

# Dana M. Hawley

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Protection Generated by Prior Exposure to Pathogens Depends on both Priming and Challenge Dose. <i>Infection and Immunity</i> , 2022, 90, IAI0053721.	2.2	1
2	Bidirectional interactions between host social behaviour and parasites arise through ecological and evolutionary processes. <i>Parasitology</i> , 2021, 148, 274-288.	1.5	30
3	Infectious diseases and social distancing in nature. <i>Science</i> , 2021, 371, .	12.6	108
4	Host population dynamics in the face of an evolving pathogen. <i>Journal of Animal Ecology</i> , 2021, 90, 1480-1491.	2.8	7
5	Experimental test of microbiome protection across pathogen doses reveals importance of resident microbiome composition. <i>FEMS Microbiology Ecology</i> , 2021, 97, .	2.7	7
6	Influence of Forest Disturbance on La Crosse Virus Risk in Southwestern Virginia. <i>Insects</i> , 2020, 11, 28.	2.2	11
7	Emerging infectious disease and the challenges of social distancing in human and non-human animals. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201039.	2.6	46
8	House finches with high coccidia burdens experience more severe experimental <i>Mycoplasma gallisepticum</i> infections. <i>Parasitology Research</i> , 2020, 119, 3535-3539.	1.6	2
9	Differential house finch leukocyte profiles during experimental infection with <i>Mycoplasma gallisepticum</i> isolates of varying virulence. <i>Avian Pathology</i> , 2020, 49, 342-354.	2.0	4
10	Observations at backyard bird feeders influence the emotions and actions of people that feed birds. <i>People and Nature</i> , 2019, 1, 138-151.	3.7	25
11	Host exposure history modulates the within-host advantage of virulence in a songbird-bacterium system. <i>Scientific Reports</i> , 2019, 9, 20348.	3.3	5
12	Incomplete host immunity favors the evolution of virulence in an emergent pathogen. <i>Science</i> , 2018, 359, 1030-1033.	12.6	50
13	Experimental logging alters the abundance and community composition of ovipositing mosquitoes in the southern Appalachians. <i>Ecological Entomology</i> , 2018, 43, 463-472.	2.2	4
14	Feeder density enhances house finch disease transmission in experimental epidemics. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170090.	4.0	40
15	Food for contagion: synthesis and future directions for studying host-parasite responses to resource shifts in anthropogenic environments. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2018, 373, 20170102.	4.0	54
16	Exploratory behavior is linked to stress physiology and social network centrality in free-living house finches ( <i>Haemorrhous mexicanus</i> ). <i>Hormones and Behavior</i> , 2018, 102, 105-113.	2.1	32
17	Characterization of unilateral conjunctival inoculation with <i>Mycoplasma gallisepticum</i> in house finches. <i>Avian Pathology</i> , 2018, 47, 526-530.	2.0	3
18	Differing House Finch Cytokine Expression Responses to Original and Evolved Isolates of <i>Mycoplasma gallisepticum</i> . <i>Frontiers in Immunology</i> , 2018, 9, 13.	4.8	28

