Allison K Shaw

List of Publications by Year
in descending order

62 papers	1,624 citations	361413 20 h-index	330143 37 g-index
66 all docs	66 docs citations	66 times ranked	2309 citing authors

#	Article	IF	Citations
1	It's all relative: ranking the diversity of aquatic bacterial communities. Environmental Microbiology, 2008, 10, 2200-2210.	3.8	159
2	Leaks in the pipeline: separating demographic inertia from ongoing gender differences in academia. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 3736-3741.	2.6	125
3	Causes and consequences of individual variation in animal movement. Movement Ecology, 2020, 8, 12.	2.8	105
4	Drivers of animal migration and implications in changing environments. Evolutionary Ecology, 2016, 30, 991-1007.	1.2	104
5	Ecoâ€evolutionary dynamics of range expansion. Ecology, 2020, 101, e03139.	3.2	79
6	To breed or not to breed: a model of partial migration. Oikos, 2011, 120, 1871-1879.	2.7	70
7	Parasites and Host Performance: Incorporating Infection into Our Understanding of Animal Movement. Integrative and Comparative Biology, 2017, 57, 267-280.	2.0	70
8	Migration or Residency? The Evolution of Movement Behavior and Information Usage in Seasonal Environments. American Naturalist, 2013, 181, 114-124.	2.1	69
9	Sex-Biased Dispersal and the Speed of Two-Sex Invasions. American Naturalist, 2011, 177, 549-561.	2.1	67
10	Mate finding, <scp>A</scp>llee effects and selection for sexâ€biased dispersal. Journal of Animal Ecology, 2014, 83, 1256-1267.	2.8	54
11	Migratory Recovery from Infection as a Selective Pressure for the Evolution of Migration. American Naturalist, 2016, 187, 491-501.	2.1	54
12	Vector population growth and conditionâ€dependent movement drive the spread of plant pathogens. Ecology, 2017, 98, 2145-2157.	3.2	49
13	Density dependence in demography and dispersal generates fluctuating invasion speeds. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 5053-5058.	7.1	46
14	The evolution of intermittent breeding. Journal of Mathematical Biology, 2013, 66, 685-703.	1.9	40
15	Dispersal Evolution in the Presence of Allee Effects Can Speed Up or Slow Down Invasions. American Naturalist, 2015, 185, 631-639.	2.1	36
16	Sex difference and Allee effects shape the dynamics of sexâ€structured invasions. Journal of Animal Ecology, 2018, 87, 36-46.	2.8	33
17	Metrics matter: the effect of parasite richness, intensity and prevalence on the evolution of host migration. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20182147.	2.6	33
18	Theoretical insight into three diseaseâ€related benefits of migration. Population Ecology, 2016, 58, 213-221.	1.2	30

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19	Evolution of mammalian migrations for refuge, breeding, and food. Ecology and Evolution, 2017, 7, 5891-5900.	1.9	30
20	Dietary carotenoids change the colour of Southern corroboree frogs. Biological Journal of the Linnean Society, 2016, 119, 436-444.	1.6	25
21	Pathogens manipulate the preference of vectors, slowing disease spread in a multiâ€host system. Ecology Letters, 2019, 22, 1115-1125.	6.4	24
22	Mechanistically derived dispersal kernels explain speciesâ€level patterns of recruitment and succession. Ecology, 2018, 99, 2415-2420.	3.2	22
23	Modeling Approach Influences Dynamics of a Vector-Borne Pathogen System. Bulletin of Mathematical Biology, 2019, 81, 2011-2028.	1.9	20
24	Population dynamics of the vicuÃ±a (Vicugna vicugna): density-dependence, rainfall, and spatial distribution. Journal of Mammalogy, 2012, 93, 658-666.	1.3	18
25	The effect of gossip on social networks. Complexity, 2011, 16, 39-47.	1.6	17
26	Host migration strategy is shaped by forms of parasite transmission and infection cost. Journal of Animal Ecology, 2019, 88, 1601-1612.	2.8	16
27	Populationâ€level consequences of risky dispersal. Oikos, 2014, 123, 1003-1013.	2.7	15
28	The Evolution of Marine Larval Dispersal Kernels in Spatially Structured Habitats: Analytical Models, Individual-Based Simulations, and Comparisons with Empirical Estimates. American Naturalist, 2019, 193, 424-435.	2.1	15
29	An inordinate fondness for species with intermediate dispersal abilities. Oikos, 2020, 129, 311-319.	2.7	15
30	Spatial Population Structure Determines Extinction Risk in Climate-Induced Range Shifts. American Naturalist, 2020, 195, 31-42.	2.1	14
31	Trait plasticity alters the range of possible coexistence conditions in a competitionâ€“colonisation tradeâ€off. Ecology Letters, 2020, 23, 791-799.	6.4	14
32	Resource distribution drives the adoption of migratory, partially migratory, or residential strategies. Theoretical Ecology, 2015, 8, 437-447.	1.0	13
33	Recovery from infection is more likely to favour the evolution of migration than social escape from infection. Journal of Animal Ecology, 2020, 89, 1448-1457.	2.8	13
34	Facilitation and competition interact with seed dormancy to affect population dynamics in annual plants. Population Ecology, 2019, 61, 457-468.	1.2	12
35	Increasing growth rate slows adaptation when genotypes compete for diffusing resources. PLoS Computational Biology, 2020, 16, e1007585.	3.2	11
36	Differential retention contributes to racial/ethnic disparity in U.S. academia. PLoS ONE, 2021, 16, e0259710.	2.5	11

