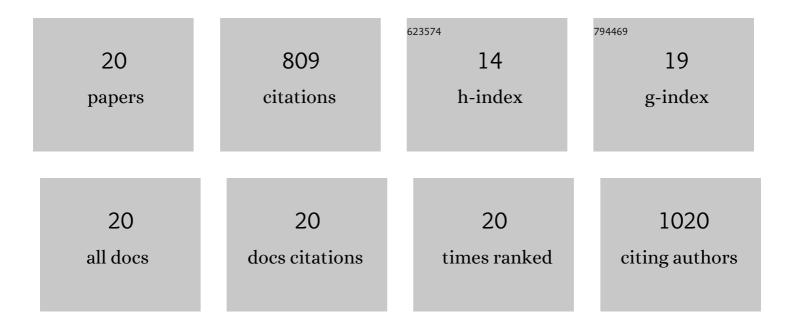
Sébastien Perrier

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Photosensitized Production of Atmospherically Reactive Organic Compounds at the Air/Aqueous Interface. Journal of the American Chemical Society, 2015, 137, 8348-8351.	6.6	97
2	Snowpack processing of acetaldehyde and acetone in the Arctic atmospheric boundary layer. Atmospheric Environment, 2002, 36, 2743-2752.	1.9	90
3	Atmospheric Photosensitization: A New Pathway for Sulfate Formation. Environmental Science & Technology, 2020, 54, 3114-3120.	4.6	65
4	Mechanistic Insights on the Photosensitized Chemistry of a Fatty Acid at the Air/Water Interface. Environmental Science & Technology, 2016, 50, 11041-11048.	4.6	64
5	Organosulfate Formation through the Heterogeneous Reaction of Sulfur Dioxide with Unsaturated Fatty Acids and Longâ€Chain Alkenes. Angewandte Chemie - International Edition, 2016, 55, 10336-10339.	7.2	63
6	Acetaldehyde and acetone in the Arctic snowpack during the ALERT2000 campaign. Snowpack composition, incorporation processes and atmospheric impact. Atmospheric Environment, 2002, 36, 2609-2618.	1.9	60
7	A new fluorescent probe for sensitive detection of carbonyl compounds: sensitivity improvement and application to environmental water samples. Analytica Chimica Acta, 2000, 412, 221-233.	2.6	56
8	SO ₂ Uptake on Oleic Acid: A New Formation Pathway of Organosulfur Compounds in the Atmosphere. Environmental Science and Technology Letters, 2016, 3, 67-72.	3.9	56
9	Formaldehyde in Arctic snow. Incorporation into ice particles and evolution in the snowpack. Atmospheric Environment, 2002, 36, 2695-2705.	1.9	54
10	Particle-Phase Photosensitized Radical Production and Aerosol Aging. Environmental Science & Technology, 2018, 52, 7680-7688.	4.6	45
11	Interfacial photochemistry of biogenic surfactants: a major source of abiotic volatile organic compounds. Faraday Discussions, 2017, 200, 59-74.	1.6	42
12	Fatty Acid Surfactant Photochemistry Results in New Particle Formation. Scientific Reports, 2017, 7, 12693.	1.6	37
13	Superoxide and Nitrous Acid Production from Nitrate Photolysis Is Enhanced by Dissolved Aliphatic Organic Matter. Environmental Science and Technology Letters, 2021, 8, 53-58.	3.9	24
14	Real-Time Detection of Gas-Phase Organohalogens from Aqueous Photochemistry Using Orbitrap Mass Spectrometry. ACS Earth and Space Chemistry, 2019, 3, 329-334.	1.2	15
15	Visualizing reaction and diffusion in xanthan gum aerosol particles exposed to ozone. Physical Chemistry Chemical Physics, 2019, 21, 20613-20627.	1.3	15
16	Production of Peroxy Radicals from the Photochemical Reaction of Fatty Acids at the Air–Water Interface. ACS Earth and Space Chemistry, 2020, 4, 1247-1253.	1.2	9
17	Naphthaleneâ€Derived Secondary Organic Aerosols Interfacial Photosensitizing Properties. Geophysical Research Letters, 2021, 48, e2021GL093465.	1.5	6
18	Effect of Lanthanum Sol-Gel Coating on the Oxidation Behaviour of the AISI 304 Steel at 1000°C. Materials Science Forum, 0, 595-598, 733-741.	0.3	4

#	Article	IF	CITATIONS
19	Measurement report: Biogenic volatile organic compound emission profiles of rapeseed leaf litter and its secondary organic aerosol formation potential. Atmospheric Chemistry and Physics, 2021, 21, 12613-12629.	1.9	4
20	Influence of Lanthanum Coatings on a Model 330 Alloy (Fe–35Ni–18Cr–2Si) Oxidation at High Temperatures. Oxidation of Metals, 2014, 81, 127-138.	1.0	3