

Caz M Taylor

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

54
papers

2,758
citations

22
h-index

52
g-index

57
ext. papers

3,119
ext. citations

3.7
avg, IF

5.14
L-index

#	Paper	IF	Citations
54	The spatial spread of invasions: new developments in theory and evidence. <i>Ecology Letters</i> , 2004 , 8, 91-101	10	623
53	Allee effects in biological invasions. <i>Ecology Letters</i> , 2005 , 8, 895-908	10	538
52	Finding optimal control strategies for invasive species: a density-structured model for <i>Spartina alterniflora</i> . <i>Journal of Applied Ecology</i> , 2004 , 41, 1049-1057	5.8	174
51	Pollen limitation causes an Allee effect in a wind-pollinated invasive grass (<i>Spartina alterniflora</i>). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 13804-7	11.5	157
50	An Allee effect at the front of a plant invasion: <i>Spartina</i> in a Pacific estuary. <i>Journal of Ecology</i> , 2004 , 92, 321-327	6	137
49	Population dynamics in migratory networks. <i>Theoretical Ecology</i> , 2010 , 3, 65-73	1.6	105
48	Predicting the consequences of carry-over effects for migratory populations. <i>Biology Letters</i> , 2006 , 2, 148-51	3.6	104
47	A Tale of Two Spills: Novel Science and Policy Implications of an Emerging New Oil Spill Model. <i>BioScience</i> , 2012 , 62, 461-469	5.7	74
46	Predicting conditions for migration: effects of density dependence and habitat quality. <i>Biology Letters</i> , 2007 , 3, 280-3	3.6	74
45	CONSEQUENCES OF AN ALLEE EFFECT IN THE INVASION OF A PACIFIC ESTUARY BY SPARTINA ALTERNIFLORA. <i>Ecology</i> , 2004 , 85, 3254-3266	4.6	73
44	A simple approach to optimal control of invasive species. <i>Theoretical Population Biology</i> , 2006 , 70, 431-5	1.2	61
43	Large-Scale Impacts of the Deepwater Horizon Oil Spill: Can Local Disturbance Affect Distant Ecosystems through Migratory Shorebirds?. <i>BioScience</i> , 2012 , 62, 676-685	5.7	55
42	Effects of breeding versus winter habitat loss and fragmentation on the population dynamics of a migratory songbird 2016 , 26, 424-37		52
41	Light-level geolocator analyses: A user's guide. <i>Journal of Animal Ecology</i> , 2020 , 89, 221-236	4.7	47
40	The importance of stopover habitat for developing effective conservation strategies for migratory animals. <i>Journal of Ornithology</i> , 2011 , 152, 161-168	1.5	44
39	Integrating information from geolocators, weather radar, and citizen science to uncover a key stopover area of an aerial insectivore. <i>Auk</i> , 2013 , 130, 230-239	2.1	43
38	Constructing and evaluating a continent-wide migratory songbird network across the annual cycle. <i>Ecological Monographs</i> , 2018 , 88, 445-460	9	35

37	The evolution of migration in a seasonal environment. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2010 , 277, 2711-20	4.4	35
36	The response of migratory populations to phenological change: a Migratory Flow Network modelling approach. <i>Journal of Animal Ecology</i> , 2016 , 85, 648-59	4.7	28
35	A range-wide domino effect and resetting of the annual cycle in a migratory songbird. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2019 , 286, 20181916	4.4	27
34	Optimal conservation planning for migratory animals: integrating demographic information across seasons. <i>Conservation Letters</i> , 2010 , 3, 192-202	6.9	26
33	Metapopulation models for seasonally migratory animals. <i>Biology Letters</i> , 2012 , 8, 477-80	3.6	22
32	Assessing costs of carrying geolocators using feather corticosterone in two species of aerial insectivore. <i>Royal Society Open Science</i> , 2015 , 2, 150004	3.3	20
31	The equilibrium population size of a partially migratory population and its response to environmental change. <i>Oikos</i> , 2011 , 120, 1847-1859	4	20
30	Inherent limits of light-level geolocation may lead to over-interpretation. <i>Current Biology</i> , 2018 , 28, R99-R100	6.3	18
29	Behavioral drivers of communal roosting in a songbird: a combined theoretical and empirical approach. <i>Behavioral Ecology</i> , 2014 , 25, 734-743	2.3	14
28	Evaluation of Blue Crab, <i>Callinectes sapidus</i> , Megalopal Settlement and Condition during the Deepwater Horizon Oil Spill. <i>PLoS ONE</i> , 2015 , 10, e0135791	3.7	14
27	Relationship Between Stopover Site Choice of Migrating Sandpipers, Their Population Status, and Environmental Stressors. <i>Israel Journal of Ecology and Evolution</i> , 2007 , 53, 245-261	0.8	14
26	Trans-Gulf of Mexico loop migration of tree swallows revealed by solar geolocation. <i>Environmental Epigenetics</i> , 2014 , 60, 653-659	2.4	12
25	Reduced Growth and Survival in the Larval Blue Crab <i>Callinectes sapidus</i> Under Predicted Ocean Acidification. <i>Journal of Shellfish Research</i> , 2017 , 36, 481-485	1	11
24	Quantifying non-breeding season occupancy patterns and the timing and drivers of autumn migration for a migratory songbird using Doppler radar. <i>Ecography</i> , 2016 , 39, 1017-1024	6.5	11
23	Using local dispersal data to reduce bias in annual apparent survival and mate fidelity. <i>Condor</i> , 2015 , 117, 598-608	2.1	8
22	Vegetation and Shear Strength in a Delta-splay Mouth Bar. <i>Wetlands</i> , 2017 , 37, 1159-1168	1.7	8
21	Transport of blue crab larvae in the northern Gulf of Mexico during the Deepwater Horizon oil spill. <i>Marine Ecology - Progress Series</i> , 2015 , 527, 143-156	2.6	8
20	Influence of sediment characteristics on the composition of soft-sediment intertidal communities in the northern Gulf of Mexico. <i>PeerJ</i> , 2015 , 3, e1014	3.1	7