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19	Identification and functional characterization of the house finch interleukin-1 $\beta$ . <i>Developmental and Comparative Immunology</i> , 2017, 69, 41-50.	2.3	6
20	Host Responses to Pathogen Priming in a Natural Songbird Host. <i>EcoHealth</i> , 2017, 14, 793-804.	2.0	19
21	Costs of immune responses are related to host body size and lifespan. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2017, 327, 254-261.	1.9	45
22	Tolerance of infection: A role for animal behavior, potential immune mechanisms, and consequences for parasite transmission. <i>Hormones and Behavior</i> , 2017, 88, 79-86.	2.1	50
23	Infection reduces anti-predator behaviors in house finches. <i>Journal of Avian Biology</i> , 2017, 48, 519-528.	1.2	42
24	Eye of the Finch: characterization of the ocular microbiome of house finches in relation to mycoplasmal conjunctivitis. <i>Environmental Microbiology</i> , 2017, 19, 1439-1449.	3.8	17
25	Response of House Finches Recovered from <i>Mycoplasma gallisepticum</i> to Reinfection with a Heterologous Strain. <i>Avian Diseases</i> , 2017, 61, 437-441.	1.0	4
26	Development and validation of a house finch interleukin-1 $\beta$ (HfIL-1 $\beta$ ) ELISA system. <i>BMC Veterinary Research</i> , 2017, 13, 276.	1.9	0
27	Resident Microbiome Disruption with Antibiotics Enhances Virulence of a Colonizing Pathogen. <i>Scientific Reports</i> , 2017, 7, 16177.	3.3	33
28	Incubation temperature causes skewed sex ratios in a precocial bird. <i>Journal of Experimental Biology</i> , 2016, 219, 1961-4.	1.7	19
29	House Finch ( <i>Haemorhous mexicanus</i> ) Conjunctivitis, and <i>Mycoplasma</i> spp. Isolated from North American Wild Birds, 1994-2015. <i>Journal of Wildlife Diseases</i> , 2016, 52, 669-673.	0.8	28
30	Changes in corticosterone concentrations and behavior during <i>Mycoplasma gallisepticum</i> infection in house finches ( <i>Haemorhous mexicanus</i> ). <i>General and Comparative Endocrinology</i> , 2016, 235, 70-77.	1.8	23
31	Host behaviour-parasite feedback: an essential link between animal behaviour and disease ecology. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20153078.	2.6	112
32	Do not feed the wildlife: associations between garbage use, aggression, and disease in banded mongooses ( <i>Mungos mungo</i> ). <i>Ecology and Evolution</i> , 2016, 6, 5932-5939.	1.9	26
33	No evidence for avoidance of visibly diseased conspecifics in the highly social banded mongoose ( <i>Mungos mungo</i> ). <i>Behavioral Ecology and Sociobiology</i> , 2015, 69, 371-381.	1.4	23
34	Relationships among plumage coloration, blood selenium concentrations, and immune responses of adult and nestling tree swallows. <i>Journal of Experimental Biology</i> , 2015, 218, 3415-24.	1.7	14
35	House finch responses to <i>Mycoplasma gallisepticum</i> infection do not vary with experimentally increased aggression. <i>Journal of Experimental Zoology</i> , 2015, 323, 39-51.	1.2	6
36	La Crosse Virus Field Detection and Vector Competence of <i>Culex</i> Mosquitoes. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015, 93, 461-467.	1.4	13

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37	The effects of a remediated fly ash spill and weather conditions on reproductive success and offspring development in tree swallows. <i>Environmental Monitoring and Assessment</i> , 2015, 187, 119.	2.7	7
38	La Crosse Virus in <i>Aedes japonicus japonicus</i> Mosquitoes in the Appalachian Region, United States. <i>Emerging Infectious Diseases</i> , 2015, 21, 646-649.	4.3	54
39	Feeder use predicts both acquisition and transmission of a contagious pathogen in a North American songbird. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151429.	2.6	106
40	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
41	The Impact of Health Status on Dispersal Behavior in Banded Mongooses ( <i>Mungos mungo</i> ). <i>EcoHealth</i> , 2014, 11, 258-262.	2.0	10
42	Using Remote Biomonitoring to Understand Heterogeneity in Immune-Responses and Disease-Dynamics in Small, Free-Living Animals. <i>Integrative and Comparative Biology</i> , 2014, 54, 377-386.	2.0	19
43	Timing of feather molt related to date of spring migration in male white-throated sparrows, <i>Zonotrichia albicollis</i> . <i>Journal of Experimental Zoology</i> , 2014, 321, 586-594.	1.2	1
44	Host-Parasite Interactions. , 2014, , 73-92.		3
45	Chronic <i>Mycoplasma conjunctivitis</i> in house finches: Host antibody response and <i>M. gallisepticum</i> VlhA expression. <i>Veterinary Immunology and Immunopathology</i> , 2013, 154, 129-137.	1.2	5
46	Parallel Patterns of Increased Virulence in a Recently Emerged Wildlife Pathogen. <i>PLoS Biology</i> , 2013, 11, e1001570.	5.6	78
47	House Finch Populations Differ in Early Inflammatory Signaling and Pathogen Tolerance at the Peak of <i>Mycoplasma gallisepticum</i> Infection. <i>American Naturalist</i> , 2013, 181, 674-689.	2.1	95
48	Deposition of pathogenic <i>Mycoplasma gallisepticum</i> onto bird feeders: host pathology is more important than temperature-driven increases in food intake. <i>Biology Letters</i> , 2013, 9, 20130594.	2.3	30
49	Multiple host transfers, but only one successful lineage in a continent-spanning emergent pathogen. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013, 280, 20131068.	2.6	37
50	Incubation temperature affects multiple measures of immunocompetence in young wood ducks ( <i>Aix tjingensis</i> ). <i>Journal of Experimental Zoology</i> , 2013, 313, 100-108.	2.3	80
51	Additive metabolic costs of thermoregulation and pathogen infection. <i>Functional Ecology</i> , 2012, 26, 701-710.	3.6	33
52	Pathogenicity and immunogenicity of three <i>Mycoplasma gallisepticum</i> isolates in house finches ( <i>Carpodacus mexicanus</i> ). <i>Veterinary Microbiology</i> , 2012, 155, 53-61.	1.9	23
53	Contrasting Epidemic Histories Reveal Pathogen-Mediated Balancing Selection on Class II MHC Diversity in a Wild Songbird. <i>PLoS ONE</i> , 2012, 7, e30222.	2.5	35
54	Disease ecology meets ecological immunology: understanding the links between organismal immunity and infection dynamics in natural populations. <i>Functional Ecology</i> , 2011, 25, 48-60.	3.6	291

