Michael B Wunder

List of Publications by Year
in descending order

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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	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
2	Niche dynamics suggest ecological factors influencing migration in an insectivorous owl. Ecology, 2022, 103, e3617.	1.5	4
3	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
4	Life history diversity in terrestrial animals is associated with metabolic response to seasonally fluctuating resources. Ecography, 2022, 2022, .	2.1	4
5	Optimizing stable isotope sampling design in terrestrial movement ecology research. Methods in Ecology and Evolution, 2022, 13, 1237-1249.	2.2	4
6	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
7	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
8	Evidence of postbreeding prospecting in a longâ€distance migrant. Ecology and Evolution, 2021, 11, 599-611.	0.8	9
9	Migratory divides coincide with reproductive barriers across replicated avian hybrid zones above the Tibetan Plateau. Ecology Letters, 2020, 23, 231-241.	3.0	27
10	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
11	Dunlin subspecies exhibit regional segregation and high site fidelity along the East Asianâ€“Australasian Flyway. Condor, 2020, 122, .	0.7	8
12	A modern method of multiple working hypotheses to improve inference in ecology. Royal Society Open Science, 2020, 7, 200231.	1.1	4
13	Climateâ€altered fire regimes may increase extirpation risk in an upper subalpine conifer species of management concern. Ecosphere, 2020, 11, e03220.	1.0	9
14	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
15	<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
16	Mechanistic model predicts tissueâ€“environment relationships and trophic shifts in animal hydrogen and oxygen isotope ratios. Oecologia, 2019, 191, 777-789.	0.9	25
17	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
18	Inherent limits of light-level geolocation may lead to over-interpretation. Current Biology, 2018, 28, R99-R100.	1.8	27

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19	Application of isoscapes to determine geographic origin of terrestrial wildlife for conservation and management. Biological Conservation, 2018, 228, 268-280.	1.9	34
20	Migration routes and timing of Mountain Plovers revealed by geolocators. Journal of Field Ornithology, 2017, 88, 30-38.	0.3	5
21	Weather radar data correlate to hailâ€induced mortality in grassland birds. Remote Sensing in Ecology and Conservation, 2017, 3, 90-101.	2.2	13
22	Foraging and recruitment hotspot dynamics for the largest Atlantic loggerhead turtle rookery. Scientific Reports, 2017, 7, 16894.	1.6	43
23	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
24	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
25	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
26	Improved arrival-date estimates of Arctic-breeding Dunlin (Calidris alpina arcticola). Auk, 2015, 132, 408-421.	0.7	3
27	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
28	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
29	Continentalâ€scale, seasonal movements of a heterothermic migratory tree bat. Ecological Applications, 2014, 24, 602-616.	1.8	63
30	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
31	Development and characterization of thirteen microsatellite loci in Clarkâ€™s nutcracker (Nucifraga) Tj ETQq1 1 0.784314 rgBT /Ove	0.4	2
32	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
33	Evidence of cryptic individual specialization in an opportunistic insectivorous bat. Journal of Mammalogy, 2012, 93, 381-389.	0.6	37
34	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
35	Using Isoscapes to Model Probability Surfaces for Determining Geographic Origins. , 2010, , 251-270.		115
36	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

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37	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
38	Response of mountain plovers to plague-driven dynamics of black-tailed prairie dog colonies. Landscape Ecology, 2008, 23, 689-697.	1.9	26
39	IMPROVED ESTIMATES OF CERTAINTY IN STABLE-ISOTOPE-BASED METHODS FOR TRACKING MIGRATORY ANIMALS. , 2008, 18, 549-559.		86
40	A test of geographic assignment using isotope tracers in feathers of known origin. Oecologia, 2005, 144, 607-617.	0.9	133