

Martin G Schultz

List of Publications by Year in descending order

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Version: 2024-02-01

124
papers

23,737
citations

28190
55
h-index

19690
117
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173
all docs

173
docs citations

173
times ranked

16941
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Bounding the role of black carbon in the climate system: A scientific assessment. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 5380-5552. | 1.2 | 4,319 |
| 2 | Historical (1850–2000) gridded anthropogenic and biomass burning emissions of reactive gases and aerosols: methodology and application. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 7017-7039. | 1.9 | 2,020 |
| 3 | Global modeling of tropospheric chemistry with assimilated meteorology: Model description and evaluation. <i>Journal of Geophysical Research</i> , 2001, 106, 23073-23095. | 3.3 | 1,927 |
| 4 | Global Air Pollution Crossroads over the Mediterranean. <i>Science</i> , 2002, 298, 794-799. | 6.0 | 920 |
| 5 | Biomass burning emissions estimated with a global fire assimilation system based on observed fire radiative power. <i>Biogeosciences</i> , 2012, 9, 527-554. | 1.3 | 876 |
| 6 | A global simulation of tropospheric ozone and related tracers: Description and evaluation of MOZART, version 2. <i>Journal of Geophysical Research</i> , 2003, 108, n/a-n/a. | 3.3 | 848 |
| 7 | Nitrogen and sulfur deposition on regional and global scales: A multimodel evaluation. <i>Global Biogeochemical Cycles</i> , 2006, 20, n/a-n/a. | 1.9 | 846 |
| 8 | Multimodel ensemble simulations of present-day and near-future tropospheric ozone. <i>Journal of Geophysical Research</i> , 2006, 111, . | 3.3 | 743 |
| 9 | Evolution of anthropogenic and biomass burning emissions of air pollutants at global and regional scales during the 1980–2010 period. <i>Climatic Change</i> , 2011, 109, 163-190. | 1.7 | 740 |
| 10 | Severe Surface Ozone Pollution in China: A Global Perspective. <i>Environmental Science and Technology Letters</i> , 2018, 5, 487-494. | 3.9 | 570 |
| 11 | Multimodel estimates of intercontinental source–receptor relationships for ozone pollution. <i>Journal of Geophysical Research</i> , 2009, 114, . | 3.3 | 430 |
| 12 | The MACC reanalysis: an 8 yr data set of atmospheric composition. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 4073-4109. | 1.9 | 424 |
| 13 | A multi-model assessment of pollution transport to the Arctic. <i>Atmospheric Chemistry and Physics</i> , 2008, 8, 5353-5372. | 1.9 | 419 |
| 14 | Global wildland fire emissions from 1960 to 2000. <i>Global Biogeochemical Cycles</i> , 2008, 22, . | 1.9 | 382 |
| 15 | Air Pollution and Climate-Forcing Impacts of a Global Hydrogen Economy. <i>Science</i> , 2003, 302, 624-627. | 6.0 | 341 |
| 16 | The Global Atmospheric Environment for the Next Generation. <i>Environmental Science & Technology</i> , 2006, 40, 3586-3594. | 4.6 | 338 |
| 17 | Global Wildland Fire Emission Model (GWEM): Evaluating the use of global area burnt satellite data. <i>Journal of Geophysical Research</i> , 2004, 109, . | 3.3 | 256 |
| 18 | Multimodel simulations of carbon monoxide: Comparison with observations and projected near-future changes. <i>Journal of Geophysical Research</i> , 2006, 111, . | 3.3 | 254 |

