

Louisa K Emmons

List of Publications by Year in descending order

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283
papers

23,812
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15497

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h-index

11245

138
g-index

456
all docs

456
docs citations

456
times ranked

18337
citing authors

#	ARTICLE	IF	CITATIONS
1	Perioperative Lignocaine Intravenous Infusion (PLIV) in Maxillofacial Surgeries: Risk and Safety Considerations and Management. <i>Journal of Maxillofacial and Oral Surgery</i> , 2024, 23, 448-449.	1.3	1
2	Measurements and Modeling of the Interhemispheric Differences of Atmospheric Chlorinated Very Short-Lived Substances. <i>Journal of Geophysical Research D: Atmospheres</i> , 2024, 129, .	3.3	0
3	Eccentricity Forcing of the Hydrological Cycle in East Asia During the Early Eocene Climatic Optimum (EECO). <i>Journal of Geophysical Research D: Atmospheres</i> , 2024, 129, .	3.3	0
4	No evidence that recruitment pheromone modulates olfactory, visual, or spatial learning in the ant <i>Lasius niger</i> . <i>Behavioral Ecology and Sociobiology</i> , 2024, 78, .	1.5	0
5	Sensitivity of the WRF-Chem v4.4 simulations of ozone and formaldehyde and their precursors to multiple bottom-up emission inventories over East Asia during the KORUS-AQ 2016 field campaign. <i>Geoscientific Model Development</i> , 2024, 17, 1931-1955.	3.7	0
6	Global expansion of wildland-urban interface (WUI) and WUI fires: insights from a multiyear worldwide unified database (WUWUI). <i>Environmental Research Letters</i> , 2024, 19, 044028.	5.3	3
7	Advantages of assimilating multispectral satellite retrievals of atmospheric composition: a demonstration using MOPITT carbon monoxide products. <i>Atmospheric Measurement Techniques</i> , 2024, 17, 1941-1963.	3.1	0
8	Multiscale CO Budget Estimates Across South America: Quantifying Local Sources and Long Range Transport. <i>Journal of Geophysical Research D: Atmospheres</i> , 2024, 129, .	3.3	0
9	Large transboundary health impact of Arctic wildfire smoke. <i>Communications Earth & Environment</i> , 2024, 5, .	6.7	0
10	Nonlinear and Non-Gaussian Ensemble Assimilation of MOPITT CO. <i>Journal of Geophysical Research D: Atmospheres</i> , 2024, 129, .	3.3	0
11	Intercomparison of GEOS-Chem and CAM-chem tropospheric oxidant chemistry within the Community Earth System Model version 2 (CESM2). <i>Atmospheric Chemistry and Physics</i> , 2024, 24, 8607-8624.	5.0	0
12	Quantifying the diurnal variation in atmospheric NO ₂ from Geostationary Environment Monitoring Spectrometer (GEMS) observations. <i>Atmospheric Chemistry and Physics</i> , 2024, 24, 8943-8961.	5.0	0
13	Heterogeneity and chemical reactivity of the remote troposphere defined by aircraft measurements â€œcorrected. <i>Atmospheric Chemistry and Physics</i> , 2023, 23, 99-117.	5.0	3
14	Capturing High-Resolution Air Pollution Features Using the Multi-Scale Infrastructure for Chemistry and Aerosols Version 0 (MUSICA _{v0}) Global Modeling System. <i>Journal of Geophysical Research D: Atmospheres</i> , 2023, 128, .	3.3	3
15	Exploring the Factors Controlling the Long-Term Trend (1988â€“2019) of Surface Organic Aerosols in the Continental United States by Simulations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2023, 128, .	3.3	3
16	Digital competency as a key to the financial inclusion of young people in complex scenarios: A focus groups study. <i>Citizenship, Social and Economics Education</i> , 2023, 22, 48-62.	0.8	3
17	Machiavelli's Representation of the People in the Ciompi Revolt1. , 2023, , 145-164.		0
18	Analysis of fall risk increasing drugs on Morse Fall Scale in geriatric patients (a study at geriatric) Tj ETQqO 0 0 rgBT /Overlock 10 Tf 50		

