Michael B Wunder

List of Publications by Year
in descending order

40 papers	1,240 citations	516561 16 h-index	434063 31 g-index
41 all docs	41 docs citations	41 times ranked	1391 citing authors

#	Article	IF	Citations
1	Tracking multi-generational colonization of the breeding grounds by monarch butterflies in eastern North America. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20131087.	1.2	146
2	A test of geographic assignment using isotope tracers in feathers of known origin. Oecologia, 2005, 144, 607-617.	0.9	133
3	Using Isoscapes to Model Probability Surfaces for Determining Geographic Origins. , 2010, , 251-270.		115
4	A Method for Investigating Population Declines of Migratory Birds Using Stable Isotopes: Origins of Harvested Lesser Scaup in North America. PLoS ONE, 2009, 4, e7915.	1.1	109
5	IMPROVED ESTIMATES OF CERTAINTY IN STABLE-ISOTOPE-BASED METHODS FOR TRACKING MIGRATORY ANIMALS. , 2008, 18, 549-559.		86
6	Novel statistical methods for integrating genetic and stable isotope data to infer individualâ€level migratory connectivity. Molecular Ecology, 2013, 22, 4163-4176.	2.0	72
7	Continentalâ€scale, seasonal movements of a heterothermic migratory tree bat. Ecological Applications, 2014, 24, 602-616.	1.8	63
8	Foraging and recruitment hotspot dynamics for the largest Atlantic loggerhead turtle rookery. Scientific Reports, 2017, 7, 16894.	1.6	43
9	Contrasting assignment of migratory organisms to geographic origins using longâ€term versus yearâ€specific precipitation isotope maps. Methods in Ecology and Evolution, 2014, 5, 891-900.	2.2	41
10	Seasonally-Dynamic Presence-Only Species Distribution Models for a Cryptic Migratory Bat Impacted by Wind Energy Development. PLoS ONE, 2015, 10, e0132599.	1.1	38
11	Evidence of cryptic individual specialization in an opportunistic insectivorous bat. Journal of Mammalogy, 2012, 93, 381-389.	0.6	37
12	Application of isoscapes to determine geographic origin of terrestrial wildlife for conservation and management. Biological Conservation, 2018, 228, 268-280.	1.9	34
13	<scp>assignR</scp>: An <scp>r</scp> package for isotopeâ€based geographic assignment. Methods in Ecology and Evolution, 2020, 11, 996-1001.	2.2	32
14	Inherent limits of light-level geolocation may lead to over-interpretation. Current Biology, 2018, 28, R99-R100.	1.8	27
15	Migratory divides coincide with reproductive barriers across replicated avian hybrid zones above the Tibetan Plateau. Ecology Letters, 2020, 23, 231-241.	3.0	27
16	Response of mountain plovers to plague-driven dynamics of black-tailed prairie dog colonies. Landscape Ecology, 2008, 23, 689-697.	1.9	26
17	Mechanistic model predicts tissueâ€“environment relationships and trophic shifts in animal hydrogen and oxygen isotope ratios. Oecologia, 2019, 191, 777-789.	0.9	25
18	The Importance of Conifers for Facilitation at Treeline: Comparing Biophysical Characteristics of Leeward Microsites in Whitebark Pine Communities. Arctic, Antarctic, and Alpine Research, 2016, 48, 427-444.	0.4	22

#	Article	IF	Citations
19	The early bird gets the shrimp: confronting assumptions of isotopic equilibrium and homogeneity in a wild bird population. Journal of Animal Ecology, 2012, 81, 1223-1232.	1.3	16
20	Spaceâ€time tradeoffs in the development of precipitationâ€based isoscape models for determining migratory origin. Journal of Avian Biology, 2015, 46, 658-667.	0.6	16
21	Does a lack of design and repeatability compromise scientific criticism? A response to Smith et al. (2009). Auk, 2009, 126, 922-926.	0.7	15
22	Western Burrowing Owls (<scp>A</scp>thene cunicularia hypugaea) Eavesdrop on Alarm Calls of Blackâ€Tailed Prairie Dogs (<scp>C</scp>ynomys ludovicianus). Ethology, 2014, 120, 180-188.	0.5	14
23	Weather radar data correlate to hailâ€induced mortality in grassland birds. Remote Sensing in Ecology and Conservation, 2017, 3, 90-101.	2.2	13
24	Calibration chain transformation improves the comparability of organic hydrogen and oxygen stable isotope data. Methods in Ecology and Evolution, 2021, 12, 732-747.	2.2	13
25	A migratory divide spanning two continents is associated with genomic and ecological divergence. Evolution; International Journal of Organic Evolution, 2022, 76, 722-736.	1.1	10
26	Climateâ€altered fire regimes may increase extirpation risk in an upper subalpine conifer species of management concern. Ecosphere, 2020, 11, e03220.	1.0	9
27	Evidence of postbreeding prospecting in a longâ€distance migrant. Ecology and Evolution, 2021, 11, 599-611.	0.8	9
28	Dunlin subspecies exhibit regional segregation and high site fidelity along the East Asianâ€“Australasian Flyway. Condor, 2020, 122, .	0.7	8
29	Migration routes and timing of Mountain Plovers revealed by geolocators. Journal of Field Ornithology, 2017, 88, 30-38.	0.3	5
30	Combining Models of Environment, Behavior, and Physiology to Predict Tissue Hydrogen and Oxygen Isotope Variance Among Individual Terrestrial Animals. Frontiers in Ecology and Evolution, 2020, 8, .	1.1	5
31	Decreased nest survival associated with low temperatures in a high-elevation population of Mountain Plover (Charadrius montanus). Wilson Journal of Ornithology, 2019, 131, 502.	0.1	5
32	Comment on â€œA global-scale ecological niche model to predict SARS-CoV-2 coronavirus infection rateâ€, author Coro. Ecological Modelling, 2020, 436, 109288.	1.2	4
33	A modern method of multiple working hypotheses to improve inference in ecology. Royal Society Open Science, 2020, 7, 200231.	1.1	4
34	Niche dynamics suggest ecological factors influencing migration in an insectivorous owl. Ecology, 2022, 103, e3617.	1.5	4
35	Life history diversity in terrestrial animals is associated with metabolic response to seasonally fluctuating resources. Ecography, 2022, 2022, .	2.1	4
36	Optimizing stable isotope sampling design in terrestrial movement ecology research. Methods in Ecology and Evolution, 2022, 13, 1237-1249.	2.2	4

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37	Improved arrival-date estimates of Arctic-breeding Dunlin (Calidris alpina arcticola). Auk, 2015, 132, 408-421.	0.7	3
38	Development and characterization of thirteen microsatellite loci in Clarkâ€™s nutcracker (Nucifraga) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.4	2
39	Linking environmental indicators to blood, feather and claw Î´18O in the Saffron Finch (Sicalis) Tj ETQq1 1 0.784314 rgBT /Overlock 10	0.5	1
40	Comparison of feather mercury concentrations in live-caught vs. found-dead chick carcasses of Gentoo Penguins (Pygoscelis papua). Polar Biology, 2021, 44, 1955-1960.	0.5	0