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|----|---|-----|-----------|
| 19 | TOWARD A MONITORING AND FORECASTING SYSTEM FOR ATMOSPHERIC COMPOSITION. <i>Bulletin of the American Meteorological Society</i> , 2008, 89, 1147-1164. | 1.7 | 253 |
| 20 | Tropospheric Ozone Assessment Report: Present-day tropospheric ozone distribution and trends relevant to vegetation. <i>Elementa</i> , 2018, 6, . | 1.1 | 212 |
| 21 | Tropospheric chemistry in the Integrated Forecasting System of ECMWF. <i>Geoscientific Model Development</i> , 2015, 8, 975-1003. | 1.3 | 204 |
| 22 | Anthropogenic and natural contributions to regional trends in aerosol optical depth, 1980â€“2006. <i>Journal of Geophysical Research</i> , 2009, 114, . | 3.3 | 200 |
| 23 | Tropospheric ozone assessment report: Global ozone metrics for climate change, human health, and crop/ecosystem research. <i>Elementa</i> , 2018, 6, 1. | 1.1 | 196 |
| 24 | Ten years of global burned area products from spaceborne remote sensingâ€”A review: Analysis of user needs and recommendations for future developments. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2014, 26, 64-79. | 1.4 | 185 |
| 25 | Tropospheric Ozone Assessment Report: Assessment of global-scale model performance for global and regional ozone distributions, variability, and trends. <i>Elementa</i> , 2018, 6, . | 1.1 | 177 |
| 26 | Tropospheric Ozone Assessment Report: Database and metrics data of global surface ozone observations. <i>Elementa</i> , 2017, 5, . | 1.1 | 172 |
| 27 | Tropospheric Ozone Assessment Report: Present-day ozone distribution and trends relevant to human health. <i>Elementa</i> , 2018, 6, . | 1.1 | 167 |
| 28 | Modelling future changes in surface ozone: a parameterized approach. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 2037-2054. | 1.9 | 155 |
| 29 | Methyl iodide: Atmospheric budget and use as a tracer of marine convection in global models. <i>Journal of Geophysical Research</i> , 2002, 107, ACH 8-1-ACH 8-12. | 3.3 | 152 |
| 30 | Surface ozone-temperature relationships in the eastern US: A monthly climatology for evaluating chemistry-climate models. <i>Atmospheric Environment</i> , 2012, 47, 142-153. | 1.9 | 152 |
| 31 | Impacts of climate change on surface ozone and intercontinental ozone pollution: A multi-model study. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 3744-3763. | 1.2 | 149 |
| 32 | Coupling global chemistry transport models to ECMWF's integrated forecast system. <i>Geoscientific Model Development</i> , 2009, 2, 253-265. | 1.3 | 145 |
| 33 | Can deep learning beat numerical weather prediction?. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2021, 379, 20200097. | 1.6 | 142 |
| 34 | The influence of foreign vs. North American emissions on surface ozone in the US. <i>Atmospheric Chemistry and Physics</i> , 2009, 9, 5027-5042. | 1.9 | 141 |
| 35 | On the origin of tropospheric ozone and NOx over the tropical South Pacific. <i>Journal of Geophysical Research</i> , 1999, 104, 5829-5843. | 3.3 | 140 |
| 36 | Global chemical weather forecasts for field campaign planning: predictions and observations of large-scale features during MINOS, CONTRACE, and INDOEX. <i>Atmospheric Chemistry and Physics</i> , 2003, 3, 267-289. | 1.9 | 128 |