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19	Impact of solar geoengineering on wildfires in the 21st century in CESM2/WACCM6. Atmospheric Chemistry and Physics, 2023, 23, 5467-5486.	5.0	5
20	Performance Evaluation Method Biology Learning Project as An Effective Teaching Tool. Journal of Humanities and Education Development, 2023, 5, 5-9.	0.2	0
21	Flexible capacitive sensor based on Miura-ori structure. Chemical Engineering Journal, 2023, 468, 143514.	13.0	18
22	Comparison of Urban Air Quality Simulations During the KORUSâ€œAQ Campaign With Regionally Refined Versus Global Uniform Grids in the Multiâ€œScale Infrastructure for Chemistry and Aerosols (MUSICA) Version 0. Journal of Advances in Modeling Earth Systems, 2023, 15, .	3.7	5
23	The Fire Inventory from NCAR version 2.5: an updated global fire emissions model for climate and chemistry applications. Geoscientific Model Development, 2023, 16, 3873-3891.	3.7	29
24	A new simplified parameterization of secondary organic aerosol in the Community Earth System Model Version 2 (CESM2; CAM6.3). Geoscientific Model Development, 2023, 16, 3893-3906.	3.7	3
25	Ability to Participate in Criminal Proceedings. , 2023, , 328-374.		0
26	Global Scale Inversions from MOPITT CO and MODIS AOD. Remote Sensing, 2023, 15, 4813.	4.1	5
27	Improving nitrogen cycling in a land surface model (CLM5) to quantify soil N₂O, NO, and NH₃ emissions from enhanced rock weathering with croplands. Geoscientific Model Development, 2023, 16, 5783-5801.	3.7	3
28	Application of the Multi-Scale Infrastructure for Chemistry and Aerosols version 0 (MUSICAv0) for air quality research in Africa. Geoscientific Model Development, 2023, 16, 6001-6028.	3.7	1
29	Modeling the Air Pollution and Aerosolâ€œPBL Interactions Over China Using a Variableâ€œResolution Global Model. Journal of Geophysical Research D: Atmospheres, 2023, 128, .	3.3	0
30	Patulin Imprinted Nanoparticles Decorated Surface Plasmon Resonance Chips for Patulin Detection. Photonic Sensors, 2022, 12, 117-129.	5.0	18
31	Proactive pedestrian safety evaluation at urban road network level, an experience in Kolkata City, India. International Journal of Injury Control and Safety Promotion, 2022, 29, 160-181.	2.1	3
32	Reconciling Observed and Predicted Tropical Rainforest OH Concentrations. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	3.3	9
33	The Role of Snow in Controlling Halogen Chemistry and Boundary Layer Oxidation During Arctic Spring: A 1D Modeling Case Study. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	3.3	6
34	Superconvergence analysis of a BDF-3 finite element method for nonlinear parabolic equation. Computational and Applied Mathematics, 2022, 41, 1.	2.2	0
35	Evaluating the Impact of Chemical Complexity and Horizontal Resolution on Tropospheric Ozone Over the Conterminous US With a Global Variable Resolution Chemistry Model. Journal of Advances in Modeling Earth Systems, 2022, 14, .	3.7	29
36	Attribution of Stratospheric and Tropospheric Ozone Changes Between 1850 and 2014 in CMIP6 Models. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	3.3	8

