

# Hannah B Vander Zanden

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8792307/publications.pdf>

Version: 2024-02-01

36  
papers

1,685  
citations

331538

21  
h-index

360920

35  
g-index

36  
all docs

36  
docs citations

36  
times ranked

1917  
citing authors

#	ARTICLE	IF	CITATIONS
1	Are we working towards global research priorities for management and conservation of sea turtles?. <i>Endangered Species Research</i> , 2016, 31, 337-382.	1.2	218
2	Individual specialists in a generalist population: results from a long-term stable isotope series. <i>Biology Letters</i> , 2010, 6, 711-714.	1.0	199
3	Using ocean models to predict spatial and temporal variation in marine carbon isotopes. <i>Ecosphere</i> , 2017, 8, e01763.	1.0	149
4	Energetic basis of colonial living in social insects. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 3634-3638.	3.3	123
5	Trophic ecology of a green turtle breeding population. <i>Marine Ecology - Progress Series</i> , 2013, 476, 237-249.	0.9	101
6	Expanding the Isotopic Toolbox: Applications of Hydrogen and Oxygen Stable Isotope Ratios to Food Web Studies. <i>Frontiers in Ecology and Evolution</i> , 2016, 4, .	1.1	95
7	Temporal consistency and individual specialization in resource use by green turtles in successive life stages. <i>Oecologia</i> , 2013, 173, 767-777.	0.9	76
8	Geographic assignment with stable isotopes in IsoMAP. <i>Methods in Ecology and Evolution</i> , 2014, 5, 201-206.	2.2	70
9	Determining origin in a migratory marine vertebrate: a novel method to integrate stable isotopes and satellite tracking. <i>Ecological Applications</i> , 2015, 25, 320-335.	1.8	70
10	Inherent Variation in Stable Isotope Values and Discrimination Factors in Two Life Stages of Green Turtles. <i>Physiological and Biochemical Zoology</i> , 2012, 85, 431-441.	0.6	55
11	Foraging areas differentially affect reproductive output and interpretation of trends in abundance of loggerhead turtles. <i>Marine Biology</i> , 2014, 161, 585-598.	0.7	53
12	Assignment of nesting loggerhead turtles to their foraging areas in the Northwest Atlantic using stable isotopes. <i>Ecosphere</i> , 2012, 3, 1-18.	1.0	50
13	Wind energy: An ecological challenge. <i>Science</i> , 2019, 366, 1206-1207.	6.0	43
14	Contrasting assignment of migratory organisms to geographic origins using long-term versus year-specific precipitation isotope maps. <i>Methods in Ecology and Evolution</i> , 2014, 5, 891-900.	2.2	41
15	Application of isoscapes to determine geographic origin of terrestrial wildlife for conservation and management. <i>Biological Conservation</i> , 2018, 228, 268-280.	1.9	34
16	<sc>assignR</sc>: An <sc>r</sc> package for isotope-based geographic assignment. <i>Methods in Ecology and Evolution</i> , 2020, 11, 996-1001.	2.2	32
17	Biomarkers reveal sea turtles remained in oiled areas following the Deepwater Horizon oil spill. <i>Ecological Applications</i> , 2016, 26, 2145-2155.	1.8	30
18	Alternate migration strategies of eastern monarch butterflies revealed by stable isotopes. <i>Animal Migration</i> , 2018, 5, 74-83.	1.1	26

#	ARTICLE	IF	CITATIONS
19	Mechanistic model predicts tissue–environment relationships and trophic shifts in animal hydrogen and oxygen isotope ratios. <i>Oecologia</i> , 2019, 191, 777-789.	0.9	25
20	Stable isotopic comparison between loggerhead sea turtle tissues. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 2059-2064.	0.7	23
21	Marine–derived Nutrients from Green Turtle Nests Subsidize Terrestrial Beach Ecosystems. <i>Biotropica</i> , 2012, 44, 294-301.	0.8	22
22	Mother–offspring stable isotope discrimination in loggerhead sea turtles <i>Caretta caretta</i> . <i>Endangered Species Research</i> , 2012, 17, 133-138.	1.2	22
23	Mother-egg stable isotope conversions and effects of lipid extraction and ethanol preservation on loggerhead eggs. , 2014, 2, cou049-cou049.		21
24	Vulnerability of avian populations to renewable energy production. <i>Royal Society Open Science</i> , 2022, 9, 211558.	1.1	17
25	Space–time tradeoffs in the development of precipitation–based isoscape models for determining migratory origin. <i>Journal of Avian Biology</i> , 2015, 46, 658-667.	0.6	16
26	Assessing population–level consequences of anthropogenic stressors for terrestrial wildlife. <i>Ecosphere</i> , 2020, 11, e03046.	1.0	16
27	Calibration chain transformation improves the comparability of organic hydrogen and oxygen stable isotope data. <i>Methods in Ecology and Evolution</i> , 2021, 12, 732-747.	2.2	13
28	Advancing interpretation of stable isotope assignment maps: comparing and summarizing origins of known-provenance migratory bats. <i>Animal Migration</i> , 2020, 7, 27-41.	1.1	13
29	Modeling of receptor mimics that inhibit superantigen pathogenesis. <i>Journal of Molecular Recognition</i> , 2005, 18, 73-83.	1.1	7
30	Foraging area, not trophic position, is linked to head size variation in adult female loggerhead turtles. <i>Journal of Zoology</i> , 2017, 302, 279-287.	0.8	5
31	Combining Models of Environment, Behavior, and Physiology to Predict Tissue Hydrogen and Oxygen Isotope Variance Among Individual Terrestrial Animals. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	5
32	Identifying patterns in foraging-area origins in breeding aggregations of migratory species: Loggerhead turtles in the Northwest Atlantic. <i>PLoS ONE</i> , 2020, 15, e0231325.	1.1	5
33	Optimizing stable isotope sampling design in terrestrial movement ecology research. <i>Methods in Ecology and Evolution</i> , 2022, 13, 1237-1249.	2.2	4
34	Hydrogen isotope assimilation and discrimination in green turtles. <i>Journal of Experimental Biology</i> , 2021, 224, .	0.8	3
35	Effect of heat and singeing on stable hydrogen isotope ratios of bird feathers and implications for their use in determining geographic origin. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 1859-1866.	0.7	2
36	White-Nose Syndrome Pathogen <i>Pseudogymnoascus destructans</i> Detected in Migratory Tree-Roosting Bats. <i>Journal of Wildlife Diseases</i> , 2022, 58, .	0.3	1