

Valerio Ferracci

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

246
citations

933447

10
h-index

996975

15
g-index

33
all docs

33
docs citations

33
times ranked

492
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Exploring the coupled ocean and atmosphere system with a data science approach applied to observations from the Antarctic Circumnavigation Expedition. <i>Earth System Dynamics</i> , 2021, 12, 1295-1369. | 7.1 | 12 |
| 2 | Modelling the effect of the 2018 summer heatwave and drought on isoprene emissions in a UK woodland. <i>Global Change Biology</i> , 2020, 26, 2320-2335. | 9.5 | 14 |
| 3 | Continuous Isoprene Measurements in a UK Temperate Forest for a Whole Growing Season: Effects of Drought Stress During the 2018 Heatwave. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088885. | 4.0 | 11 |
| 4 | iDirac: a field-portable instrument for long-term autonomous measurements of isoprene and selected VOCs. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 821-838. | 3.1 | 10 |
| 5 | ROOOH: a missing piece of the puzzle for OH measurements in low-NO environments?. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 349-362. | 4.9 | 32 |
| 6 | Validation of ammonia diffusive and pumped samplers in a controlled atmosphere test facility using traceable Primary Standard Gas Mixtures. <i>Atmospheric Environment</i> , 2019, 199, 453-462. | 4.1 | 11 |
| 7 | Production and stability of low amount fraction of formaldehyde in hydrogen gas standards. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 6711-6722. | 7.1 | 17 |
| 8 | Global modelling of the total OH reactivity: investigations on the "missing" OH sink and its atmospheric implications. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 7109-7129. | 4.9 | 31 |
| 9 | CCQM-K90, formaldehyde in nitrogen, 2 $\times 10^{-4}$ mol mol ⁻¹ . Final report. <i>Metrologia</i> , 2017, 54, 08029. | 1.2 | 13 |
| 10 | The application of a cavity ring-down spectrometer to measurements of ambient ammonia using traceable primary standard gas mixtures. <i>Applied Physics B: Lasers and Optics</i> , 2016, 122, 1. | 2.2 | 35 |
| 11 | A metrological approach to improve accuracy and reliability of ammonia measurements in ambient air. <i>Measurement Science and Technology</i> , 2016, 27, 115012. | 2.6 | 20 |
| 12 | Production and measurement of large-area moisture barriers for electronic applications. , 2016, , . | | 1 |
| 13 | An investigation of the matrix sensitivity of refinery gas analysis using gas chromatography with flame ionisation detection. <i>Journal of Chromatography A</i> , 2015, 1383, 144-150. | 3.7 | 3 |
| 14 | Metrology for ammonia in ambient air " concept and first results of the EMRP project MetNH3. , 2015, , . | | 3 |
| 15 | Kinetic studies of the BrO + ClO cross-reaction over the range T = 246-314 K. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 1182-1196. | 2.8 | 2 |
| 16 | The temperature dependence of the bimolecular channels of the ClO + ClO reaction over the range T = 298-323 K. <i>International Journal of Chemical Kinetics</i> , 2012, 44, 386-397. | 1.6 | 4 |
| 17 | Kinetic studies on the temperature dependence of the BrO + BrO reaction using laser flash photolysis. <i>Physical Chemistry Chemical Physics</i> , 2011, 13, 7997. | 2.8 | 2 |
| 18 | Kinetic and thermochemical studies of the ClO + ClO + M \rightarrow Cl ₂ O ₂ + M reaction. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 11596. | 2.8 | 22 |

| # | ARTICLE | IF | CITATIONS |
|----|--------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Investigation of cylinder pre-treatments for the stability of ammonia gas reference materials. Accreditation and Quality Assurance, 0, , . | 0.8 | 0 |