

Elisabeth Ann Holland

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

13,251
citations

126907

33
h-index

243625

44
g-index

46
all docs

46
docs citations

46
times ranked

14991
citing authors

#	ARTICLE	IF	CITATIONS
1	Nitrogen Cycles: Past, Present, and Future. <i>Biogeochemistry</i> , 2004, 70, 153-226.	3.5	4,203
2	Nutrient Imbalances in Agricultural Development. <i>Science</i> , 2009, 324, 1519-1520.	12.6	1,082
3	Long-term sensitivity of soil carbon turnover to warming. <i>Nature</i> , 2005, 433, 298-301.	27.8	1,047
4	Climatic, edaphic, and biotic controls over storage and turnover of carbon in soils. <i>Global Biogeochemical Cycles</i> , 1994, 8, 279-293.	4.9	871
5	Consistent Land- and Atmosphere-Based U.S. Carbon Sink Estimates. <i>Science</i> , 2001, 292, 2316-2320.	12.6	746
6	CAM-chem: description and evaluation of interactive atmospheric chemistry in the Community Earth System Model. <i>Geoscientific Model Development</i> , 2012, 5, 369-411.	3.6	633
7	Mechanisms of shrubland expansion: land use, climate or CO ₂ ?. <i>Climatic Change</i> , 1995, 29, 91-99.	3.6	604
8	Litter Placement Effects on Microbial and Organic Matter Dynamics in an Agroecosystem. <i>Ecology</i> , 1987, 68, 425-433.	3.2	512
9	The fate of carbon in grasslands under carbon dioxide enrichment. <i>Nature</i> , 1997, 388, 576-579.	27.8	444
10	Human health effects of a changing global nitrogen cycle. <i>Frontiers in Ecology and the Environment</i> , 2003, 1, 240-246.	4.0	370
11	Plant Response to Herbivory and Belowground Nitrogen Cycling. <i>Ecology</i> , 1990, 71, 1040-1049.	3.2	310
12	Title is missing!. <i>Biogeochemistry</i> , 2002, 57, 99-136.	3.5	293
13	Physiological Responses of Plant Populations to Herbivory and Their Consequences for Ecosystem Nutrient Flow. <i>American Naturalist</i> , 1992, 140, 685-706.	2.1	219
14	On the contribution of CO ₂ fertilization to the missing biospheric sink. <i>Global Biogeochemical Cycles</i> , 1995, 9, 541-556.	4.9	191
15	Stimulation of grassland nitrogen cycling under carbon dioxide enrichment. <i>Oecologia</i> , 1997, 109, 149-153.	2.0	166
16	Contrasting effects of elevated CO ₂ on old and new soil carbon pools. <i>Soil Biology and Biochemistry</i> , 2001, 33, 365-373.	8.8	163
17	Modeling soil CO ₂ emissions from ecosystems. <i>Biogeochemistry</i> , 2005, 73, 71-91.	3.5	158
18	Tropical soils could dominate the short-term carbon cycle feedbacks to increased global temperatures. <i>Climatic Change</i> , 1992, 22, 293-303.	3.6	151

