

# Emilie Perraudin

## List of Publications by Year in descending order

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