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|----|---|-----|-----------|
| 37 | The representation of emissions from megacities in global emission inventories. <i>Atmospheric Environment</i> , 2008, 42, 703-719. | 1.9 | 128 |
| 38 | Multi-model ensemble simulations of tropospheric NO ₂ compared with GOME retrievals for the year 2000. <i>Atmospheric Chemistry and Physics</i> , 2006, 6, 2943-2979. | 1.9 | 127 |
| 39 | Intercontinental Impacts of Ozone Pollution on Human Mortality. <i>Environmental Science & Technology</i> , 2009, 43, 6482-6487. | 4.6 | 126 |
| 40 | Regional trend analysis of surface ozone observations from monitoring networks in eastern North America, Europe and East Asia. <i>Elementa</i> , 2017, 5, . | 1.1 | 125 |
| 41 | Convective injection and photochemical decay of peroxides in the tropical upper troposphere: Methyl iodide as a tracer of marine convection. <i>Journal of Geophysical Research</i> , 1999, 104, 5717-5724. | 3.3 | 110 |
| 42 | Data assimilation of satellite-retrieved ozone, carbon monoxide and nitrogen dioxide with ECMWF's Composition-IFS. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 5275-5303. | 1.9 | 109 |
| 43 | The global aerosol-climate model ECHAM6.3-HAM2.3 Part 1: Aerosol evaluation. <i>Geoscientific Model Development</i> , 2019, 12, 1643-1677. | 1.3 | 103 |
| 44 | Tropospheric Ozone Assessment Report: Tropospheric ozone from 1877 to 2016, observed levels, trends and uncertainties. <i>Elementa</i> , 2019, 7, . | 1.1 | 103 |
| 45 | Technical Note: Ozone sonde climatology between 1995 and 2011: description, evaluation and applications. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 7475-7497. | 1.9 | 101 |
| 46 | On the wintertime low bias of Northern Hemisphere carbon monoxide found in global model simulations. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 9295-9316. | 1.9 | 101 |
| 47 | The influence of ozone precursor emissions from four world regions on tropospheric composition and radiative climate forcing. <i>Journal of Geophysical Research</i> , 2012, 117, . | 3.3 | 97 |
| 48 | Calibration source for peroxy radicals with built-in actinometry using H ₂ O and O ₂ photolysis at 185 nm. <i>Journal of Geophysical Research</i> , 1995, 100, 18811. | 3.3 | 96 |
| 49 | On the use of ATSR fire count data to estimate the seasonal and interannual variability of vegetation fire emissions. <i>Atmospheric Chemistry and Physics</i> , 2002, 2, 387-395. | 1.9 | 96 |
| 50 | Airborne measurements of the photolysis frequency of NO ₂ . <i>Journal of Geophysical Research</i> , 1996, 101, 18613-18627. | 3.3 | 95 |
| 51 | Transport of aerosols into the UTLS and their impact on the Asian monsoon region as seen in a global model simulation. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 8771-8786. | 1.9 | 85 |
| 52 | Florida thunderstorms: A faucet of reactive nitrogen to the upper troposphere. <i>Journal of Geophysical Research</i> , 2004, 109, . | 3.3 | 81 |
| 53 | Impact of Climate Change on the Future Chemical Composition of the Global Troposphere. <i>Journal of Climate</i> , 2006, 19, 3932-3951. | 1.2 | 81 |
| 54 | The influence of African air pollution on regional and global tropospheric ozone. <i>Atmospheric Chemistry and Physics</i> , 2007, 7, 1193-1212. | 1.9 | 78 |

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|----|--|-----|-----------|
| 55 | A multi-model study of the hemispheric transport and deposition of oxidised nitrogen. <i>Geophysical Research Letters</i> , 2008, 35, . | 1.5 | 76 |
| 56 | Trace gas and aerosol interactions in the fully coupled model of aerosolâ€chemistryâ€climate ECHAM5â€HAMMOZ: 1. Model description and insights from the spring 2001 TRACEâ€P experiment. <i>Journal of Geophysical Research</i> , 2008, 113, . | 3.3 | 72 |
| 57 | A multi-model analysis of vertical ozone profiles. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 5759-5783. | 1.9 | 70 |
| 58 | Global model simulations of air pollution during the 2003 European heat wave. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 789-815. | 1.9 | 67 |
| 59 | An analysis of long-term regional-scale ozone simulations over the Northeastern United States: variability and trends. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 567-582. | 1.9 | 66 |
| 60 | Re-analysis of tropospheric sulfate aerosol and ozone for the period 1980â€2005 using the aerosol-chemistry-climate model ECHAM5-HAMMOZ. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 9563-9594. | 1.9 | 63 |
| 61 | The Global Atmosphere Watch reactive gases measurement network. <i>Elementa</i> , 0, 3, . | 1.1 | 63 |
| 62 | Hindcast experiments of tropospheric composition during the summer 2010 fires over western Russia. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 4341-4364. | 1.9 | 62 |
| 63 | Global reactive gases forecasts and reanalysis in the MACC project. <i>Journal of Integrative Environmental Sciences</i> , 2012, 9, 57-70. | 1.0 | 59 |
| 64 | Current status of the ability of the GEMS/MACC models to reproduce the tropospheric CO vertical distribution as measured by MOZAIC. <i>Geoscientific Model Development</i> , 2010, 3, 501-518. | 1.3 | 56 |
| 65 | The community atmospheric chemistry box model CAABA/MECCA-4.0. <i>Geoscientific Model Development</i> , 2019, 12, 1365-1385. | 1.3 | 54 |
| 66 | Multi-decadal surface ozone trends at globally distributed remote locations. <i>Elementa</i> , 2020, 8, . | 1.1 | 54 |
| 67 | SALSA2.0: The sectional aerosol module of the aerosolâ€chemistryâ€climate model ECHAM6.3.0-HAM2.3-MOZ1.0. <i>Geoscientific Model Development</i> , 2018, 11, 3833-3863. | 1.3 | 52 |
| 68 | The chemistryâ€climate model ECHAM6.3-HAM2.3-MOZ1.0. <i>Geoscientific Model Development</i> , 2018, 11, 1695-1723. | 1.3 | 51 |
| 69 | Validation of reactive gases and aerosols in the MACC global analysis and forecast system. <i>Geoscientific Model Development</i> , 2015, 8, 3523-3543. | 1.3 | 49 |
| 70 | Mapping Yearly Fine Resolution Global Surface Ozone through the Bayesian Maximum Entropy Data Fusion of Observations and Model Output for 1990â€2017. <i>Environmental Science & Technology</i> , 2021, 55, 4389-4398. | 4.6 | 47 |
| 71 | ESD Reviews: Climate feedbacks in the Earth system and prospects for their evaluation. <i>Earth System Dynamics</i> , 2019, 10, 379-452. | 2.7 | 46 |
| 72 | 3-D evaluation of tropospheric ozone simulations by an ensemble of regional Chemistry Transport Model. <i>Atmospheric Chemistry and Physics</i> , 2012, 12, 3219-3240. | 1.9 | 44 |

