Elise-AndrÃ©e GuÃ©rette

List of Publications by Year
in descending order

23 papers	475 citations	623188 14 h-index	676716 22 g-index
32 all docs	32 docs citations	32 times ranked	657 citing authors

#	Article	IF	Citations
1	Seasonal Variation of Biogenic and Anthropogenic VOCs in a Semi-Urban Area Near Sydney, Australia. Atmosphere, 2021, 12, 47.	1.0	8
2	Cumulative Firefighter Exposure to Multiple Toxins Emitted During Prescribed Burns in Australia. Exposure and Health, 2020, 12, 721-733.	2.8	10
3	Evaluation of Regional Air Quality Models over Sydney, Australia: Part 2, Comparison of PM2.5 and Ozone. Atmosphere, 2020, 11, 233.	1.0	15
4	Composition of Clean Marine Air and Biogenic Influences on VOCs during the MUMBA Campaign. Atmosphere, 2019, 10, 383.	1.0	8
5	Evaluation of Regional Air Quality Models over Sydney and Australia: Part 1â€"Meteorological Model Comparison. Atmosphere, 2019, 10, 374.	1.0	17
6	Skill-Testing Chemical Transport Models across Contrasting Atmospheric Mixing States Using Radon-222. Atmosphere, 2019, 10, 25.	1.0	28
7	Particle Formation in a Complex Environment. Atmosphere, 2019, 10, 275.	1.0	7
8	Understanding Spatial Variability of Air Quality in Sydney: Part 1â€"A Suburban Balcony Case Study. Atmosphere, 2019, 10, 181.	1.0	5
9	Multiscale Applications of Two Online-Coupled Meteorology-Chemistry Models During Recent Field Campaigns in Australia, Part II: Comparison of WRF/Chem and WRF/Chem-ROMS and Impacts of Air-Sea Interactions and Boundary Conditions. Atmosphere, 2019, 10, 210.	1.0	7
10	Multiscale Applications of Two Online-Coupled Meteorology-Chemistry Models during Recent Field Campaigns in Australia, Part I: Model Description and WRF/Chem-ROMS Evaluation Using Surface and Satellite Data and Sensitivity to Spatial Grid Resolutions. Atmosphere, 2019, 10, 189.	1.0	10
11	Understanding Spatial Variability of Air Quality in Sydney: Part 2â€"A Roadside Case Study. Atmosphere, 2019, 10, 217.	1.0	27
12	A Clean Air Plan for Sydney: An Overview of the Special Issue on Air Quality in New South Wales. Atmosphere, 2019, 10, 774.	1.0	29
13	Investigation of mercury emissions from burning of Australian eucalypt forest surface fuels using a combustion wind tunnel and field observations. Atmospheric Environment, 2019, 202, 17-27.	1.9	21
14	Comprehensive aerosol and gas data set from the Sydney Particle Study. Earth System Science Data, 2019, 11, 1883-1903.	3.7	5
15	Fine Particle Emissions From Tropical Peat Fires Decrease Rapidly With Time Since Ignition. Journal of Geophysical Research D: Atmospheres, 2018, 123, 5607-5617.	1.2	21
16	Emissions of trace gases from Australian temperate forest fires: emission factors and dependence on modified combustion efficiency. Atmospheric Chemistry and Physics, 2018, 18, 3717-3735.	1.9	38
17	Urban Air Quality in a Coastal City: Wollongong during the MUMBA Campaign. Atmosphere, 2018, 9, 500.	1.0	22
18	Hot Summers: Effect of Extreme Temperatures on Ozone in Sydney, Australia. Atmosphere, 2018, 9, 466.	1.0	25

#	Article	IF	Citations
19	Characteristics of airborne particle number size distributions in a coastal-urban environment. Atmospheric Environment, 2018, 186, 256-265.	1.9	12
20	The MUMBA campaign: measurements of urban, marine and biogenic air. Earth System Science Data, 2017, 9, 349-362.	3.7	24
21	Current estimates of biogenic emissions from eucalypts uncertain for southeast Australia. Atmospheric Chemistry and Physics, 2016, 16, 6997-7011.	1.9	44
22	Development of a Particle-Trap Preconcentration-Soft Ionization Mass Spectrometric Technique for the Quantification of Mercury Halides in Air. Analytical Chemistry, 2015, 87, 5109-5116.	3.2	27
23	New emission factors for Australian vegetation fires measured using open-path Fourier transform infrared spectroscopy â€“ Part 1: Methods and Australian temperate forest fires. Atmospheric Chemistry and Physics, 2014, 14, 11313-11333.	1.9	59