Dana M. Hawley

List of Publications by Year
in descending order

75 papers	3,037 citations	136950 32 h-index	175258 52 g-index
75 all docs	75 docs citations	75 times ranked	3234 citing authors

#	Article	IF	Citations
1	Disease ecology meets ecological immunology: understanding the links between organismal immunity and infection dynamics in natural populations. Functional Ecology, 2011, 25, 48-60.	3.6	291
2	Host behaviourâ€“parasite feedback: an essential link between animal behaviour and disease ecology. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20153078.	2.6	112
3	An introduction to ecological immunology. Functional Ecology, 2011, 25, 1-4.	3.6	110
4	Infectious diseases and social distancing in nature. Science, 2021, 371, .	12.6	108
5	Does Animal Behavior Underlie Covariation Between Hostsâ€™ Exposure to Infectious Agents and Susceptibility to Infection? Implications for Disease Dynamics. Integrative and Comparative Biology, 2011, 51, 528-539.	2.0	107
6	Feeder use predicts both acquisition and transmission of a contagious pathogen in a North American songbird. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20151429.	2.6	106
7	Dynamics of a novel pathogen in an avian host: Mycoplasmal conjunctivitis in house finches. Acta Tropica, 2005, 94, 77-93.	2.0	98
8	Compromised immune competence in free-living tree swallows exposed to mercury. Ecotoxicology, 2009, 18, 499-503.	2.4	97
9	Genetic diversity predicts pathogen resistance and cell-mediated immunocompetence in house finches. Biology Letters, 2005, 1, 326-329.	2.3	95
10	House Finch Populations Differ in Early Inflammatory Signaling and Pathogen Tolerance at the Peak of<i>Mycoplasma gallisepticum</i>Infection. American Naturalist, 2013, 181, 674-689.	2.1	95
11	Experimental evidence for transmission of Mycoplasma gallisepticum in house finches by fomites. Avian Pathology, 2007, 36, 205-208.	2.0	92
12	Molecular evidence for a founder effect in invasive house finch (Carpodacus mexicanus) populations experiencing an emergent disease epidemic. Molecular Ecology, 2005, 15, 263-275.	3.9	91
13	Incubation temperature affects multiple measures of immunocompetence in young wood ducks (<i>Aix) Tj ETQq1 1 0.784314 rgBT /O	2.3	80
14	Sickness behaviour acting as an evolutionary trap? Male house finches preferentially feed near diseased conspecifics. Biology Letters, 2010, 6, 462-465.	2.3	78
15	Parallel Patterns of Increased Virulence in a Recently Emerged Wildlife Pathogen. PLoS Biology, 2013, 11, e1001570.	5.6	78
16	Experimental infection of domestic canaries (<i>Serinus canaria domestica</i>) with<i>Mycoplasma gallisepticum</i>: a new model system for a wildlife disease. Avian Pathology, 2011, 40, 321-327.	2.0	54
17	La Crosse Virus inAedes japonicus japonicusMosquitoes in the Appalachian Region, United States. Emerging Infectious Diseases, 2015, 21, 646-649.	4.3	54
18	Food for contagion: synthesis and future directions for studying hostâ€“parasite responses to resource shifts in anthropogenic environments. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170102.	4.0	54