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37	Effects of Fire Diurnal Variation and Plume Rise on U.S. Air Quality During FIREXâ€AQ and WEâ€CAN Based on the Multiâ€Scale Infrastructure for Chemistry and Aerosols (MUSICAv0). Journal of Geophysical Research D: Atmospheres, 2022, 127, .	3.3	19
38	PP164 [Other]: A LONGITUDINAL TREND OF PUBLICATIONS RELATED TO PEDIATRIC CRITICAL CARE MEDICINE FROM PAKISTAN. Pediatric Critical Care Medicine, 2022, 23, .	0.6	0
39	Importance of different parameterization changes for the updated dust cycle modeling in the Community Atmosphere Model (version 6.1). Geoscientific Model Development, 2022, 15, 8181-8219.	3.7	10
40	Development and Evaluation of E3SMâ€MOSAIC: Spatial Distributions and Radiative Effects of Nitrate Aerosol. Journal of Advances in Modeling Earth Systems, 2022, 14, .	3.7	1
41	Implementation and evaluation of the GEOS-Chem chemistry module version 13.1.2 within the Community Earth System Model v2.1. Geoscientific Model Development, 2022, 15, 8669-8704.	3.7	5
42	Multi-model intercomparisons of air quality simulations for the KORUS-AQ campaign. Elementa, 2021, 9, .	3.3	49
43	Cardiac magnetic resonance in the diagnosis of the unusually detected acute myocarditis in the young people: a case report. AME Case Reports, 2021, 5, 35-35.	0.6	0
44	Contributions of World Regions to the Global Tropospheric Ozone Burden Change From 1980 to 2010. Geophysical Research Letters, 2021, 48, .	4.0	28
45	The Koreaâ€United States Air Quality (KORUS-AQ) field study. Elementa, 2021, 9, 1-27.	3.3	96
46	Effective radiative forcing from emissions of reactive gases and aerosols â€ a multi-model comparison. Atmospheric Chemistry and Physics, 2021, 21, 853-874.	5.0	75
47	Future changes in isoprene-epoxydiol-derived secondary organic aerosol (IEPOX SOA) under the Shared Socioeconomic Pathways: the importance of physicochemical dependency. Atmospheric Chemistry and Physics, 2021, 21, 3395-3425.	5.0	18
48	Tropospheric ozone in CMIP6 simulations. Atmospheric Chemistry and Physics, 2021, 21, 4187-4218.	5.0	103
49	How we had arrived at the town of Ciguatpecad and how he [CortÃ©s] sent Francisco de Medina to meet Simon de Cuenca and proceed with the two vessels already mentioned by me to Triunfo de la Cruz or to the Golfo Dulce, and what else happened.. , 2021, , 17-23.		0
50	Air pollution trends measured from Terra: CO and AOD over industrial, fire-prone, and background regions. Remote Sensing of Environment, 2021, 256, 112275.	11.1	54
51	The impact of Los Angeles Basin pollution and stratospheric intrusions on the surrounding San Gabriel Mountains as seen by surface measurements, lidar, and numerical models. Atmospheric Chemistry and Physics, 2021, 21, 6129-6153.	5.0	7
52	Development and Evaluation of Chemistryâ€Aerosolâ€Climate Model CAM5â€Chemâ€MAM7â€MOSAIC: Global Atmospheric Distribution and Radiative Effects of Nitrate Aerosol. Journal of Advances in Modeling Earth Systems, 2021, 13, e2020MS002346.	3.7	20
53	Fate of Pollution Emitted During the 2015 Indonesian Fire Season. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD033474.	3.3	5
54	Analysis of secondary organic aerosol simulation bias in the Community Earth System Model (CESM2.1). Atmospheric Chemistry and Physics, 2021, 21, 8003-8021.	5.0	12

