# Giulia Stefenelli

List of Publications by Year
in descending order



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|---|---|---|---|
| 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 | Sources of particulate-matter air pollution and its oxidative potential in Europe. Nature, 2020, 587, 414-419. | 27.8 | 352 |
| 2 | 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 |
| 3 | Long-term chemical analysis and organic aerosol source apportionment at nine sites in central Europe: source identification and uncertainty assessment. Atmospheric Chemistry and Physics, 2017, 17, 13265-13282. | 4.9 | 78 |
| 4 | Evolution of the chemical fingerprint of biomass burning organic aerosol during aging. Atmospheric Chemistry and Physics, 2018, 18, 7607-7624. | 4.9 | 67 |
| 5 | Organic aerosol source apportionment in Zurich using an extractive electrospray ionization time-of-flight mass spectrometer (EESI-TOF-MS) â€“ PartÂ2: Biomass burning influences in winter. Atmospheric Chemistry and Physics, 2019, 19, 8037-8062. | 4.9 | 57 |
| 6 | Primary emissions and secondary aerosol production potential from woodstoves for residential heating: Influence of the stove technology and combustion efficiency. Atmospheric Environment, 2017, 169, 65-79. | 4.1 | 48 |
| 7 | Organic aerosol source apportionment in Zurich using an extractive electrospray ionization time-of-flight mass spectrometerÂ(EESI-TOF-MS) â€“ PartÂ1: Biogenic influences and dayâ€“night chemistry in summer. Atmospheric Chemistry and Physics, 2019, 19, 14825-14848. | 4.9 | 38 |
| 8 | 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 |
| 9 | Particle-bound reactive oxygen species (PB-ROS) emissions and formation pathways in residential wood smoke under different combustion and aging conditions. Atmospheric Chemistry and Physics, 2018, 18, 6985-7000. | 4.9 | 31 |
| 10 | 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 |
| 11 | Brown Carbon in Primary and Aged Coal Combustion Emission. Environmental Science & Technology, 2021, 55, 5701-5710. | 10.0 | 31 |
| 12 | 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 |
| 13 | Development, characterization and first deployment of an improved online reactive oxygen species analyzer. Atmospheric Measurement Techniques, 2018, 11, 65-80. | 3.1 | 25 |
| 14 | 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 |
| 15 | 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 |
| 16 | Influence of the vapor wall loss on the degradation rate constants in chamber experiments of levoglucosan and other biomass burning markers. Atmospheric Chemistry and Physics, 2018, 18, 10915-10930. | 4.9 | 19 |
| 17 | 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 |
| 18 | Characteristics of wintertime VOCs in urban Beijing: Composition and source apportionment. Atmospheric Environment: X, 2021, 9, 100100. | 1.4 | 9 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | 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 |
| 20 | Publisherâ€™s Note: Architectureâ€”A Journal of Practicality and Artistry. Architecture, 2021, 1, 1-2. | 1.1 | 0 |
| 21 | Publisherâ€™s Note to Launch Solar. Solar, 2021, 1, 1-1. | 1.8 | 0 |
| 22 | Publisherâ€™s Note: Biomassâ€”A New Open Access Journal. Biomass, 2021, 1, 60-60. | 2.8 | 0 |
| 23 | Publisherâ€™s Note: Entomologyâ€”A New Open Access Journal. , 2022, 1, 1-1. | | 0 |
| 24 | Publisherâ€™s Note: Futureâ€”A New Open Access Journal. , 2022, 1, 3-3. | | 0 |