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19	Characterization of Experimental Mycoplasma gallisepticum Infection in Captive House Finch Flocks. Avian Diseases, 2006, 50, 39-44.	1.0	53
20	Tolerance of infection: A role for animal behavior, potential immune mechanisms, and consequences for parasite transmission. Hormones and Behavior, 2017, 88, 79-86.	2.1	50
21	Incomplete host immunity favors the evolution of virulence in an emergent pathogen. Science, 2018, 359, 1030-1033.	12.6	50
22	Experimentally increased social competition compromises humoral immune responses in house finches. Hormones and Behavior, 2006, 49, 417-424.	2.1	49
23	Emerging infectious disease and the challenges of social distancing in human and non-human animals. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201039.	2.6	46
24	Stress responses and disease in three wintering house finch (Carpodacus mexicanus) populations along a latitudinal gradient. General and Comparative Endocrinology, 2005, 143, 231-239.	1.8	45
25	Costs of immune responses are related to host body size and lifespan. Journal of Experimental Zoology Part A: Ecological and Integrative Physiology, 2017, 327, 254-261.	1.9	45
26	Dynamics of Mycoplasmal Conjunctivitis in the Native and Introduced Range of the Host. EcoHealth, 2006, 3, 95-102.	2.0	44
27	Infection reduces antiâ€predator behaviors in house finches. Journal of Avian Biology, 2017, 48, 519-528.	1.2	42
28	Feeder density enhances house finch disease transmission in experimental epidemics. Philosophical Transactions of the Royal Society B: Biological Sciences, 2018, 373, 20170090.	4.0	40
29	Multiple host transfers, but only one successful lineage in a continent-spanning emergent pathogen. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20131068.	2.6	37
30	Pathogen resistance and immunocompetence covary with social status in house finches (Carpodacus) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.6	35
31	Common garden experiment reveals pathogen isolate but no host genetic diversity effect on the dynamics of an emerging wildlife disease. Journal of Evolutionary Biology, 2010, 23, 1680-1688.	1.7	35
32	Contrasting Epidemic Histories Reveal Pathogen-Mediated Balancing Selection on Class II MHC Diversity in a Wild Songbird. PLoS ONE, 2012, 7, e30222.	2.5	35
33	Additive metabolic costs of thermoregulation and pathogen infection. Functional Ecology, 2012, 26, 701-710.	3.6	33
34	Resident Microbiome Disruption with Antibiotics Enhances Virulence of a Colonizing Pathogen. Scientific Reports, 2017, 7, 16177.	3.3	33
35	Exploratory behavior is linked to stress physiology and social network centrality in free-living house finches (Haemorhous mexicanus). Hormones and Behavior, 2018, 102, 105-113.	2.1	32
36	Deposition of pathogenic <i>Mycoplasma gallisepticum</i> onto bird feeders: host pathology is more important than temperature-driven increases in food intake. Biology Letters, 2013, 9, 20130594.	2.3	30

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37	Bidirectional interactions between host social behaviour and parasites arise through ecological and evolutionary processes. Parasitology, 2021, 148, 274-288.	1.5	30
38	House Finch (<i>Haemorhous mexicanus</i>) Conjunctivitis, and <i>Mycoplasma</i> spp. Isolated from North American Wild Birds, 1994â€“2015. Journal of Wildlife Diseases, 2016, 52, 669-673.	0.8	28
39	Differing House Finch Cytokine Expression Responses to Original and Evolved Isolates of Mycoplasma gallisepticum. Frontiers in Immunology, 2018, 9, 13.	4.8	28
40	Ptilochronology Reveals Differences in Condition of Captive White-Throated Sparrows. Condor, 2001, 103, 579-586.	1.6	27
41	Do not feed the wildlife: associations between garbage use, aggression, and disease in banded mongooses (<i>Mungos mungo</i>). Ecology and Evolution, 2016, 6, 5932-5939.	1.9	26
42	Observations at backyard bird feeders influence the emotions and actions of people that feed birds. People and Nature, 2019, 1, 138-151.	3.7	25
43	PTILOCHRONOLOGY REVEALS DIFFERENCES IN CONDITION OF CAPTIVE WHITE-THROATED SPARROWS. Condor, 2001, 103, 579.	1.6	23
44	Pathogenicity and immunogenicity of three Mycoplasma gallisepticum isolates in house finches (Carpodacus mexicanus). Veterinary Microbiology, 2012, 155, 53-61.	1.9	23
45	No evidence for avoidance of visibly diseased conspecifics in the highly social banded mongoose (Mungos mungo). Behavioral Ecology and Sociobiology, 2015, 69, 371-381.	1.4	23
46	Changes in corticosterone concentrations and behavior during Mycoplasma gallisepticum infection in house finches (Haemorhous mexicanus). General and Comparative Endocrinology, 2016, 235, 70-77.	1.8	23
47	Reconciling molecular signatures across markers: mitochondrial DNA confirms founder effect in invasive North American house finches (Carpodacus mexicanus). Conservation Genetics, 2008, 9, 637-643.	1.5	20
48	Using Remote Biomonitoring to Understand Heterogeneity in Immune-Responses and Disease-Dynamics in Small, Free-Living Animals. Integrative and Comparative Biology, 2014, 54, 377-386.	2.0	19
49	Incubation temperature causes skewed sex ratios in a precocial bird. Journal of Experimental Biology, 2016, 219, 1961-4.	1.7	19
50	Host Responses to Pathogen Priming in a Natural Songbird Host. EcoHealth, 2017, 14, 793-804.	2.0	19
51	Asymmetric effects of experimental manipulations of social status on individual immune response. Animal Behaviour, 2006, 71, 1431-1438.	1.9	18
52	Eye of the Finch: characterization of the ocular microbiome of house finches in relation to mycoplasmal conjunctivitis. Environmental Microbiology, 2017, 19, 1439-1449.	3.8	17
53	Relationships among plumage coloration, blood selenium concentrations, and immune responses of adult and nestling tree swallows. Journal of Experimental Biology, 2015, 218, 3415-24.	1.7	14
54	La Crosse Virus Field Detection and Vector Competence of Culex Mosquitoes. American Journal of Tropical Medicine and Hygiene, 2015, 93, 461-467.	1.4	13