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|----|---|-----|-----------|
| 73 | High levels of ozone and related gases over the Bay of Bengal during winter and early spring of 2001. Atmospheric Environment, 2006, 40, 1633-1644. | 1.9 | 42 |
| 74 | Screening the ESA ATSR-2 World Fire Atlas (1997â€“2002). Atmospheric Chemistry and Physics, 2006, 6, 1409-1424. | 1.9 | 41 |
| 75 | Implementation of the MEGAN (v2.1) biogenic emission model in the ECHAM6-HAMMOZ chemistry climate model. Geoscientific Model Development, 2017, 10, 903-926. | 1.3 | 40 |
| 76 | Trends in peroxyacetyl nitrate (PAN) in the upper troposphere and lower stratosphere over southern Asia during the summer monsoon season: regional impacts. Atmospheric Chemistry and Physics, 2014, 14, 12725-12743. | 1.9 | 39 |
| 77 | Trace gas and aerosol interactions in the fully coupled model of aerosolâ€“chemistryâ€“climate ECHAM5â€“HAMMOZ: 2. Impact of heterogeneous chemistry on the global aerosol distributions. Journal of Geophysical Research, 2008, 113, . | 3.3 | 38 |
| 78 | Impact of sampling frequency in the analysis of tropospheric ozone observations. Atmospheric Chemistry and Physics, 2012, 12, 6757-6773. | 1.9 | 38 |
| 79 | Trace gas measurements during the Oxidizing Capacity of the Tropospheric Atmosphere campaign 1993 at IzaÃ±a. Journal of Geophysical Research, 1998, 103, 13505-13518. | 3.3 | 36 |
| 80 | A model investigation of tropospheric ozone chemical tendencies in long-range transported pollution plumes. Journal of Geophysical Research, 2007, 112, . | 3.3 | 36 |
| 81 | Ozone impacts of gasâ€“aerosol uptake in global chemistry transport models. Atmospheric Chemistry and Physics, 2018, 18, 3147-3171. | 1.9 | 36 |
| 82 | Evaluation of near-surface ozone over Europe from the MACC reanalysis. Geoscientific Model Development, 2015, 8, 2299-2314. | 1.3 | 34 |
| 83 | Forecasts and assimilation experiments of the Antarctic ozone hole 2008. Atmospheric Chemistry and Physics, 2011, 11, 1961-1977. | 1.9 | 33 |
| 84 | Modeling chemical constituents of the atmosphere. Computing in Science and Engineering, 2002, 4, 56-63. | 1.2 | 31 |
| 85 | Cluster analysis of European surface ozone observations for evaluation of MACC reanalysis data. Atmospheric Chemistry and Physics, 2016, 16, 6863-6881. | 1.9 | 31 |
| 86 | Global Real-time Fire Emission Estimates Based on Spaceborne Fire Radiative Power Observations. , 2009, , . | | 30 |
| 87 | Isoprene-derived secondary organic aerosol in the global aerosolâ€“chemistryâ€“climate model ECHAM6.3.0â€“HAM2.3â€“MOZ1.0. Geoscientific Model Development, 2018, 11, 3235-3260. | 1.3 | 30 |
| 88 | Measurements of trace gases and photolysis frequencies during SLOPE96 and a coarse estimate of the local OH concentration from HNO ₃ formation. Journal of Geophysical Research, 2000, 105, 1563-1583. | 3.3 | 29 |
| 89 | Chemical characteristics of air from differing source regions during the Pacific Exploratory Mission-Tropics A (PEM-Tropics A). Journal of Geophysical Research, 1999, 104, 16181-16196. | 3.3 | 27 |
| 90 | Copernicus stratospheric ozone service, 2009â€“2012: validation, system intercomparison and roles of input data sets. Atmospheric Chemistry and Physics, 2015, 15, 2269-2293. | 1.9 | 27 |