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55	Assessing sub-grid variability within satellite pixels over urban regions using airborne mapping spectrometer measurements. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 4639-4655.	3.1	7
56	Quantifying Nitrous Acid Formation Mechanisms Using Measured Vertical Profiles During the CalNex 2010 Campaign and 1D Column Modeling. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD034689.	3.3	14
57	Radiative Forcing of Nitrate Aerosols From 1975 to 2010 as Simulated by MOSAIC Module in CESM2â€MAM4. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD034809.	3.3	15
58	Evaluation and intercomparison of wildfire smoke forecasts from multiple modeling systems for the 2019 Williams Flats fire. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 14427-14469.	5.0	39
59	Harmonized Emissions Component (HEMCO) 3.0 as a versatile emissions component for atmospheric models: application in the GEOS-Chem, NASA GEOS, WRF-GC, CESM2, NOAA GEFS-Aerosol, and NOAA UFS models. <i>Geoscientific Model Development</i> , 2021, 14, 5487-5506.	3.7	30
60	Chemical Tomography in a Fresh Wildland Fire Plume: A Large Eddy Simulation (LES) Study. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD035203.	3.3	17
61	Heterogeneity and chemical reactivity of the remote troposphere defined by aircraft measurements. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 13729-13746.	5.0	4
62	Diagnostic inflammatory markers of acute cholangitis in liver transplant recipients. <i>ANZ Journal of Surgery</i> , 2021, 91, 439-444.	0.7	3
63	The Interaction of Sickle Cell Trait and Anticardiolipin Antibodies in Venousthromboembolism. <i>Blood</i> , 2021, 138, 4261-4261.	1.4	1
64	Wind-Wave Interaction in Sengguruh Reservoir and The Effect to Riprap Material. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 930, 012070.	0.3	0
65	Large contribution of biomass burning emissions to ozone throughout the global remote troposphere. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.6	58
66	Study on the Optimal Prestress Level of RC Beams Reinforced with SMA Bars. <i>Advances in Civil Engineering</i> , 2021, 2021, 1-12.	0.7	0
67	Early diagnosis and risk factors of acute hepatitis C in high-risk MSM on preexposure prophylaxis. <i>Aids</i> , 2020, 34, 47-52.	2.2	20
68	Global Atmospheric Budget of Acetone: Airâ€Sea Exchange and the Contribution to Hydroxyl Radicals. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032553.	3.3	20
69	Nutritional Management of Patients With Enterocutaneous Fistulas: Practice and Progression. <i>Frontiers in Nutrition</i> , 2020, 7, 564379.	3.8	15
70	PGC-1Î± regulates autophagy to promote fibroblast activation and tissue fibrosis. <i>Annals of the Rheumatic Diseases</i> , 2020, 79, 1227-1233.	7.6	23
71	The Community Earth System Model Version 2 (CESM2). <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2019MS001916.	3.7	1,143
72	Odd-frequency superconductivity near a magnetic impurity in a conventional superconductor. <i>Physical Review B</i> , 2020, 101, .	3.3	20

