

Cynthia D Nevison

List of Publications by Year in descending order

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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	Systematic assessment of terrestrial biogeochemistry in coupled climate-carbon models. <i>Global Change Biology</i> , 2009, 15, 2462-2484.	4.2	324
2	Global oceanic emissions of nitrous oxide. <i>Journal of Geophysical Research</i> , 1995, 100, 15809.	3.3	247
3	Global distribution of N ₂ O and the ¹⁵ N ₂ O-AOU yield in the subsurface ocean. <i>Global Biogeochemical Cycles</i> , 2003, 17, n/a-n/a.	1.9	203
4	Quantifying the nitrous oxide source from coastal upwelling. <i>Global Biogeochemical Cycles</i> , 2004, 18, n/a-n/a.	1.9	115
5	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
6	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
7	A reexamination of the impact of anthropogenically fixed nitrogen on atmospheric N ₂ O and the stratospheric O ₃ layer. <i>Journal of Geophysical Research</i> , 1997, 102, 25519-25536.	3.3	71
8	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
9	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
10	Quantifying the impact of anthropogenic nitrogen deposition on oceanic nitrous oxide. <i>Geophysical Research Letters</i> , 2012, 39, .	1.5	57
11	Interannual and seasonal variability in atmospheric N ₂ O. <i>Global Biogeochemical Cycles</i> , 2007, 21, .	1.9	56
12	CLM crop 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
13	Coastal upwelling air-sea fluxes revealed in atmospheric observations of O ₂ /N ₂ , CO ₂ and N ₂ O. <i>Geophysical Research Letters</i> , 2003, 30, .	1.5	48
14	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
15	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
16	N ₂ O production in the eastern South Atlantic: Analysis of N ₂ O stable isotopic and concentration data. <i>Global Biogeochemical Cycles</i> , 2014, 28, 1262-1278.	1.9	37
17	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
18	On the processes controlling the seasonal cycles of the air-sea fluxes of O ₂ and N ₂ O: A modelling study. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 64, 18429.	0.8	31

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19	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
20	Correcting oceanic O_2 / Ar net community production estimates for vertical mixing using N_2O observations. <i>Geophysical Research Letters</i> , 2014, 41, 8961-8970.	1.5	27
21	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
22	Century long changes and drivers of soil nitrous oxide (N_2O) emissions across the contiguous United States. <i>Global Change Biology</i> , 2022, 28, 2505-2524.	4.2	23
23	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
24	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
25	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
26	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
27	Southern Annular Mode Influence on Wintertime Ventilation of the Southern Ocean Detected in Atmospheric O_2 and CO_2 Measurements. <i>Geophysical Research Letters</i> , 2020, 47, e2019GL085667.	1.5	10
28	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
29	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
30	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
31	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
32	Nitrification and denitrification in the Community Land Model compared to observations at Hubbard Brook Forest. <i>Ecological Applications</i> , 2022, , e2530.	1.8	3
33	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
34	CO_2 Atmospheric Modeling of the Global Budget of N_2O and Its Isotopologues for 1980 -- 2019: The Impact of Anthropogenic Emissions. <i>Global Biogeochemical Cycles</i> , 2022, 36, .	1.9	1
35	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
36	Agricultural systems. , 2022, , 375-402.		0