

# Daniel L Goldberg

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

822  
citations

687335  
13  
h-index

888047  
17  
g-index

32  
all docs

32  
docs citations

32  
times ranked

928  
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term trends in urban NO <sub>2</sub> concentrations and associated paediatric asthma incidence: estimates from global datasets. <i>Lancet Planetary Health</i> , The, 2022, 6, e49-e58.	11.4	95
2	Influence of conducive weather on ozone in the presence of reduced NO <sub>x</sub> emissions: A case study in Chicago during the 2020 lockdowns. <i>Atmospheric Pollution Research</i> , 2022, 13, 101313.	3.8	5
3	Declines and peaks in NO <sub>2</sub> pollution during the multiple waves of the COVID-19 pandemic in the New York metropolitan area. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 2399-2417.	4.9	14
4	Diesel passenger vehicle shares influenced COVID-19 changes in urban nitrogen dioxide pollution. <i>Environmental Research Letters</i> , 2022, 17, 074010.	5.2	2
5	TROPOMI NO <sub>2</sub> in the United States: A Detailed Look at the Annual Averages, Weekly Cycles, Effects of Temperature, and Correlation With Surface NO <sub>2</sub> Concentrations. <i>Earth's Future</i> , 2021, 9, e2020EF001665.	6.3	66
6	Shaping the Future of Science: COVID-19 Highlighting the Importance of GeoHealth. <i>GeoHealth</i> , 2021, 5, e2021GH000412.	4.0	5
7	COVID-19 pandemic reveals persistent disparities in nitrogen dioxide pollution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	47
8	Urban NO <sub>x</sub> emissions around the world declined faster than anticipated between 2005 and 2019. <i>Environmental Research Letters</i> , 2021, 16, 115004.	5.2	17
9	Sensitivity of estimated NO <sub>2</sub> -attributable pediatric asthma incidence to grid resolution and urbanicity. <i>Environmental Research Letters</i> , 2021, 16, 014019.	5.2	14
10	Societal shifts due to COVID-19 reveal large-scale complexities and feedbacks between atmospheric chemistry and climate change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	42
11	Disentangling the Impact of the COVID-19 Lockdowns on Urban NO <sub>2</sub> From Natural Variability. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089269.	4.0	144
12	Using Satellites to Track Indicators of Global Air Pollution and Climate Change Impacts: Lessons Learned From a NASA-Supported Science-Stakeholder Collaborative. <i>GeoHealth</i> , 2020, 4, e2020GH000270.	4.0	25
13	A methodology to constrain carbon dioxide emissions from coal-fired power plants using satellite observations of co-emitted nitrogen dioxide. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 99-116.	4.9	40
14	Enhanced Capabilities of TROPOMI NO <sub>2</sub> : Estimating NO <sub>x</sub> from North American Cities and Power Plants. <i>Environmental Science &amp; Technology</i> , 2019, 53, 12594-12601.	10.0	103
15	Exploiting OMI NO <sub>2</sub> satellite observations to infer fossil-fuel CO <sub>2</sub> emissions from U.S. megacities. <i>Science of the Total Environment</i> , 2019, 695, 133805.	8.0	37
16	A top-down assessment using OMI NO <sub>2</sub> suggests an underestimate in the NO <sub>x</sub> emissions inventory in Seoul, South Korea, during KORUS-AQ. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 1801-1818.	4.9	68
17	A high-resolution and observationally constrained OMI NO <sub>2</sub> satellite retrieval. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 11403-11421.	4.9	58