

Emilie Perraudin

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

536
citations

840776

11
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

894
citing authors

#	ARTICLE	IF	CITATIONS
1	Evidence for an Unrecognized Secondary Anthropogenic Source of Organosulfates and Sulfonates: Gas-Phase Oxidation of Polycyclic Aromatic Hydrocarbons in the Presence of Sulfate Aerosol. <i>Environmental Science & Technology</i> , 2015, 49, 6654-6664.	10.0	151
2	Design of a new multi-phase experimental simulation chamber for atmospheric photo-smog, aerosol and cloud chemistry research. <i>Atmospheric Measurement Techniques</i> , 2011, 4, 2465-2494.	3.1	126
3	Observation of nighttime new particle formation over the French Landes forest. <i>Science of the Total Environment</i> , 2018, 621, 1084-1092.	8.0	47
4	Terpenes and their oxidation products in the French Landes forest: insights from Vocus PTR-TOF measurements. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 1941-1959.	4.9	46
5	Development of a supercritical fluid extraction-gas chromatography-mass spectrometry method for the identification of highly polar compounds in secondary organic aerosols formed from biogenic hydrocarbons in smog chamber experiments. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 1749-1759.	3.7	33
6	Atmospheric organic vapors in two European pine forests measured by a Vocus PTR-TOF: insights into monoterpene and sesquiterpene oxidation processes. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 4123-4147.	4.9	23
7	Optimization of a gas chromatographic unit for measuring biogenic volatile organic compounds in ambient air. <i>Atmospheric Measurement Techniques</i> , 2019, 12, 6153-6171.	3.1	20
8	Biogenic volatile organic compounds (BVOCs) reactivity related to new particle formation (NPF) over the Landes forest. <i>Atmospheric Research</i> , 2020, 237, 104869.	4.1	19
9	Experimental Study of the Formation of Organosulfates from α -Pinene Oxidation. Part I: Product Identification, Formation Mechanisms and Effect of Relative Humidity. <i>Journal of Physical Chemistry A</i> , 2016, 120, 7909-7923.	2.5	15
10	Secondary Organic Aerosol Formation from Aromatic Alkene Ozonolysis: Influence of the Precursor Structure on Yield, Chemical Composition, and Mechanism. <i>Journal of Physical Chemistry A</i> , 2019, 123, 1469-1484.	2.5	15
11	Experimental Study of the Formation of Organosulfates from α -Pinene Oxidation. 2. Time Evolution and Effect of Particle Acidity. <i>Journal of Physical Chemistry A</i> , 2020, 124, 409-421.	2.5	11
12	Variability of hydroxyl radical (OH) reactivity in the Landes maritime pine forest: results from the LANDEX campaign 2017. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 1277-1300.	4.9	11
13	Gas and particulate phase products from the ozonolysis of acenaphthylene. <i>Atmospheric Environment</i> , 2016, 142, 104-113.	4.1	10
14	Atmospheric reactivity of biogenic volatile organic compounds in a maritime pine forest during the LANDEX episode 1 field campaign. <i>Science of the Total Environment</i> , 2021, 756, 144129.	8.0	7
15	Atmospheric Nitrous Acid Measurement in the French Landes Forest. <i>ACS Earth and Space Chemistry</i> , 2022, 6, 25-33.	2.7	2