

# Allison K Shaw

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1422648/publications.pdf>

Version: 2024-02-01

62  
papers

1,624  
citations

361045

20  
h-index

329751

37  
g-index

66  
all docs

66  
docs citations

66  
times ranked

2309  
citing authors

#	ARTICLE	IF	CITATIONS
1	Using theoretical models to explore dispersal variation and fragmentation in urban environments. <i>Population Ecology</i> , 2023, 65, 17-24.	0.7	4
2	How to study parasites and host migration: a roadmap for empiricists. <i>Biological Reviews</i> , 2022, 97, 1161-1178.	4.7	6
3	Understanding the drivers of dispersal evolution in range expansions and their ecological consequences. <i>Evolutionary Ecology</i> , 2022, 36, 181-197.	0.5	5
4	Parasite intensity and the evolution of migratory behavior. <i>Ecology</i> , 2021, 102, e03229.	1.5	8
5	Consequences of ignoring dispersal variation in network models for landscape connectivity. <i>Conservation Biology</i> , 2021, 35, 944-954.	2.4	7
6	Pliant pathogens: Estimating viral spread when confronted with new vector, host, and environmental conditions. <i>Ecology and Evolution</i> , 2021, 11, 1877-1887.	0.8	3
7	Letâ€™s move out together: a framework for the intersections between movement and mutualism. <i>Ecology</i> , 2021, 102, e03419.	1.5	10
8	Migration and tolerance shape host behaviour and response to parasite infection. <i>Journal of Animal Ecology</i> , 2021, 90, 2315-2324.	1.3	0
9	Lessons from movement ecology for the return to work: Modeling contacts and the spread of COVID-19. <i>PLoS ONE</i> , 2021, 16, e0242955.	1.1	6
10	Differential retention contributes to racial/ethnic disparity in U.S. academia. <i>PLoS ONE</i> , 2021, 16, e0259710.	1.1	11
11	Spatial Population Structure Determines Extinction Risk in Climate-Induced Range Shifts. <i>American Naturalist</i> , 2020, 195, 31-42.	1.0	14
12	An inordinate fondness for species with intermediate dispersal abilities. <i>Oikos</i> , 2020, 129, 311-319.	1.2	15
13	Ecoâ€™evolutionary dynamics of range expansion. <i>Ecology</i> , 2020, 101, e03139.	1.5	79
14	Synthesis strategies for non-symmetric, photochromic diarylethenes. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 7238-7252.	1.5	9
15	Vector demography, dispersal and the spread of disease: Experimental epidemics under elevated resource supply. <i>Functional Ecology</i> , 2020, 34, 2560-2570.	1.7	9
16	Infection state can affect host migratory decisions. <i>Oikos</i> , 2020, 129, 1493-1503.	1.2	6
17	Causes and consequences of individual variation in animal movement. <i>Movement Ecology</i> , 2020, 8, 12.	1.3	105
18	Recovery from infection is more likely to favour the evolution of migration than social escape from infection. <i>Journal of Animal Ecology</i> , 2020, 89, 1448-1457.	1.3	13

#	ARTICLE	IF	CITATIONS
19	Trait plasticity alters the range of possible coexistence conditions in a competition-colonisation trade-off. <i>Ecology Letters</i> , 2020, 23, 791-799.	3.0	14
20	Increasing growth rate slows adaptation when genotypes compete for diffusing resources. <i>PLoS Computational Biology</i> , 2020, 16, e1007585.	1.5	11
21	Stochasticity in social structure and mating system drive extinction risk. <i>Ecosphere</i> , 2020, 11, e03038.	1.0	5
22	Orchard layout and plant traits influence fruit yield more strongly than pollinator behaviour and density in a dioecious crop. <i>PLoS ONE</i> , 2020, 15, e0231120.	1.1	4
23	Title is missing!. , 2020, 15, e0231120.		0
24	Title is missing!. , 2020, 15, e0231120.		0
25	Title is missing!. , 2020, 15, e0231120.		0
26	Title is missing!. , 2020, 15, e0231120.		0
27	Title is missing!. , 2020, 15, e0231120.		0
28	Title is missing!. , 2020, 15, e0231120.		0
29	Apps can help bridge restoration science and restoration practice. <i>Restoration Ecology</i> , 2019, 27, 934-937.	1.4	2
30	Facilitation and competition interact with seed dormancy to affect population dynamics in annual plants. <i>Population Ecology</i> , 2019, 61, 457-468.	0.7	12
31	Host migration strategy is shaped by forms of parasite transmission and infection cost. <i>Journal of Animal Ecology</i> , 2019, 88, 1601-1612.	1.3	16
32	Pathogens manipulate the preference of vectors, slowing disease spread in a multi-host system. <i>Ecology Letters</i> , 2019, 22, 1115-1125.	3.0	24
33	Modeling Approach Influences Dynamics of a Vector-Borne Pathogen System. <i>Bulletin of Mathematical Biology</i> , 2019, 81, 2011-2028.	0.9	20
34	The Evolution of Marine Larval Dispersal Kernels in Spatially Structured Habitats: Analytical Models, Individual-Based Simulations, and Comparisons with Empirical Estimates. <i>American Naturalist</i> , 2019, 193, 424-435.	1.0	15
35	Sex difference and Allee effects shape the dynamics of sex-structured invasions. <i>Journal of Animal Ecology</i> , 2018, 87, 36-46.	1.3	33
36	Metrics matter: the effect of parasite richness, intensity and prevalence on the evolution of host migration. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20182147.	1.2	33

