

# Daniel E Horton

## List of Publications by Year in descending order

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Version: 2024-02-01

37  
papers

3,095  
citations

218677

26  
h-index

330143

37  
g-index

51  
all docs

51  
docs citations

51  
times ranked

4778  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Coronavirus disease 2019 (COVID-19) mortality and neighborhood characteristics in Chicago. <i>Annals of Epidemiology</i> , 2021, 56, 47-54.e5.	1.9	78
3	Persistence of flare-driven atmospheric chemistry on rocky habitable zone worlds. <i>Nature Astronomy</i> , 2021, 5, 298-310.	10.1	60
4	Potential for Electric Vehicle Adoption to Mitigate Extreme Air Quality Events in China. <i>Earth's Future</i> , 2021, 9, e2020EF001788.	6.3	16
5	Health Benefits of Electrifying Chicago's Municipal Vehicle Fleet. <i>Lancet Planetary Health</i> , The, 2021, 5, S21.	11.4	0
6	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
7	Towards using climate to increase lead time of a malaria early warning system in Mozambique. <i>Lancet Planetary Health</i> , The, 2021, 5, S4.	11.4	0
8	Assessing co-benefits incentivizes climate-mitigation action. <i>One Earth</i> , 2021, 4, 1069-1070.	6.8	1
9	The COVID-19 lockdowns: a window into the Earth System. <i>Nature Reviews Earth &amp; Environment</i> , 2020, 1, 470-481.	29.7	153
10	Public Health and Climate Benefits and Tradeoffs of U.S. Vehicle Electrification. <i>GeoHealth</i> , 2020, 4, e2020GH000275.	4.0	34
11	Guidelines for Modeling and Reporting Health Effects of Climate Change Mitigation Actions. <i>Environmental Health Perspectives</i> , 2020, 128, 115001.	6.0	40
12	Loss-On-Ignition Estimates for Soil Organic Carbon in Great Lakes Freshwater Coastal Wetlands. <i>Wetlands</i> , 2020, 40, 1201-1206.	1.5	8
13	Insights from Earth system model initial-condition large ensembles and future prospects. <i>Nature Climate Change</i> , 2020, 10, 277-286.	18.8	436
14	Trends in Persistent Seasonal-Scale Atmospheric Circulation Patterns Responsible for Seasonal Precipitation Totals and Occurrences of Precipitation Extremes over Canada. <i>Journal of Climate</i> , 2019, 32, 7105-7126.	3.2	23
15	Variations in the Intensity and Spatial Extent of Tropical Cyclone Precipitation. <i>Geophysical Research Letters</i> , 2019, 46, 13992-14002.	4.0	37
16	Modeling organic carbon loss from a rapidly eroding freshwater coastal wetland. <i>Scientific Reports</i> , 2019, 9, 4204.	3.3	12
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Habitability and Spectroscopic Observability of Warm M-dwarf Exoplanets Evaluated with a 3D Chemistry-Climate Model. <i>Astrophysical Journal</i> , 2019, 886, 16.	4.5	40
20	Assessing the Contributions of Comet Impact and Volcanism Toward the Climate Perturbations of the Paleocene–Eocene Thermal Maximum. <i>Geophysical Research Letters</i> , 2019, 46, 14798-14806.	4.0	13
21	Biosignature Anisotropy Modeled on Temperate Tidally Locked M-dwarf Planets. <i>Astrophysical Journal Letters</i> , 2018, 868, L6.	8.3	30
22	The Need for an Integrated Land–Lake–Atmosphere Modeling System, Exemplified by North America's Great Lakes Region. <i>Earth's Future</i> , 2018, 6, 1366-1379.	6.3	34
23	Projected timing of perceivable changes in climate extremes for terrestrial and marine ecosystems. <i>Global Change Biology</i> , 2018, 24, 4696-4708.	9.5	29
24	Drought and immunity determine the intensity of West Nile virus epidemics and climate change impacts. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20162078.	2.6	114
25	Quantifying the influence of global warming on unprecedented extreme climate events. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 4881-4886.	7.1	451
26	Remote Linkages to Anomalous Winter Atmospheric Ridging Over the Northeastern Pacific. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 12,194.	3.3	33
27	Trends in atmospheric patterns conducive to seasonal precipitation and temperature extremes in California. <i>Science Advances</i> , 2016, 2, e1501344.	10.3	150
28	Recent amplification of the North American winter temperature dipole. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 9911-9928.	3.3	67
29	Contribution of changes in atmospheric circulation patterns to extreme temperature trends. <i>Nature</i> , 2015, 522, 465-469.	27.8	445
30	Joint bias correction of temperature and precipitation in climate model simulations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 13,153.	3.3	76
31	Thresholds for Paleozoic ice sheet initiation. <i>Geology</i> , 2014, 42, 627-630.	4.4	38
32	Occurrence and persistence of future atmospheric stagnation events. <i>Nature Climate Change</i> , 2014, 4, 698-703.	18.8	247
33	Response of air stagnation frequency to anthropogenically enhanced radiative forcing. <i>Environmental Research Letters</i> , 2012, 7, 044034.	5.2	76
34	Eccentricity-paced late Paleozoic climate change. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2012, 331-332, 150-161.	2.3	87
35	Influence of high-latitude vegetation feedbacks on late Palaeozoic glacial cycles. <i>Nature Geoscience</i> , 2010, 3, 572-577.	12.9	78
36	Paradox of late Paleozoic glacioeustasy. <i>Geology</i> , 2009, 37, 715-718.	4.4	53

#	ARTICLE	IF	CITATIONS
37	Orbital and CO <sub>2</sub> forcing of late Paleozoic continental ice sheets. Geophysical Research Letters, 2007, 34, .	4.0	46