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55	Isolation and characterization of eight microsatellite loci from the house finch (Carpodacus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	1.7	12
56	Influence of Forest Disturbance on La Crosse Virus Risk in Southwestern Virginia. Insects, 2020, 11, 28.	2.2	11
57	Exposure to residual concentrations of elements from a remediated coal fly ash spill does not adversely influence stress and immune responses of nestling tree swallows. , 2014, 2, cou018-cou018.		10
58	The Impact of Health Status on Dispersal Behavior in Banded Mongooses (Mungos mungo). EcoHealth, 2014, 11, 258-262.	2.0	10
59	The effects of a remediated fly ash spill and weather conditions on reproductive success and offspring development in tree swallows. Environmental Monitoring and Assessment, 2015, 187, 119.	2.7	7
60	Host population dynamics in the face of an evolving pathogen. Journal of Animal Ecology, 2021, 90, 1480-1491.	2.8	7
61	Experimental test of microbiome protection across pathogen doses reveals importance of resident microbiome composition. FEMS Microbiology Ecology, 2021, 97, .	2.7	7
62	House finch responses to Mycoplasma gallisepticum infection do not vary with experimentally increased aggression. Journal of Experimental Zoology, 2015, 323, 39-51.	1.2	6
63	Identification and functional characterization of the house finch interleukin-1Î². Developmental and Comparative Immunology, 2017, 69, 41-50.	2.3	6
64	Chronic Mycoplasma conjunctivitis in house finches: Host antibody response and M. gallisepticum VlhA expression. Veterinary Immunology and Immunopathology, 2013, 154, 129-137.	1.2	5
65	Host exposure history modulates the within-host advantage of virulence in a songbird-bacterium system. Scientific Reports, 2019, 9, 20348.	3.3	5
66	Response of House Finches Recovered from <i>Mycoplasma gallisepticum</i> to Reinfection with a Heterologous Strain. Avian Diseases, 2017, 61, 437-441.	1.0	4
67	Experimental logging alters the abundance and community composition of ovipositing mosquitoes in the southern Appalachians. Ecological Entomology, 2018, 43, 463-472.	2.2	4
68	Differential house finch leukocyte profiles during experimental infection with <i>Mycoplasma gallisepticum</i> isolates of varying virulence. Avian Pathology, 2020, 49, 342-354.	2.0	4
69	Characterization of unilateral conjunctival inoculation with Mycoplasma gallisepticum in house finches. Avian Pathology, 2018, 47, 526-530.	2.0	3
70	Host-Parasite Interactions. , 2014, , 73-92.		3
71	House finches with high coccidia burdens experience more severe experimental Mycoplasma gallisepticum infections. Parasitology Research, 2020, 119, 3535-3539.	1.6	2
72	Timing of feather molt related to date of spring migration in male whiteâ€throated sparrows, <i>Zonotrichia albicollis</i>. Journal of Experimental Zoology, 2014, 321, 586-594.	1.2	1

#	Article	IF	Citations
73	Protection Generated by Prior Exposure to Pathogens Depends on both Priming and Challenge Dose. Infection and Immunity, 2022, 90, IAI0053721.	2.2	1
74	Development and validation of a house finch interleukin-1Î² (HfIL-1Î²) ELISA system. BMC Veterinary Research, 2017, 13, 276.	1.9	0
75	Antibiotic perturbation of gut bacteria does not significantly alter host responses to ocular disease in a songbird species. PeerJ, 0, 10, e13559.	2.0	0