

Jordan L Schnell

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,334
citations

361413

20
h-index

501196

28
g-index

45
all docs

45
docs citations

45
times ranked

2277
citing authors

#	ARTICLE	IF	CITATIONS
1	Tropospheric Ozone Assessment Report: Assessment of global-scale model performance for global and regional ozone distributions, variability, and trends. <i>Elementa</i> , 2018, 6, .	3.2	177
2	The COVID-19 lockdowns: a window into the Earth System. <i>Nature Reviews Earth & Environment</i> , 2020, 1, 470-481.	29.7	153
3	Co-occurrence of extremes in surface ozone, particulate matter, and temperature over eastern North America. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 2854-2859.	7.1	131
4	Synoptic and meteorological drivers of extreme ozone concentrations over Europe. <i>Environmental Research Letters</i> , 2016, 11, 024005.	5.2	116
5	Multi-model simulations of aerosol and ozone radiative forcing due to anthropogenic emission changes during the period 1990–2015. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 2709-2720.	4.9	87
6	Greenhouse gas emissions from diverse Arctic Alaskan lakes are dominated by young carbon. <i>Nature Climate Change</i> , 2018, 8, 166-171.	18.8	72
7	The GFDL Global Atmospheric Chemistry–Climate Model AM4.1: Model Description and Simulation Characteristics. <i>Journal of Advances in Modeling Earth Systems</i> , 2020, 12, e2019MS002032.	3.8	51
8	Use of North American and European air quality networks to evaluate global chemistry–climate modeling of surface ozone. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 10581-10596.	4.9	50
9	Exploring the relationship between surface PM _{2.5} and meteorology in Northern India. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 10157-10175.	4.9	50
10	Air quality impacts from the electrification of light-duty passenger vehicles in the United States. <i>Atmospheric Environment</i> , 2019, 208, 95-102.	4.1	48
11	Skill in forecasting extreme ozone pollution episodes with a global atmospheric chemistry model. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 7721-7739.	4.9	46
12	Effect of climate change on surface ozone over North America, Europe, and East Asia. <i>Geophysical Research Letters</i> , 2016, 43, 3509-3518.	4.0	46
13	Spatial clustering and meteorological drivers of summer ozone in Europe. <i>Atmospheric Environment</i> , 2017, 167, 496-510.	4.1	37
14	Public Health and Climate Benefits and Trade-offs of U.S. Vehicle Electrification. <i>GeoHealth</i> , 2020, 4, e2020GH000275.	4.0	34
15	The differing impact of air stagnation on summer ozone across Europe. <i>Atmospheric Environment</i> , 2019, 219, 117062.	4.1	29
16	Increasing co-occurrence of fine particulate matter and ground-level ozone extremes in the western United States. <i>Science Advances</i> , 2022, 8, eabi9386.	10.3	29
17	Regional responses of surface ozone in Europe to the location of high-latitude blocks and subtropical ridges. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 3111-3131.	4.9	28
18	Average versus high surface ozone levels over the continental USA: model bias, background influences, and interannual variability. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 12123-12140.	4.9	27

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19	Synthetic ozone deposition and stomatal uptake at flux tower sites. <i>Biogeosciences</i> , 2018, 15, 5395-5413.	3.3	22
20	The seasonality and geographic dependence of ENSO impacts on U.S. surface ozone variability. <i>Geophysical Research Letters</i> , 2017, 44, 3420-3428.	4.0	21
21	Multi-Index Attribution of Extreme Winter Air Quality in Beijing, China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 4567-4583.	3.3	16
22	Potential for Electric Vehicle Adoption to Mitigate Extreme Air Quality Events in China. <i>Earth's Future</i> , 2021, 9, e2020EF001788.	6.3	16
23	Have improvements in ozone air quality reduced ozone uptake into plants?. <i>Elementa</i> , 2020, 8, .	3.2	11
24	Effect of adoption of electric vehicles on public health and air pollution in China: a modelling study. <i>Lancet Planetary Health</i> , The, 2021, 5, S8.	11.4	9
25	Characterizing Changes in Eastern U.S. Pollution Events in a Warming World. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.3	8
26	A storyline view of the projected role of remote drivers on summer air stagnation in Europe and the United States. <i>Environmental Research Letters</i> , 2022, 17, 014026.	5.2	5
27	Spatial Variation of Surface O ₃ Responses to Drought Over the Contiguous United States During Summertime: Role of Precursor Emissions and Ozone Chemistry. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.3	4
28	Health Benefits of Electrifying Chicago's Municipal Vehicle Fleet. <i>Lancet Planetary Health</i> , The, 2021, 5, S21.	11.4	0