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55	An introduction to ecological immunology. <i>Functional Ecology</i> , 2011, 25, 1-4.	3.6	110
56	Does Animal Behavior Underlie Covariation Between Hosts' Exposure to Infectious Agents and Susceptibility to Infection? Implications for Disease Dynamics. <i>Integrative and Comparative Biology</i> , 2011, 51, 528-539.	2.0	107
57	Experimental infection of domestic canaries ( <i>Serinus canaria domestica</i> ) with <i>Mycoplasma gallisepticum</i> : a new model system for a wildlife disease. <i>Avian Pathology</i> , 2011, 40, 321-327.	2.0	54
58	Common garden experiment reveals pathogen isolate but no host genetic diversity effect on the dynamics of an emerging wildlife disease. <i>Journal of Evolutionary Biology</i> , 2010, 23, 1680-1688.	1.7	35
59	Sickness behaviour acting as an evolutionary trap? Male house finches preferentially feed near diseased conspecifics. <i>Biology Letters</i> , 2010, 6, 462-465.	2.3	78
60	Compromised immune competence in free-living tree swallows exposed to mercury. <i>Ecotoxicology</i> , 2009, 18, 499-503.	2.4	97
61	Reconciling molecular signatures across markers: mitochondrial DNA confirms founder effect in invasive North American house finches ( <i>Carpodacus mexicanus</i> ). <i>Conservation Genetics</i> , 2008, 9, 637-643.	1.5	20
62	Experimental evidence for transmission of <i>Mycoplasma gallisepticum</i> in house finches by fomites. <i>Avian Pathology</i> , 2007, 36, 205-208.	2.0	92
63	Pathogen resistance and immunocompetence covary with social status in house finches ( <i>Carpodacus</i> )	3.6	35
64	Characterization of Experimental <i>Mycoplasma gallisepticum</i> Infection in Captive House Finch Flocks. <i>Avian Diseases</i> , 2006, 50, 39-44.	1.0	53
65	Experimentally increased social competition compromises humoral immune responses in house finches. <i>Hormones and Behavior</i> , 2006, 49, 417-424.	2.1	49
66	Dynamics of Mycoplasmal Conjunctivitis in the Native and Introduced Range of the Host. <i>EcoHealth</i> , 2006, 3, 95-102.	2.0	44
67	Asymmetric effects of experimental manipulations of social status on individual immune response. <i>Animal Behaviour</i> , 2006, 71, 1431-1438.	1.9	18
68	Isolation and characterization of eight microsatellite loci from the house finch ( <i>Carpodacus</i> )	1.7	12
69	Molecular evidence for a founder effect in invasive house finch ( <i>Carpodacus mexicanus</i> ) populations experiencing an emergent disease epidemic. <i>Molecular Ecology</i> , 2005, 15, 263-275.	3.9	91
70	Stress responses and disease in three wintering house finch ( <i>Carpodacus mexicanus</i> ) populations along a latitudinal gradient. <i>General and Comparative Endocrinology</i> , 2005, 143, 231-239.	1.8	45
71	Dynamics of a novel pathogen in an avian host: Mycoplasmal conjunctivitis in house finches. <i>Acta Tropica</i> , 2005, 94, 77-93.	2.0	98
72	Genetic diversity predicts pathogen resistance and cell-mediated immunocompetence in house finches. <i>Biology Letters</i> , 2005, 1, 326-329.	2.3	95

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73	Ptilochronology Reveals Differences in Condition of Captive White-Throated Sparrows. Condor, 2001, 103, 579-586.	1.6	27
74	PTILOCHRONOLOGY REVEALS DIFFERENCES IN CONDITION OF CAPTIVE WHITE-THROATED SPARROWS. Condor, 2001, 103, 579.	1.6	23
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