19	Oiling rates and condition indices of shorebirds on the northern Gulf of Mexico following the Deepwater Horizon oil spill. <i>Journal of Field Ornithology</i> , 2014 , 85, 408-420	0.9	6
18	Sublethal Toxicity of Crude Oil Exposure in The Blue Crab, <i>Callinectes sapidus</i> , at Two Life History Stages. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2017 , 98, 178-182	2.7	5
17	Nonbreeding season movements of a migratory songbird are related to declines in resource availability. <i>Auk</i> , 2019 , 136,	2.1	5
16	A genoscape-network model for conservation prioritization in a migratory bird. <i>Conservation Biology</i> , 2020 , 34, 1482-1491	6	5
15	The shape of density dependence in fragmented landscapes explains an inverse buffer effect in a migratory songbird. <i>Scientific Reports</i> , 2017 , 7, 14522	4.9	5
14	Modeling activity rhythms in fiddler crabs. <i>Chronobiology International</i> , 2009 , 26, 1355-68	3.6	5
13	Migration strategy predicts stopover ecology in shorebirds on the northern Gulf of Mexico. <i>Animal Migration</i> , 2015 , 2, 63-75	0.6	4
12	Feather isotope analysis discriminates age-classes of Western, Least, and Semipalmated sandpipers when plumage methods are unreliable. <i>Journal of Field Ornithology</i> , 2009 , 80, 51-63	0.9	4
11	Effects of crude oil and oil/dispersant mixture on growth and expression of vitellogenin and heat shock protein 90 in blue crab, <i>Callinectes sapidus</i> , juveniles. <i>Marine Pollution Bulletin</i> , 2017 , 119, 128-132	6.7	3
10	Technical Note: The Use of Laser Diffraction Particle Size Analyzers for Inference on Infauna-Sediment Relationships. <i>Estuaries and Coasts</i> , 2015 , 38, 699-702	2.8	3
9	Effects of Natal Dispersal and Density-Dependence on Connectivity Patterns and Population Dynamics in a Migratory Network. <i>Frontiers in Ecology and Evolution</i> , 2019 , 7,	3.7	3
8	Ecological determinants of pathogen transmission in communally roosting species. <i>Theoretical Ecology</i> , 2019 , 12, 225-235	1.6	2
7	A flow network model for animal movement on a landscape with application to invasion. <i>Theoretical Ecology</i> , 2018 , 11, 271-280	1.6	2
6	Effects of crude oil on survival and development in embryonated eggs in Rathbun, 1896 (Decapoda, Portunidae). <i>PeerJ</i> , 2018 , 6, e5985	3.1	2
5	Effects of Spring Migration Distance on Tree Swallow Reproductive Success Within and Among Flyways. <i>Frontiers in Ecology and Evolution</i> , 2019 , 7,	3.7	2
4	Understanding and Properly Interpreting the 2010 Deepwater Horizon Blowout 2014 , 19-57		1
3	Estimating blue crab (<i>Callinectes sapidus</i>) larval release sites in the Gulf of Mexico using an oceanographic particle-tracking model. <i>Bulletin of Marine Science</i> , 2020 , 96, 563-576	1.3	1
2	Migration tactics and connectivity of a Nearctic-Neotropical migratory shorebird.. <i>Journal of Animal Ecology</i> , 2022 ,	4.7	1

- 1 Morphological responses to competition modulated by abiotic factors in two monoculture-forming wetland plants. *Aquatic Botany*, **2018**, 147, 61-67 1.8