

Durland Fish

List of Publications by Year in Descending Order

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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.

116
papers

11,263
citations

62
h-index

105
g-index

125
ext. papers

12,722
ext. citations

6.6
avg, IF

5.84
L-index

#	Paper	IF	Citations
116	Emergence potential of mosquito-borne arboviruses from the Florida Everglades. <i>PLoS ONE</i> , 2021 , 16, e0259419	3.7	0
115	Characterization of Three New Insect-Specific Flaviviruses: Their Relationship to the Mosquito-Borne Flavivirus Pathogens. <i>American Journal of Tropical Medicine and Hygiene</i> , 2018 , 98, 410-419	2.3	31
114	Response to "Transfusion-transmitted and community-acquired babesiosis in New York, 2004 to 2015: a response to why and what to do". <i>Transfusion</i> , 2018 , 58, 1818-1819	2.9	
113	Genetic characterization, molecular epidemiology, and phylogenetic relationships of insect-specific viruses in the taxon Negevirus. <i>Virology</i> , 2017 , 504, 152-167	3.6	44
112	Lyme disease ecology in a changing world: consensus, uncertainty and critical gaps for improving control. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2017 , 372,	5.8	115
111	Assessment of synthetic floral-based attractants and sugar baits to capture male and female <i>Aedes aegypti</i> (Diptera: Culicidae). <i>Parasites and Vectors</i> , 2017 , 10, 32	4	16
110	Closely-related <i>Borrelia burgdorferi</i> (sensu stricto) strains exhibit similar fitness in single infections and asymmetric competition in multiple infections. <i>Parasites and Vectors</i> , 2017 , 10, 64	4	15
109	Almendravirus: A Proposed New Genus of Rhabdoviruses Isolated from Mosquitoes in Tropical Regions of the Americas. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017 , 96, 100-109	3.2	20
108	A Cost-Effectiveness Tool for Informing Policies on Zika Virus Control. <i>PLoS Neglected Tropical Diseases</i> , 2016 , 10, e0004743	4.8	47
107	Evaluating the effectiveness of localized control strategies to curtail chikungunya. <i>Scientific Reports</i> , 2016 , 6, 23997	4.9	12
106	Response to Esteve-Gassent et al.: flaB sequences obtained from Texas PCR products are identical to the positive control strain <i>Borrelia burgdorferi</i> B31. <i>Parasites and Vectors</i> , 2015 , 8, 310	4	6
105	Association between body size and reservoir competence of mammals bearing <i>Borrelia burgdorferi</i> at an endemic site in the northeastern United States. <i>Parasites and Vectors</i> , 2015 , 8, 299	4	26
104	Spatial and Temporal Clustering of Chikungunya Virus Transmission in Dominica. <i>PLoS Neglected Tropical Diseases</i> , 2015 , 9, e0003977	4.8	22
103	Long-term in vitro cultivation of <i>Borrelia miyamotoi</i> . <i>Ticks and Tick-borne Diseases</i> , 2015 , 6, 181-4	3.6	27
102	Gut microbiota of the tick vector <i>Ixodes scapularis</i> modulate colonization of the Lyme disease spirochete. <i>Cell Host and Microbe</i> , 2014 , 15, 58-71	23.4	204
101	<i>Borrelia miyamotoi</i> sensu lato seroreactivity and seroprevalence in the northeastern United States. <i>Emerging Infectious Diseases</i> , 2014 , 20, 1183-90	10.2	84
100	Monitoring human babesiosis emergence through vector surveillance New England, USA. <i>Emerging Infectious Diseases</i> , 2014 , 20, 225-31	10.2	52