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37	Letâ€™s move out together: a framework for the intersections between movement and mutualism. Ecology, 2021, 102, e03419.	3.2	10
38	Synthesis strategies for non-symmetric, photochromic diarylethenes. Organic and Biomolecular Chemistry, 2020, 18, 7238-7252.	2.8	9
39	Vector demography, dispersal and the spread of disease: Experimental epidemics under elevated resource supply. Functional Ecology, 2020, 34, 2560-2570.	3.6	9
40	Parasite intensity and the evolution of migratory behavior. Ecology, 2021, 102, e03229.	3.2	8
41	Consequences of ignoring dispersal variation in network models for landscape connectivity. Conservation Biology, 2021, 35, 944-954.	4.7	7
42	Infection state can affect host migratory decisions. Oikos, 2020, 129, 1493-1503.	2.7	6
43	Lessons from movement ecology for the return to work: Modeling contacts and the spread of COVID-19. PLoS ONE, 2021, 16, e0242955.	2.5	6
44	How to study parasites and host migration: a roadmap for empiricists. Biological Reviews, 2022, 97, 1161-1178.	10.4	6
45	Stochasticity in social structure and mating system drive extinction risk. Ecosphere, 2020, 11, e03038.	2.2	5
46	Understanding the drivers of dispersal evolution in range expansions and their ecological consequences. Evolutionary Ecology, 2022, 36, 181-197.	1.2	5
47	Linking El NiÃ±o, local rainfall, and migration timing in a tropical migratory species. Global Change Biology, 2013, 19, 3283-3290.	9.5	4
48	Ecology Postdocs in Academia: Primary Concerns and Possible Solutions. Bulletin of the Ecological Society of America, 2015, 96, 140-152.	0.2	4
49	Orchard layout and plant traits influence fruit yield more strongly than pollinator behaviour and density in a dioecious crop. PLoS ONE, 2020, 15, e0231120.	2.5	4
50	Using theoretical models to explore dispersal variation and fragmentation in urban environments. Population Ecology, 2023, 65, 17-24.	1.2	4
51	Pliant pathogens: Estimating viral spread when confronted with new vector, host, and environmental conditions. Ecology and Evolution, 2021, 11, 1877-1887.	1.9	3
52	Apps can help bridge restoration science and restoration practice. Restoration Ecology, 2019, 27, 934-937.	2.9	2
53	Optimal migratory behavior in spatially-explicit seasonal environments. Discrete and Continuous Dynamical Systems - Series B, 2014, 19, 3359-3378.	0.9	2
54	How mutation shapes the rate of population spread in the presence of a mate-finding Allee effect. Theoretical Ecology, 0, , .	1.0	1

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55	Migration and tolerance shape host behaviour and response to parasite infection. Journal of Animal Ecology, 2021, 90, 2315-2324.	2.8	0
56	Diverse perspectives from diverse scholars are vital for theoretical biology. Theoretical Ecology, 0, , 1.	1.0	0
57	Title is missing!. , 2020, 15, e0231120.		0
58	Title is missing!. , 2020, 15, e0231120.		0
59	Title is missing!. , 2020, 15, e0231120.		0
60	Title is missing!. , 2020, 15, e0231120.		0
61	Title is missing!. , 2020, 15, e0231120.		0
62	Title is missing!. , 2020, 15, e0231120.		0