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73	Synthesis, Characterization, and Application of Superparamagnetic Iron Oxide Nanoprobes for Extrapulmonary Tuberculosis Detection. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	0
74	Understanding and improving model representation of aerosol optical properties for a Chinese haze event measured during KORUS-AQ. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 6455-6478.	5.0	21
75	Assessing Measurements of Pollution in the Troposphere (MOPITT) carbon monoxide retrievals over urban versus non-urban regions. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 1337-1356.	3.1	16
76	The Chemistry Mechanism in the Community Earth System Model Version 2 (CESM2). <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2019MS001882.	3.7	222
77	Comprehensive isoprene and terpene gas-phase chemistry improves simulated surface ozone in the southeastern US. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 3739-3776.	5.0	49
78	Characterization, sources and reactivity of volatile organic compounds (VOCs) in Seoul and surrounding regions during KORUS-AQ. <i>Elementa</i> , 2020, 8, .	3.3	48
79	Trends in global tropospheric hydroxyl radical and methane lifetime since 1850 from AerChemMIP. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 12905-12920.	5.0	65
80	Historical and future changes in air pollutants from CMIP6 models. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 14547-14579.	5.0	125
81	Correcting model biases of CO in East Asia: impact on oxidant distributions during KORUS-AQ. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 14617-14647.	5.0	41
82	Climate and air quality impacts due to mitigation of non-methane near-term climate forcers. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 9641-9663.	5.0	35
83	A simplified parameterization of isoprene-epoxydiol-derived secondary organic aerosol (IEPOX-SOA) for global chemistry and climate models: a case study with GEOS-Chem v11-02-rc. <i>Geoscientific Model Development</i> , 2019, 12, 2983-3000.	3.7	23
84	Semi-Batch Photocatalytic Reduction of Nitrates: Role of Process Conditions and Co-Catalysts. <i>ChemCatChem</i> , 2019, 11, 4642-4652.	3.8	21
85	Ocean Biogeochemistry Control on the Marine Emissions of Brominated Very Short-Lived Ozone-Depleting Substances: A Machine-Learning Approach. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 12319-12339.	3.3	19
86	The Whole Atmosphere Community Climate Model Version 6 (WACCM6). <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 12380-12403.	3.3	311
87	NK cells are activated and primed for skin-homing during acute dengue virus infection in humans. <i>Nature Communications</i> , 2019, 10, 3897.	13.2	50
88	Caterpillar Chewing Vibrations Cause Changes in Plant Hormones and Volatile Emissions in <i>Arabidopsis thaliana</i> . <i>Frontiers in Plant Science</i> , 2019, 10, 810.	3.8	31
89	Effect of dietary supplementation of formic acid, butyric acid or their combination on carcass and meat characteristics of broiler chickens. <i>Journal of the Indonesian Tropical Animal Agriculture</i> , 2019, 44, 286.	0.4	7
90	Heavy metal ion discrimination based on distinct interaction between single-stranded DNA and methylene blue. <i>Analytical Methods</i> , 2019, 11, 17-20.	2.7	6

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91	Mapping the H2 resistance effective against <i>Globodera pallida</i> pathotype Pa1 in tetraploid potato. <i>Theoretical and Applied Genetics</i> , 2019, 132, 1283-1294.	3.7	43
92	In Vivo-Relevant Transwell Dish-Based Dissolution Testing for Orally Inhaled Corticosteroid Products. <i>Pharmaceutical Research</i> , 2019, 36, 95.	3.6	10
93	Source Contributions to Carbon Monoxide Concentrations During KORUSâ€AQ Based on CAMâ€chem Model Applications. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 2796-2822.	3.3	22
94	Atmospheric Acetaldehyde: Importance of Airâ€Sea Exchange and a Missing Source in the Remote Troposphere. <i>Geophysical Research Letters</i> , 2019, 46, 5601-5613.	4.0	42
95	Synthesis, structure and biological properties of benzimidazole-based Cu(II)/Zn(II) complexes. <i>Inorganic Chemistry Communication</i> , 2019, 105, 97-101.	4.0	19
96	Climate Forcing and Trends of Organic Aerosols in the Community Earth System Model (CESM2). <i>Journal of Advances in Modeling Earth Systems</i> , 2019, 11, 4323-4351.	3.7	100
97	Balance of Emission and Dynamical Controls on Ozone During the Koreaâ€United States Air Quality Campaign From Multiconstituent Satellite Data Assimilation. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 387-413.	3.3	53
98	Allogeneic hematopoietic stem cells transplantation improves the survival of intermediate-risk acute myeloid leukemia patients aged less than 60Âyears. <i>Annals of Hematology</i> , 2019, 98, 997-1007.	1.8	22
99	Patterns of Renal Recovery and Toxicity with Novel Agent-Based Induction Triplets in Newly Diagnosed Multiple Myeloma - an Analysis of Two Prospective Studies By the German DSMM Myeloma Study Group. <i>Blood</i> , 2019, 134, 1840-1840.	1.4	0
100	Evaluating simplified chemical mechanisms within present-day simulations of the Community Earth System Model version 1.2 with CAM4 (CESM1.2 CAM-chem): MOZART-4 vs. Reduced Hydrocarbon vs. Super-Fast chemistry. <i>Geoscientific Model Development</i> , 2018, 11, 4155-4174.	3.7	12
101	Long-range transport impacts on surface aerosol concentrations and the contributions to haze events in China: an HTAP2 multi-model study. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 15581-15600.	5.0	13
102	The impact of future emission policies on tropospheric ozone using a parameterised approach. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 8953-8978.	5.0	52
103	Simulated Global Climate Response to Tropospheric Ozoneâ€Induced Changes in Plant Transpiration. <i>Geophysical Research Letters</i> , 2018, 45, 13070-13079.	4.0	21
104	Maximizing ozone signals among chemical, meteorological, and climatological variability. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 8373-8388.	5.0	7
105	Links Between Carbon Monoxide and Climate Indices for the Southern Hemisphere and Tropical Fire Regions. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 9786-9800.	3.3	16
106	The effects of intercontinental emission sources on European air pollution levels. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 13655-13672.	5.0	35
107	Premounted stents for branch pulmonary artery stenosis in children: A short term solution. <i>Catheterization and Cardiovascular Interventions</i> , 2018, 92, 1315-1322.	1.7	17
108	Cross-cultural invariances in the architecture of shame. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 9702-9707.	7.6	75

