

# Cynthia D Nevison

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5820851/publications.pdf>

Version: 2024-02-01

36  
papers

1,944  
citations

361045

20  
h-index

360668

35  
g-index

39  
all docs

39  
docs citations

39  
times ranked

2991  
citing authors

#	ARTICLE	IF	CITATIONS
1	On the processes controlling the seasonal cycles of the air-sea fluxes of O <sub>2</sub> and N <sub>2</sub> O: A modelling study. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 64, 18429.	0.8	31
2	Nitrification, denitrification, and competition for soil N: Evaluation of two Earth System Models against observations. <i>Ecological Applications</i> , 2022, 32, e2528.	1.8	6
3	Nitrification and denitrification in the Community Land Model compared to observations at Hubbard Brook Forest. <i>Ecological Applications</i> , 2022, , e2530.	1.8	3
4	Forward and Inverse Modelling of Atmospheric Nitrous Oxide Using MIROC4-Atmospheric Chemistry-Transport Model. <i>Journal of the Meteorological Society of Japan</i> , 2022, 100, 361-386.	0.7	8
5	Century-long changes and drivers of soil nitrous oxide (N <sub>2</sub> O) emissions across the contiguous United States. <i>Global Change Biology</i> , 2022, 28, 2505-2524.	4.2	23
6	Nitrification and Denitrification in the Community Land Model Compared to Observations at Hubbard Brook Forest. <i>Bulletin of the Ecological Society of America</i> , 2022, 103, .	0.2	0
7	Agricultural systems. , 2022, , 375-402.		0
8	3D Atmospheric Modeling of the Global Budget of N <sub>2</sub> O and Its Isotopologues for 1980-2019: The Impact of Anthropogenic Emissions. <i>Global Biogeochemical Cycles</i> , 2022, 36, .	1.9	1
9	An Atmospheric Constraint on the Seasonal Air-Sea Exchange of Oxygen and Heat in the Extratropics. <i>Journal of Geophysical Research: Oceans</i> , 2021, 126, e2021JC017510.	1.0	2
10	Magnitude and Uncertainty of Nitrous Oxide Emissions From North America Based on Bottom-Up and Top-Down Approaches: Informing Future Research and National Inventories. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL095264.	1.5	7
11	California Autism Prevalence by County and Race/Ethnicity: Declining Trends Among Wealthy Whites. <i>Journal of Autism and Developmental Disorders</i> , 2020, 50, 4011-4021.	1.7	13
12	Southern Annular Mode Influence on Wintertime Ventilation of the Southern Ocean Detected in Atmospheric O <sub>2</sub> and CO <sub>2</sub> Measurements. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL085667.	1.5	10
13	Race/Ethnicity-Resolved Time Trends in United States ASD Prevalence Estimates from IDEA and ADDM. <i>Journal of Autism and Developmental Disorders</i> , 2019, 49, 4721-4730.	1.7	33
14	CLMcrop yields and water requirements: avoided impacts by choosing RCP 4.5 over 8.5. <i>Climatic Change</i> , 2018, 146, 501-515.	1.7	50
15	Net Community Production in the Southern Ocean: Insights From Comparing Atmospheric Potential Oxygen to Satellite Ocean Color Algorithms and Ocean Models. <i>Geophysical Research Letters</i> , 2018, 45, 10,549-10,559.	1.5	6
16	California Autism Prevalence Trends from 1931 to 2014 and Comparison to National ASD Data from IDEA and ADDM. <i>Journal of Autism and Developmental Disorders</i> , 2018, 48, 4103-4117.	1.7	45
17	Nitrous Oxide Emissions Estimated With the CarbonTracker-Lagrange North American Regional Inversion Framework. <i>Global Biogeochemical Cycles</i> , 2018, 32, 463-485.	1.9	24
18	Diagnostic Substitution for Intellectual Disability: A Flawed Explanation for the Rise in Autism. <i>Journal of Autism and Developmental Disorders</i> , 2017, 47, 2733-2742.	1.7	12

#	ARTICLE	IF	CITATIONS
19	The role of oxidative stress, inflammation and acetaminophen exposure from birth to early childhood in the induction of autism. <i>Journal of International Medical Research</i> , 2017, 45, 407-438.	0.4	63
20	Denitrification, leaching, and river nitrogen export in the Community Earth System Model. <i>Journal of Advances in Modeling Earth Systems</i> , 2016, 8, 272-291.	1.3	29
21	Evaluating CMIP5 ocean biogeochemistry and Southern Ocean carbon uptake using atmospheric potential oxygen: Present-day performance and future projection. <i>Geophysical Research Letters</i> , 2016, 43, 2077-2085.	1.5	22
22	A model for the induction of autism in the ecosystem of the human body: the anatomy of a modern pandemic?. <i>Microbial Ecology in Health and Disease</i> , 2015, 26, 26253.	3.8	21
23	A comparison of temporal trends in United States autism prevalence to trends in suspected environmental factors. <i>Environmental Health</i> , 2014, 13, 73.	1.7	78
24	Correcting oceanic $O_2$ net community production estimates for vertical mixing using $N_2O$ observations. <i>Geophysical Research Letters</i> , 2014, 41, 8961-8970.	1.5	27
25	$N_2O$ production in the eastern South Atlantic: Analysis of $N_2O$ stable isotopic and concentration data. <i>Global Biogeochemical Cycles</i> , 2014, 28, 1262-1278.	1.9	37
26	Quantifying the impact of anthropogenic nitrogen deposition on oceanic nitrous oxide. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	57
27	Systematic assessment of terrestrial biogeochemistry in coupled climate-carbon models. <i>Global Change Biology</i> , 2009, 15, 2462-2484.	4.2	324
28	Contribution of ocean, fossil fuel, land biosphere, and biomass burning carbon fluxes to seasonal and interannual variability in atmospheric $CO_2$ . <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	70
29	Interannual and seasonal variability in atmospheric $N_2O$ . <i>Global Biogeochemical Cycles</i> , 2007, 21, .	1.9	56
30	Quantifying the nitrous oxide source from coastal upwelling. <i>Global Biogeochemical Cycles</i> , 2004, 18, n/a-n/a.	1.9	115
31	Coastal upwelling air-sea fluxes revealed in atmospheric observations of $O_2/N_2$ , $CO_2$ and $N_2O$ . <i>Geophysical Research Letters</i> , 2003, 30, .	1.5	48
32	Global distribution of $N_2O$ and the $\delta^{15}N_2O$ -AOU yield in the subsurface ocean. <i>Global Biogeochemical Cycles</i> , 2003, 17, n/a-n/a.	1.9	203
33	Review of the IPCC methodology for estimating nitrous oxide emissions associated with agricultural leaching and runoff. <i>Chemosphere</i> , 2000, 2, 493-500.	1.2	102
34	A reexamination of the impact of anthropogenically fixed nitrogen on atmospheric $N_2O$ and the stratospheric $O_3$ layer. <i>Journal of Geophysical Research</i> , 1997, 102, 25519-25536.	3.3	71
35	In situ observations of $NO_y$ , $O_3$ , and the $NO_y/O_3$ ratio in the lower stratosphere. <i>Geophysical Research Letters</i> , 1996, 23, 1653-1656.	1.5	44
36	Global oceanic emissions of nitrous oxide. <i>Journal of Geophysical Research</i> , 1995, 100, 15809.	3.3	247