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| 91 | Photochemical box modeling of long-range transport from North America to Tenerife during the North Atlantic Regional Experiment (NARE) 1993. <i>Journal of Geophysical Research</i> , 1998, 103, 13477-13488. | 3.3 | 26 |
| 92 | New Directions: GEIA's 2020 vision for better air emissions information. <i>Atmospheric Environment</i> , 2013, 81, 710-712. | 1.9 | 25 |
| 93 | Evaluating the impact of chemical boundary conditions on near surface ozone in regional climate air quality simulations over Europe. <i>Atmospheric Research</i> , 2013, 134, 116-130. | 1.8 | 25 |
| 94 | Transport pathways of peroxyacetyl nitrate in the upper troposphere and lower stratosphere from different monsoon systems during the summer monsoon season. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 11477-11499. | 1.9 | 24 |
| 95 | An intercomparison of tropospheric ozone reanalysis products from CAMS, CAMS interim, TCR-1, and TCR-2. <i>Geoscientific Model Development</i> , 2020, 13, 1513-1544. | 1.3 | 24 |
| 96 | Intercomparison of NO, NO ₂ , NO _y , O ₃ , and RO _x measurements during the Oxidizing Capacity of the Tropospheric Atmosphere (OCTA) campaign 1993 at Izaña. <i>Journal of Geophysical Research</i> , 1998, 103, 13615-13634. | 3.3 | 23 |
| 97 | A new method (M<sup>3</sup>Fusion v1) for combining observations and multiple model output for an improved estimate of the global surface ozone distribution. <i>Geoscientific Model Development</i> , 2019, 12, 955-978. | 1.3 | 23 |
| 98 | IntelliO ₃ -ts v1.0: a neural network approach to predict near-surface ozone concentrations in Germany. <i>Geoscientific Model Development</i> , 2021, 14, 1-25. | 1.3 | 23 |
| 99 | Chemical NO _x budget in the upper troposphere over the tropical South Pacific. <i>Journal of Geophysical Research</i> , 2000, 105, 6669-6679. | 3.3 | 22 |
| 100 | What causes the irregular cycle of the atmospheric tape recorder signal in HCN?. <i>Geophysical Research Letters</i> , 2010, 37, . | 1.5 | 22 |
| 101 | A photochemical modeling study of ozone and formaldehyde generation and budget in the Po basin. <i>Journal of Geophysical Research</i> , 2007, 112, . | 3.3 | 21 |
| 102 | Impact of U.S. Oil and Natural Gas Emission Increases on Surface Ozone Is Most Pronounced in the Central United States. <i>Environmental Science & Technology</i> , 2020, 54, 12423-12433. | 4.6 | 21 |
| 103 | Improved albedo formulation for chemistry transport models based on satellite observations and assimilated snow data and its impact on tropospheric photochemistry. <i>Journal of Geophysical Research</i> , 2005, 110, . | 3.3 | 16 |
| 104 | Tropospheric distribution of ozone and its precursors over the tropical Indian Ocean. <i>Journal of Geophysical Research</i> , 2003, 108, . | 3.3 | 15 |
| 105 | Sensitivity of tracer transport to model resolution, prescribed meteorology and tracer lifetime in the general circulation model ECHAM5. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 3385-3396. | 1.9 | 14 |
| 106 | Influence of various emission scenarios on ozone in Europe. <i>Ecological Modelling</i> , 2008, 217, 209-218. | 1.2 | 12 |
| 107 | Transport of tropospheric and stratospheric ozone over India: Balloon-borne observations and modeling analysis. <i>Atmospheric Environment</i> , 2016, 131, 228-242. | 1.9 | 12 |
| 108 | In situ temperature measurements in the upper troposphere and lowermost stratosphere from 2 decades of IAGOS long-term routine observation. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 12495-12508. | 1.9 | 12 |