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109	Source contributions to sulfur and nitrogen deposition – an HTAP II multi-model study on hemispheric transport. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 12223-12240.	5.0	21
110	Multi-model study of HTAP II on sulfur and nitrogen deposition. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 6847-6866.	5.0	51
111	HTAP2 multi-model estimates of premature human mortality due to intercontinental transport of air pollution and emission sectors. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 10497-10520.	5.0	59
112	Using an Inverse Model to Reconcile Differences in Simulated and Observed Global Ethane Concentrations and Trends Between 2008 and 2014. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 11,262.	3.3	17
113	Preface to a Special Issue – Megacity Air Pollution Studies (MAPS). <i>Aerosol and Air Quality Research</i> , 2018, 18, I-IV.	2.1	6
114	SAT0635 – Magnetic resonance imaging of the cervical spine in patients with rheumatoid arthritis and ankylosing spondylitis presenting with chronic neck pain – a systematic comparison of clinical assessments. <i>Annals of the Rheumatic Diseases</i> , 2018, , .	7.6	0
115	Quantifying the causes of differences in tropospheric OH within global models. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 1983-2007.	3.3	28
116	Chemical Feedback From Decreasing Carbon Monoxide Emissions. <i>Geophysical Research Letters</i> , 2017, 44, 9985-9995.	4.0	57
117	Evaluation of the general three-loop vacuum Feynman integral. <i>Physical Review D</i> , 2017, 95, .	4.8	30
118	Effects of electrically charged dark matter on cosmic microwave background anisotropies. <i>Physical Review D</i> , 2017, 95, .	4.8	19
119	Quantifying black carbon deposition over the Greenland ice sheet from forest fires in Canada. <i>Geophysical Research Letters</i> , 2017, 44, 7965-7974.	4.0	61
120	Characterization of carbon monoxide, methane and nonmethane hydrocarbons in emerging cities of Saudi Arabia and Pakistan and in Singapore. <i>Journal of Atmospheric Chemistry</i> , 2017, 74, 87-113.	3.2	19
121	Impact of intercontinental pollution transport on North American ozone air pollution: an HTAP phase 2 multi-model study. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 5721-5750.	5.0	51
122	Decoupling peroxyacetyl nitrate from ozone in Chinese outflows observed at Gosan Climate Observatory. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 10619-10631.	5.0	16
123	Representation of the Community Earth System Model (CESM1) CAM4-chem within the Chemistry-Climate Model Initiative (CCMI). <i>Geoscientific Model Development</i> , 2016, 9, 1853-1890.	3.7	129
124	Coexistence of two lactate-utilizing systems in <i>Pseudomonas putida</i> KT2440. <i>Environmental Microbiology Reports</i> , 2016, 8, 699-707.	2.6	9
125	Toward a chemical reanalysis in a coupled chemistry–climate model: An evaluation of MOPITT CO assimilation and its impact on tropospheric composition. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 7310-7343.	3.3	43
126	An observationally constrained evaluation of the oxidative capacity in the tropical western Pacific troposphere. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 7461-7488.	3.3	20

