SamuÃ«l Weber

List of Publications by Year
in descending order

15 papers	791 citations	687335 13 h-index	996954 15 g-index
35 all docs	35 docs citations	35 times ranked	937 citing authors

#	Article	IF	Citations
1	Linking Switzerland's PM₁₀ and PM_{2.5} oxidative potential (OP) with emission sources. Atmospheric Chemistry and Physics, 2022, 22, 7029-7050.	4.9	20
2	Nine-year trends of PM₁₀ sources and oxidative potential in a rural background site in France. Atmospheric Chemistry and Physics, 2022, 22, 8701-8723.	4.9	16
3	Overview of the French Operational Network for In Situ Observation of PM Chemical Composition and Sources in Urban Environments (CARA Program). Atmosphere, 2021, 12, 207.	2.3	23
4	Disparities in particulate matter (PM₁₀) origins and oxidative potential at a city scale (Grenoble, France) â€“ PartÂ1: Source apportionment at three neighbouring sites. Atmospheric Chemistry and Physics, 2021, 21, 5415-5437.	4.9	21
5	Disparities in particulate matter (PM₁₀) origins and oxidative potential at a city scale (Grenoble, France) â€“ Part 2: Sources of PM₁₀ oxidative potential using multiple linear regression analysis and the predictive applicability of multilayer perceptron neural network analysis. Atmospheric Chemistry and Physics, 2021, 21, 9719-9739.	4.9	33
6	Source apportionment of atmospheric PM₁₀ oxidative potential: synthesis of 15Âyear-round urban datasets in France. Atmospheric Chemistry and Physics, 2021, 21, 11353-11378.	4.9	30
7	Switzerland's PM10 and PM2.5 environmental increments show the importance of non-exhaust emissions. Atmospheric Environment: X, 2021, 12, 100145.	1.4	3
8	Sources of particulate-matter air pollution and its oxidative potential in Europe. Nature, 2020, 587, 414-419.	27.8	352
9	High levels of primary biogenic organic aerosols are driven by only a few plant-associated microbial taxa. Atmospheric Chemistry and Physics, 2020, 20, 5609-5628.	4.9	16
10	Arabitol, mannitol, and glucose as tracers of primary biogenic organic aerosol: the influence of environmental factors on ambient air concentrations and spatial distribution over France. Atmospheric Chemistry and Physics, 2019, 19, 11013-11030.	4.9	35
11	Polyols and glucose particulate species as tracers of primary biogenic organic aerosols at 28 French sites. Atmospheric Chemistry and Physics, 2019, 19, 3357-3374.	4.9	53
12	Comparison of PM10 Sources Profiles at 15 French Sites Using a Harmonized Constrained Positive Matrix Factorization Approach. Atmosphere, 2019, 10, 310.	2.3	41
13	Seasonal Variations and Chemical Predictors of Oxidative Potential (OP) of Particulate Matter (PM), for Seven Urban French Sites. Atmosphere, 2019, 10, 698.	2.3	31
14	Organic markers and OC source apportionment for seasonal variations of PM2.5 at 5 rural sites in France. Atmospheric Environment, 2019, 198, 142-157.	4.1	39
15	An apportionment method for the oxidative potential of atmospheric particulate matter sources: application to a one-year study in Chamonix, France. Atmospheric Chemistry and Physics, 2018, 18, 9617-9629.	4.9	66