99	Borrelia burgdorferi promotes the establishment of Babesia microti in the northeastern United States. <i>PLoS ONE</i> , 2014 , 9, e115494	3.7	65
98	Quantitative PCR for detection of Babesia microti in Ixodes scapularis ticks and in human blood. <i>Vector-Borne and Zoonotic Diseases</i> , 2013 , 13, 784-90	2.4	35
97	Transovarial transmission of Borrelia spirochetes by Ixodes scapularis: a summary of the literature and recent observations. <i>Ticks and Tick-borne Diseases</i> , 2013 , 4, 46-51	3.6	164
96	Human Borrelia miyamotoi infection in the United States. <i>New England Journal of Medicine</i> , 2013 , 368, 291-3	59.2	186
95	Identification of Borrelia burgdorferi ospC genotypes in host tissue and feeding ticks by terminal restriction fragment length polymorphisms. <i>Applied and Environmental Microbiology</i> , 2013 , 79, 958-64	4.8	8
94	Human risk of infection with Borrelia burgdorferi, the Lyme disease agent, in eastern United States. <i>American Journal of Tropical Medicine and Hygiene</i> , 2012 , 86, 320-7	3.2	178
93	Predicted outcomes of vaccinating wildlife to reduce human risk of Lyme disease. <i>Vector-Borne and Zoonotic Diseases</i> , 2012 , 12, 544-51	2.4	15
92	Geographic variation in the relationship between human Lyme disease incidence and density of infected host-seeking Ixodes scapularis nymphs in the Eastern United States. <i>American Journal of Tropical Medicine and Hygiene</i> , 2012 , 86, 1062-71	3.2	110
91	Humans infected with relapsing fever spirochete Borrelia miyamotoi, Russia. <i>Emerging Infectious Diseases</i> , 2011 , 17, 1816-23	10.2	294
90	Population genetics, taxonomy, phylogeny and evolution of Borrelia burgdorferi sensu lato. <i>Infection, Genetics and Evolution</i> , 2011 , 11, 1545-63	4.5	166
89	Field and climate-based model for predicting the density of host-seeking nymphal Ixodes scapularis, an important vector of tick-borne disease agents in the eastern United States. <i>Global Ecology and Biogeography</i> , 2010 , 19, 504	6.1	71
88	Anaplasma phagocytophilum induces actin phosphorylation to selectively regulate gene transcription in Ixodes scapularis ticks. <i>Journal of Experimental Medicine</i> , 2010 , 207, 1727-43	16.6	62
87	Ecology: a prerequisite for malaria elimination and eradication. <i>PLoS Medicine</i> , 2010 , 7, e1000303	11.6	243
86	Klaus Kurtenbach--a tribute to his life. <i>Ticks and Tick-borne Diseases</i> , 2010 , 1, 69-72	3.6	
85	Multilocus sequence analysis of Borrelia bissettii strains from North America reveals a new Borrelia species, Borrelia kurtenbachii. <i>Ticks and Tick-borne Diseases</i> , 2010 , 1, 151-8	3.6	85
84	Anaplasma phagocytophilum induces Ixodes scapularis ticks to express an antifreeze glycoprotein gene that enhances their survival in the cold. <i>Journal of Clinical Investigation</i> , 2010 , 120, 3179-90	15.9	123
83	Evaluation of the United States Department Of Agriculture Northeast Area-wide Tick Control Project by meta-analysis. <i>Vector-Borne and Zoonotic Diseases</i> , 2009 , 9, 423-30	2.4	36
82	The United States Department of Agriculture's Northeast Area-wide Tick Control Project: summary and conclusions. <i>Vector-Borne and Zoonotic Diseases</i> , 2009 , 9, 439-48	2.4	41

