

Paul Hamer

List of Publications by Year in descending order

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28
papers

1,373
citations

567281

15
h-index

501196

28
g-index

29
all docs

29
docs citations

29
times ranked

2500
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermal conditions during heat waves of a mid-European metropolis under consideration of climate change, urban development scenarios and resilience measures for the mid-21st century. Meteorologische Zeitschrift, 2021, 30, 9-32.	1.0	11
2	Spatiotemporal Patterns in Data Availability of the Sentinel-5P NO ₂ Product over Urban Areas in Norway. Remote Sensing, 2021, 13, 2095.	4.0	14
3	Assessment of Low-Cost Particulate Matter Sensor Systems against Optical and Gravimetric Methods in a Field Co-Location in Norway. Atmosphere, 2021, 12, 961.	2.3	26
4	Modeling study of the impact of SO ₂ and volcanic passive emissions on the tropospheric sulfur budget. Atmospheric Chemistry and Physics, 2021, 21, 11379-11404.	4.9	10
5	Cloud-scale modelling of the impact of deep convection on the fate of oceanic bromoform in the troposphere: a case study over the west coast of Borneo. Atmospheric Chemistry and Physics, 2021, 21, 16955-16984.	4.9	1
6	The urban dispersion model EPISODE v10.0 – Part 1: An Eulerian and sub-grid-scale air quality model and its application in Nordic winter conditions. Geoscientific Model Development, 2020, 13, 4323-4353.	3.6	15
7	The MetVed model: development and evaluation of emissions from residential wood combustion at high spatio-temporal resolution in Norway. Atmospheric Chemistry and Physics, 2019, 19, 10217-10237.	4.9	23
8	Monitoring Soil Moisture Drought over Northern High Latitudes from Space. Remote Sensing, 2019, 11, 1200.	4.0	10
9	An Evaluation of the EnKF vs. EnOI and the Assimilation of SMAP, SMOS and ESA CCI Soil Moisture Data over the Contiguous US. Remote Sensing, 2019, 11, 478.	4.0	18
10	Primary aerosol and secondary inorganic aerosol budget over the Mediterranean Basin during 2012 and 2013. Atmospheric Chemistry and Physics, 2018, 18, 4911-4934.	4.9	12
11	Evidence of convective transport in tropical West Pacific region during SHIVA experiment. Atmospheric Science Letters, 2018, 19, e798.	1.9	7
12	ESA CCI Soil Moisture for improved Earth system understanding: State-of-the art and future directions. Remote Sensing of Environment, 2017, 203, 185-215.	11.0	781
13	First implementation of secondary inorganic aerosols in the MOCAGE version R2.15.0 chemistry transport model. Geoscientific Model Development, 2016, 9, 137-160.	3.6	53
14	The impact of observing characteristics on the ability to predict ozone under varying polluted photochemical regimes. Atmospheric Chemistry and Physics, 2015, 15, 10645-10667.	4.9	6
15	Modelling of primary aerosols in the chemical transport model MOCAGE: development and evaluation of aerosol physical parameterizations. Geoscientific Model Development, 2015, 8, 381-408.	3.6	38
16	The added value of a visible channel to a geostationary thermal infrared instrument to monitor ozone for air quality. Atmospheric Measurement Techniques, 2014, 7, 2185-2201.	3.1	23
17	Evaluating global emission inventories of biogenic bromocarbons. Atmospheric Chemistry and Physics, 2013, 13, 11819-11838.	4.9	66
18	What do we learn about bromoform transport and chemistry in deep convection from fine scale modelling?. Atmospheric Chemistry and Physics, 2012, 12, 6073-6093.	4.9	9

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19	Attribution and evolution of ozone from Asian wild fires using satellite and aircraft measurements during the ARCTAS campaign. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 169-188.	4.9	21
20	The effect of the novel HO ₂ + NO → HNO ₃ reaction channel at South Pole, Antarctica. <i>Antarctic Science</i> , 2012, 24, 417-425.	0.9	4
21	The zonal structure of tropical O ₃ and CO as observed by the Tropospheric Emission Spectrometer in November 2004 – Part 2: Impact of surface emissions on O ₃ and its precursors. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 3563-3582.	4.9	25
22	Night-time NO ₃ and OH radical concentrations in the United Kingdom inferred from hydrocarbon measurements. <i>Atmospheric Science Letters</i> , 2008, 9, 140-146.	1.9	37
23	Chemistry of the Antarctic Boundary Layer and the Interface with Snow: an overview of the CHABLIS campaign. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 3789-3803.	4.9	73
24	Kinetics and branching ratio studies of the reaction of C ₂ H ₅ O ₂ + HO ₂ using chemical ionisation mass spectrometry. <i>Physical Chemistry Chemical Physics</i> , 2007, 9, 4338.	2.8	22
25	Release of Oxygen Atoms and Nitric Oxide Molecules from the Ultraviolet Photodissociation of Nitrate Adsorbed on Water Ice Films at 100 K. <i>Journal of Physical Chemistry A</i> , 2007, 111, 8629-8634.	2.5	15
26	Modelling the impact of oxygenated VOC and meteorology upon the boundary layer photochemistry at the South Pole. <i>Atmospheric Science Letters</i> , 2007, 8, 14-20.	1.9	10
27	Kinetics of the CH ₃ O ₂ + HO ₂ reaction: A temperature and pressure dependence study using chemical ionization mass spectrometry. <i>International Journal of Chemical Kinetics</i> , 2007, 39, 571-579.	1.6	20
28	Kinetics of the CH ₃ O ₂ +NO ₂ reaction: A temperature and pressure dependence study using chemical ionisation mass spectrometry. <i>Chemical Physics Letters</i> , 2006, 419, 125-129.	2.6	22