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127	Global and regional radiative forcing from 20% reductions in BC, OC and SO ₂ and CH ₄ : an HTAP2 multi-model study. Atmospheric Chemistry and Physics, 2016, 16, 13579-13599.	5.0	42
128	Ozone variability in the troposphere and the stratosphere from the first 6 years of IASI observations (2008–2013). Atmospheric Chemistry and Physics, 2016, 16, 5721-5743.	5.0	29
129	Interpreting space-based trends in carbon monoxide with multiple models. Atmospheric Chemistry and Physics, 2016, 16, 7285-7294.	5.0	32
130	Arabic named entity disambiguation using linked open data. , 2016, , .		3
131	Evaluating ethane and methane emissions associated with the development of oil and natural gas extraction in North America. Environmental Research Letters, 2016, 11, 044010.	5.3	86
132	Reversal of global atmospheric ethane and propane trends largely due to US oil and natural gas production. Nature Geoscience, 2016, 9, 490-495.	11.9	160
133	Experimental and Theoretical Electron Density Analysis of Copper Pyrazine Nitrate Quasi-Low-Dimensional Quantum Magnets. Journal of the American Chemical Society, 2016, 138, 2280-2291.	14.6	43
134	Generic and Weak Demonstratives: The Realm of Kinds. Journal of Portuguese Linguistics, 2016, 14, 45.	0.1	1
135	Variation of atmospheric CO, CH ₃ C, and CH ₃ O at high northern latitude during 2004–2009: Observations and model simulations. Journal of Geophysical Research D: Atmospheres, 2015, 120, 11,024.	3.3	4
136	Explaining Declining Rates of Institutional LTC Use in the Netherlands: A Decomposition Approach. Health Economics (United Kingdom), 2015, 24, 18-31.	1.8	36
137	Broadband planar printed quasi-Yagi based on Vivaldi structure. , 2015, , .		1
138	Multi-model simulation of CO and HCHO in the Southern Hemisphere: comparison with observations and impact of biogenic emissions. Atmospheric Chemistry and Physics, 2015, 15, 7217-7245.	5.0	32
139	Identifying fire plumes in the Arctic with tropospheric FTIR measurements and transport models. Atmospheric Chemistry and Physics, 2015, 15, 2227-2246.	5.0	29
140	How emissions, climate, and land use change will impact mid-century air quality over the United States: a focus on effects at national parks. Atmospheric Chemistry and Physics, 2015, 15, 2805-2823.	5.0	106
141	Multi-model study of chemical and physical controls on transport of anthropogenic and biomass burning pollution to the Arctic. Atmospheric Chemistry and Physics, 2015, 15, 3575-3603.	5.0	85
142	Biomass burning influence on high-latitude tropospheric ozone and reactive nitrogen in summer 2008: a multi-model analysis based on POLMIP simulations. Atmospheric Chemistry and Physics, 2015, 15, 6047-6068.	5.0	44
143	The POLARCAT Model Intercomparison Project (POLMIP): overview and evaluation with observations. Atmospheric Chemistry and Physics, 2015, 15, 6721-6744.	5.0	64
144	Limited effect of anthropogenic nitrogen oxides on secondary organic aerosol formation. Atmospheric Chemistry and Physics, 2015, 15, 13487-13506.	5.0	19

#	ARTICLE	IF	CITATIONS
145	Hemostatic variables, plasma lactate concentration, and inflammatory biomarkers in dogs with gastric dilatation-volvulus. <i>Tierärztliche Praxis Ausgabe K: Kleintiere - Heimtiere</i> , 2015, 43, 389-398.	0.3	7
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