

Elise-Andr e Gu rette

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

475
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623188

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657
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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | New emission factors for Australian vegetation fires measured using open-path Fourier transform infrared spectroscopy – Part 1: Methods and Australian temperate forest fires. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 11313-11333. | 1.9 | 59 |
| 2 | Current estimates of biogenic emissions from eucalypts uncertain for southeast Australia. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 6997-7011. | 1.9 | 44 |
| 3 | Emissions of trace gases from Australian temperate forest fires: emission factors and dependence on modified combustion efficiency. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 3717-3735. | 1.9 | 38 |
| 4 | A Clean Air Plan for Sydney: An Overview of the Special Issue on Air Quality in New South Wales. <i>Atmosphere</i> , 2019, 10, 774. | 1.0 | 29 |
| 5 | Skill-Testing Chemical Transport Models across Contrasting Atmospheric Mixing States Using Radon-222. <i>Atmosphere</i> , 2019, 10, 25. | 1.0 | 28 |
| 6 | Development of a Particle-Trap Preconcentration-Soft Ionization Mass Spectrometric Technique for the Quantification of Mercury Halides in Air. <i>Analytical Chemistry</i> , 2015, 87, 5109-5116. | 3.2 | 27 |
| 7 | Understanding Spatial Variability of Air Quality in Sydney: Part 2 – A Roadside Case Study. <i>Atmosphere</i> , 2019, 10, 217. | 1.0 | 27 |
| 8 | Hot Summers: Effect of Extreme Temperatures on Ozone in Sydney, Australia. <i>Atmosphere</i> , 2018, 9, 466. | 1.0 | 25 |
| 9 | The MUMBA campaign: measurements of urban, marine and biogenic air. <i>Earth System Science Data</i> , 2017, 9, 349-362. | 3.7 | 24 |
| 10 | Urban Air Quality in a Coastal City: Wollongong during the MUMBA Campaign. <i>Atmosphere</i> , 2018, 9, 500. | 1.0 | 22 |
| 11 | Fine Particle Emissions From Tropical Peat Fires Decrease Rapidly With Time Since Ignition. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 5607-5617. | 1.2 | 21 |
| 12 | Investigation of mercury emissions from burning of Australian eucalypt forest surface fuels using a combustion wind tunnel and field observations. <i>Atmospheric Environment</i> , 2019, 202, 17-27. | 1.9 | 21 |
| 13 | Evaluation of Regional Air Quality Models over Sydney and Australia: Part 1 – Meteorological Model Comparison. <i>Atmosphere</i> , 2019, 10, 374. | 1.0 | 17 |
| 14 | Evaluation of Regional Air Quality Models over Sydney, Australia: Part 2, Comparison of PM2.5 and Ozone. <i>Atmosphere</i> , 2020, 11, 233. | 1.0 | 15 |
| 15 | Characteristics of airborne particle number size distributions in a coastal-urban environment. <i>Atmospheric Environment</i> , 2018, 186, 256-265. | 1.9 | 12 |
| 16 | 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. <i>Atmosphere</i> , 2019, 10, 189. | 1.0 | 10 |
| 17 | Cumulative Firefighter Exposure to Multiple Toxins Emitted During Prescribed Burns in Australia. <i>Exposure and Health</i> , 2020, 12, 721-733. | 2.8 | 10 |
| 18 | Composition of Clean Marine Air and Biogenic Influences on VOCs during the MUMBA Campaign. <i>Atmosphere</i> , 2019, 10, 383. | 1.0 | 8 |

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|----|--|-----|-----------|
| 19 | Seasonal Variation of Biogenic and Anthropogenic VOCs in a Semi-Urban Area Near Sydney, Australia. <i>Atmosphere</i> , 2021, 12, 47. | 1.0 | 8 |
| 20 | Particle Formation in a Complex Environment. <i>Atmosphere</i> , 2019, 10, 275. | 1.0 | 7 |
| 21 | 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. <i>Atmosphere</i> , 2019, 10, 210. | 1.0 | 7 |
| 22 | Understanding Spatial Variability of Air Quality in Sydney: Part 1 – A Suburban Balcony Case Study. <i>Atmosphere</i> , 2019, 10, 181. | 1.0 | 5 |
| 23 | Comprehensive aerosol and gas data set from the Sydney Particle Study. <i>Earth System Science Data</i> , 2019, 11, 1883-1903. | 3.7 | 5 |