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37	Mechanistically derived dispersal kernels explain species-level patterns of recruitment and succession. <i>Ecology</i> , 2018, 99, 2415-2420.	1.5	22
38	Density dependence in demography and dispersal generates fluctuating invasion speeds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 5053-5058.	3.3	46
39	Vector population growth and condition-dependent movement drive the spread of plant pathogens. <i>Ecology</i> , 2017, 98, 2145-2157.	1.5	49
40	Evolution of mammalian migrations for refuge, breeding, and food. <i>Ecology and Evolution</i> , 2017, 7, 5891-5900.	0.8	30
41	Parasites and Host Performance: Incorporating Infection into Our Understanding of Animal Movement. <i>Integrative and Comparative Biology</i> , 2017, 57, 267-280.	0.9	70
42	Dietary carotenoids change the colour of Southern corroboree frogs. <i>Biological Journal of the Linnean Society</i> , 2016, 119, 436-444.	0.7	25
43	Drivers of animal migration and implications in changing environments. <i>Evolutionary Ecology</i> , 2016, 30, 991-1007.	0.5	104
44	Migratory Recovery from Infection as a Selective Pressure for the Evolution of Migration. <i>American Naturalist</i> , 2016, 187, 491-501.	1.0	54
45	Theoretical insight into three disease-related benefits of migration. <i>Population Ecology</i> , 2016, 58, 213-221.	0.7	30
46	Dispersal Evolution in the Presence of Allee Effects Can Speed Up or Slow Down Invasions. <i>American Naturalist</i> , 2015, 185, 631-639.	1.0	36
47	Ecology Postdocs in Academia: Primary Concerns and Possible Solutions. <i>Bulletin of the Ecological Society of America</i> , 2015, 96, 140-152.	0.2	4
48	Resource distribution drives the adoption of migratory, partially migratory, or residential strategies. <i>Theoretical Ecology</i> , 2015, 8, 437-447.	0.4	13
49	Mate finding, Allee effects and selection for sex-biased dispersal. <i>Journal of Animal Ecology</i> , 2014, 83, 1256-1267.	1.3	54
50	Population-level consequences of risky dispersal. <i>Oikos</i> , 2014, 123, 1003-1013.	1.2	15
51	Optimal migratory behavior in spatially-explicit seasonal environments. <i>Discrete and Continuous Dynamical Systems - Series B</i> , 2014, 19, 3359-3378.	0.5	2
52	Linking El Niño, local rainfall, and migration timing in a tropical migratory species. <i>Global Change Biology</i> , 2013, 19, 3283-3290.	4.2	4
53	The evolution of intermittent breeding. <i>Journal of Mathematical Biology</i> , 2013, 66, 685-703.	0.8	40
54	Migration or Residency? The Evolution of Movement Behavior and Information Usage in Seasonal Environments. <i>American Naturalist</i> , 2013, 181, 114-124.	1.0	69

#	ARTICLE	IF	CITATIONS
55	Leaks in the pipeline: separating demographic inertia from ongoing gender differences in academia. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2012, 279, 3736-3741.	1.2	125
56	Population dynamics of the vicuña ( <i>Vicugna vicugna</i> ): density-dependence, rainfall, and spatial distribution. <i>Journal of Mammalogy</i> , 2012, 93, 658-666.	0.6	18
57	To breed or not to breed: a model of partial migration. <i>Oikos</i> , 2011, 120, 1871-1879.	1.2	70
58	The effect of gossip on social networks. <i>Complexity</i> , 2011, 16, 39-47.	0.9	17
59	Sex-Biased Dispersal and the Speed of Two-Sex Invasions. <i>American Naturalist</i> , 2011, 177, 549-561.	1.0	67
60	It's all relative: ranking the diversity of aquatic bacterial communities. <i>Environmental Microbiology</i> , 2008, 10, 2200-2210.	1.8	159
61	Diverse perspectives from diverse scholars are vital for theoretical biology. <i>Theoretical Ecology</i> , 0, , 1.	0.4	0
62	How mutation shapes the rate of population spread in the presence of a mate-finding Allee effect. <i>Theoretical Ecology</i> , 0, , .	0.4	1