#	ARTICLE	IF	CITATIONS
19	Introduction to coupled biogeochemical cycles. <i>Frontiers in Ecology and the Environment</i> , 2011, 9, 5-8.	4.0	111
20	Analysis of nitrogen saturation potential in Rocky Mountain tundra and forest: implications for aquatic systems. <i>Biogeochemistry</i> , 1994, 27, 61.	3.5	107
21	Uncertainties in the temperature sensitivity of decomposition in tropical and subtropical ecosystems: Implications for models. <i>Global Biogeochemical Cycles</i> , 2000, 14, 1137-1151.	4.9	95
22	Estimate of changes in agricultural terrestrial nitrogen pathways and ammonia emissions from 1850 to present in the Community Earth System Model. <i>Biogeosciences</i> , 2016, 13, 3397-3426.	3.3	79
23	Controls on annual emissions of nitric oxide from soils of the Colorado shortgrass steppe. <i>Global Biogeochemical Cycles</i> , 1998, 12, 81-91.	4.9	72
24	Copernicus Marine Service Ocean State Report, Issue 3. <i>Journal of Operational Oceanography</i> , 2019, 12, S1-S123.	1.2	66
25	The quiet crossing of ocean tipping points. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	64
26	A global model of changing N ₂ O emissions from natural and perturbed soils. <i>Climatic Change</i> , 1996, 32, 327-378.	3.6	60
27	Fluxes of nitrous oxide and methane from nitrogen-amended soils in a Colorado alpine ecosystem. <i>Biogeochemistry</i> , 1994, 27, 23.	3.5	57
28	Variability in temperature regulation of CO ₂ fluxes and N mineralization from five Hawaiian soils: implications for a changing climate. <i>Global Change Biology</i> , 1995, 1, 115-123.	9.5	57
29	Effects of nitrogen deposition and insect herbivory on patterns of ecosystem-level carbon and nitrogen dynamics: results from the CENTURY model. <i>Global Change Biology</i> , 2004, 10, 1092-1105.	9.5	54
30	Facing food security risks: The rise and rise of the sweet potato in the Pacific Islands. <i>Global Food Security</i> , 2018, 18, 48-56.	8.1	46
31	Modeling bio-atmospheric coupling of the nitrogen cycle through NO _x emissions and NO _y deposition. <i>Nutrient Cycling in Agroecosystems</i> , 1997, 48, 7-24.	2.2	44
32	Research frontiers in the analysis of coupled biogeochemical cycles. <i>Frontiers in Ecology and the Environment</i> , 2011, 9, 74-80.	4.0	42
33	A review of sustainable sea-transport for Oceania: Providing context for renewable energy shipping for the Pacific. <i>Marine Policy</i> , 2014, 43, 283-287.	3.2	38
34	Landscape patterns of CH ₄ fluxes in an alpine tundra ecosystem. <i>Biogeochemistry</i> , 1999, 45, 243-264.	3.5	22
35	Seagrasses and seagrass habitats in Pacific small island developing states: Potential loss of benefits via human disturbance and climate change. <i>Marine Pollution Bulletin</i> , 2020, 160, 111573.	5.0	15
36	Connecting the dots: policy connections between Pacific Island shipping and global CO ₂ and pollutant emission reduction. <i>Carbon Management</i> , 2014, 5, 93-105.	2.4	13

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37	Response to Nutrient Imbalances. <i>Science</i> , 2009, 326, 665-666.	12.6	10
38	Simulation of Carbon and Nitrogen Cycling in an Alpine Tundra. <i>Arctic, Antarctic, and Alpine Research</i> , 2000, 32, 147.	1.1	5
39	Mapping the economic costs and benefits of Coral Triangle Initiative (CTI) and Mangrove Rehabilitation Projects (MRP) in Solomon Islands: a study of two MPAs and one MRP. <i>International Journal of Sustainable Development and World Ecology</i> , 2014, 21, 414-421.	5.9	5
40	Tropical Cyclone Harold meets the Novel Coronavirus. <i>Pacific Journalism Review</i> , 2020, 26, 243-251.	0.4	5
41	Communication, Collaboration and Advocacy: A Study of Participatory Action Research to Address Climate Change in the Pacific. <i>International Journal of Climate Change: Impacts and Responses</i> , 2017, 9, 11-33.	0.3	4
42	Farming Adaptations to the Impacts of Climate Change and Extreme Events in Pacific Island Countries. , 0, , 166-194.		4
43	Meta-analysis of Factors Influencing Population Differentiation in Yellowfin Tuna (<i>Thunnus</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5 9.1 3		3
44	Characterisation of pH variations along the Ba River in Fiji utilising the GEF R2R framework during the 2019 sugarcane season. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 828.	2.7	2
45	Farming Adaptations to the Impacts of Climate Change and Extreme Events in Pacific Island Countries. , 2017, , 852-875.		1