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|-----|--|-----|-----------|
| 109 | AQ-Bench: a benchmark dataset for machine learning on global air quality metrics. Earth System Science Data, 2021, 13, 3013-3033. | 3.7 | 12 |
| 110 | Global, high-resolution mapping of tropospheric ozone – explainable machine learning and impact of uncertainties. Geoscientific Model Development, 2022, 15, 4331-4354. | 1.3 | 12 |
| 111 | Trend detection of atmospheric time series. Elementa, 2021, 9, . | 1.1 | 10 |
| 112 | The sensitivity of Western European NO ₂ columns to interannual variability of meteorology and emissions: a model–GOME study. Atmospheric Science Letters, 2008, 9, 182-188. | 0.8 | 8 |
| 113 | Open weather and climate science in the digital era. Geoscience Communication, 2020, 3, 191-201. | 0.5 | 7 |
| 114 | Climate change reduces warming potential of nitrous oxide by an enhanced Brewer–Dobson circulation. Geophysical Research Letters, 2016, 43, 5851-5859. | 1.5 | 5 |
| 115 | MLAir (v1.0) – a tool to enable fast and flexible machine learning on air data time series. Geoscientific Model Development, 2021, 14, 1553-1574. | 1.3 | 5 |
| 116 | Context aware benchmarking and tuning of a TByte-scale air quality database and web service. Earth Science Informatics, 2021, 14, 1597-1607. | 1.6 | 5 |
| 117 | Observing and Understanding Tropospheric Ozone Changes: Tropospheric Ozone Changes Workshop; Boulder, Colorado, 14–16 October 2009. Eos, 2010, 91, 119. | 0.1 | 4 |
| 118 | Climatic impact of surface transport. Issues in Environmental Science and Technology, 0, , 111-128. | 0.4 | 4 |
| 119 | Peroxy acetyl nitrate (PAN) measurements at northern midlatitude mountain sites in April: a constraint on continental source–receptor relationships. Atmospheric Chemistry and Physics, 2018, 18, 15345-15361. | 1.9 | 3 |
| 120 | Exploring decomposition of temporal patterns to facilitate learning of neural networks for ground-level daily maximum 8-hour average ozone prediction. , 2022, 1, . | | 3 |
| 121 | The Chemistry Climate Model ECHAM6.3-HAM2.3-MOZ1.0. Geoscientific Model Development Discussions (GMDD), 0, , 1-43. | 0.0 | 2 |
| 122 | A Web Service Architecture for Objective Station Classification Purposes. , 2018, , . | | 1 |
| 123 | How to develop new digital knowledge transfer products for communicating strategies and new ways towards a carbon-neutral Germany. Advances in Science and Research, 0, 19, 51-71. | 1.0 | 1 |
| 124 | A New Tool for Automated Quality Control of Environmental Time Series (AutoQC4Env) in Open Web Services. Lecture Notes in Business Information Processing, 2019, , 513-518. | 0.8 | 0 |