrospray ionization time-of-flight mass spectrometer (EESI-TOF) for online measurement of atmospheric aerosol particles. Atmospheric Measurement Techniques, 2019, 12, 4867-4886.	3.1	91
13	Organic aerosol source apportionment in Zurich using an extractive electrospray ionization time-of-flight mass spectrometer (EESI-TOF-MS) " Part 2: Biomass burning influences in winter. Atmospheric Chemistry and Physics, 2019, 19, 8037-8062.	4.9	57
14	Organic aerosol source apportionment in Zurich using an extractive electrospray ionization time-of-flight mass spectrometer (EESI-TOF-MS) " Part 1: Biogenic influences and day "night chemistry in summer. Atmospheric Chemistry and Physics, 2019, 19, 14825-14848.	4.9	38
15	Predominance of secondary organic aerosol to particle-bound reactive oxygen species activity in fine ambient aerosol. Atmospheric Chemistry and Physics, 2019, 19, 14703-14720.	4.9	31
16	Secondary organic aerosol formation from smoldering and flaming combustion of biomass: a box model parametrization based on volatility basis set. Atmospheric Chemistry and Physics, 2019, 19, 11461-11484.	4.9	24
17	Effect of Stove Technology and Combustion Conditions on Gas and Particulate Emissions from Residential Biomass Combustion. Environmental Science & Technology, 2019, 53, 2209-2219.	10.0	35
18	Characterization of Gas-Phase Organics Using Proton Transfer Reaction Time-of-Flight Mass Spectrometry: Residential Coal Combustion. Environmental Science & Technology, 2018, 52, 2612-2617.	10.0	30

#	ARTICLE	IF	CITATIONS
19	Particle-bound reactive oxygen species (PB-ROS) emissions and formation pathways in residential wood smoke under different combustion and aging conditions. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 6985-7000.	4.9	31
20	Influence of the vapor wall loss on the degradation rate constants in chamber experiments of levoglucosan and other biomass burning markers. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 10915-10930.	4.9	19
21	Evolution of the chemical fingerprint of biomass burning organic aerosol during aging. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 7607-7624.	4.9	67
22	Development, characterization and first deployment of an improved online reactive oxygen species analyzer. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 65-80.	3.1	25
23	Primary emissions and secondary aerosol production potential from woodstoves for residential heating: Influence of the stove technology and combustion efficiency. <i>Atmospheric Environment</i> , 2017, 169, 65-79.	4.1	48
24	Long-term chemical analysis and organic aerosol source apportionment at nine sites in central Europe: source identification and uncertainty assessment. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 13265-13282.	4.9	78