

Cynthia D Nevison

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,944
citations

361413
20
h-index

361022
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_2 and N_2O : A modelling study. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 64, 18429.	1.6	31
2	Nitrification, denitrification, and competition for soil N : Evaluation of two Earth System Models against observations. <i>Ecological Applications</i> , 2022, 32, e2528.	3.8	6
3	Nitrification and denitrification in the Community Land Model compared to observations at Hubbard Brook Forest. <i>Ecological Applications</i> , 2022, , e2530.	3.8	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.	1.8	8
5	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.	9.5	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_2O and Its Isotopologues for 1980-2019: The Impact of Anthropogenic Emissions. <i>Global Biogeochemical Cycles</i> , 2022, 36, .	4.9	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.	2.6	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.	4.0	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.	2.7	13
12	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.	4.0	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.	2.7	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.	3.6	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.	4.0	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.	2.7	45
17	Nitrous Oxide Emissions Estimated With the CarbonTracker-Lagrange North American Regional Inversion Framework. <i>Global Biogeochemical Cycles</i> , 2018, 32, 463-485.	4.9	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.	2.7	12

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19	The role of oxidative stress, inflammation and acetaminophen exposure from birth to early childhood in the induction of autism. Journal of International Medical Research, 2017, 45, 407-438.	1.0	63
20	Denitrification, leaching, and river nitrogen export in the Community Earth System Model. Journal of Advances in Modeling Earth Systems, 2016, 8, 272-291.	3.8	29
21	Evaluating CMIP5 ocean biogeochemistry and Southern Ocean carbon uptake using atmospheric potential oxygen: Present-day performance and future projection. Geophysical Research Letters, 2016, 43, 2077-2085.	4.0	22
22	A model for the induction of autism in the ecosystem of the human body: the anatomy of a modern pandemic?. Microbial Ecology in Health and Disease, 2015, 26, 26253.	3.5	21
23	A comparison of temporal trends in United States autism prevalence to trends in suspected environmental factors. Environmental Health, 2014, 13, 73.	4.0	78
24	Correcting oceanic O_2 Ar δ net community production estimates for vertical mixing using N_2O observations. Geophysical Research Letters, 2014, 41, 8961-8970.	4.0	27
25	N_2O production in the eastern South Atlantic: Analysis of N_2O stable isotopic and concentration data. Global Biogeochemical Cycles, 2014, 28, 1262-1278.	4.9	37
26	Quantifying the impact of anthropogenic nitrogen deposition on oceanic nitrous oxide. Geophysical Research Letters, 2012, 39, .	4.0	57
27	Systematic assessment of terrestrial biogeochemistry in coupled climate-carbon models. Global Change Biology, 2009, 15, 2462-2484.	9.5	324
28	Contribution of ocean, fossil fuel, land biosphere, and biomass burning carbon fluxes to seasonal and interannual variability in atmospheric CO_2 . Journal of Geophysical Research, 2008, 113, .	3.3	70
29	Interannual and seasonal variability in atmospheric N_2O . Global Biogeochemical Cycles, 2007, 21, .	4.9	56
30	Quantifying the nitrous oxide source from coastal upwelling. Global Biogeochemical Cycles, 2004, 18, n/a-n/a.	4.9	115
31	Coastal upwelling air-sea fluxes revealed in atmospheric observations of O_2/N_2 , CO_2 and N_2O . Geophysical Research Letters, 2003, 30, .	4.0	48
32	Global distribution of N_2O and the $\delta^{15}N_2O$ -AOU yield in the subsurface ocean. Global Biogeochemical Cycles, 2003, 17, n/a-n/a.	4.9	203
33	Review of the IPCC methodology for estimating nitrous oxide emissions associated with agricultural leaching and runoff. Chemosphere, 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. Journal of Geophysical Research, 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. Geophysical Research Letters, 1996, 23, 1653-1656.	4.0	44
36	Global oceanic emissions of nitrous oxide. Journal of Geophysical Research, 1995, 100, 15809.	3.3	247