81	Acaricidal treatment of white-tailed deer to control <i>Ixodes scapularis</i> (Acari: Ixodidae) in a New York Lyme disease-endemic community. <i>Vector-Borne and Zoonotic Diseases</i> , 2009 , 9, 381-7	2.4	20
80	Langerhans cell deficiency impairs <i>Ixodes scapularis</i> suppression of Th1 responses in mice. <i>Infection and Immunity</i> , 2009 , 77, 1881-7	3.7	18
79	Community-based prevention of Lyme disease and other tick-borne diseases through topical application of acaricide to white-tailed deer: background and rationale. <i>Vector-Borne and Zoonotic Diseases</i> , 2009 , 9, 357-64	2.4	29
78	The United States Department Of Agriculture Northeast Area-wide Tick Control Project: history and protocol. <i>Vector-Borne and Zoonotic Diseases</i> , 2009 , 9, 365-70	2.4	18
77	Climate and tick seasonality are predictors of <i>Borrelia burgdorferi</i> genotype distribution. <i>Applied and Environmental Microbiology</i> , 2009 , 75, 2476-83	4.8	132
76	Phylogeography of <i>Borrelia burgdorferi</i> in the eastern United States reflects multiple independent Lyme disease emergence events. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 15013-8	11.5	114
75	Effects of tick control by acaricide self-treatment of white-tailed deer on host-seeking tick infection prevalence and entomologic risk for <i>Ixodes scapularis</i> -borne pathogens. <i>Vector-Borne and Zoonotic Diseases</i> , 2009 , 9, 431-8	2.4	46
74	Niche partitioning of <i>Borrelia burgdorferi</i> and <i>Borrelia miyamotoi</i> in the same tick vector and mammalian reservoir species. <i>American Journal of Tropical Medicine and Hygiene</i> , 2009 , 81, 1120-31	3.2	210
73	Effectiveness of mosquito traps in measuring species abundance and composition. <i>Journal of Medical Entomology</i> , 2008 , 45, 517-21	2.2	37
72	Prevalence of <i>Borrelia burgdorferi</i> sensu lato in <i>Ixodes ricinus</i> and <i>I. lividus</i> ticks collected from wild birds in the Republic of Moldova. <i>International Journal of Medical Microbiology</i> , 2008 , 298, 149-153	3.7	15
71	MLST of housekeeping genes captures geographic population structure and suggests a European origin of <i>Borrelia burgdorferi</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 8730-5	11.5	232
70	Fitness variation of <i>Borrelia burgdorferi</i> sensu stricto strains in mice. <i>Applied and Environmental Microbiology</i> , 2008 , 74, 153-7	4.8	69
69	Remotely-sensed vegetation indices identify mosquito clusters of West Nile virus vectors in an urban landscape in the northeastern United States. <i>Vector-Borne and Zoonotic Diseases</i> , 2008 , 8, 197-206	2.4	60
68	Ecological factors associated with West Nile virus transmission, northeastern United States. <i>Emerging Infectious Diseases</i> , 2008 , 14, 1539-45	10.2	89
67	Comparison of three satellite sensors at three spatial scales to predict larval mosquito presence in Connecticut wetlands. <i>Remote Sensing of Environment</i> , 2008 , 112, 2301-2308	13.2	20
66	A Bayesian hierarchical model for the estimation of two incomplete surveillance data sets. <i>Statistics in Medicine</i> , 2008 , 27, 3269-85	2.3	3
65	Outer surface protein B is critical for <i>Borrelia burgdorferi</i> adherence and survival within <i>Ixodes</i> ticks. <i>PLoS Pathogens</i> , 2007 , 3, e33	7.6	72
64	Role of outer surface protein D in the <i>Borrelia burgdorferi</i> life cycle. <i>Infection and Immunity</i> , 2007 , 75, 4237-44	3.7	31

63	An Ixodes scapularis protein required for survival of Anaplasma phagocytophilum in tick salivary glands. <i>Journal of Experimental Medicine</i> , 2006 , 203, 1507-17	16.6	91
62	The clinical assessment, treatment, and prevention of Lyme disease, human granulocytic anaplasmosis, and babesiosis: clinical practice guidelines by the Infectious Diseases Society of America. <i>Clinical Infectious Diseases</i> , 2006 , 43, 1089-134	11.6	1444
61	MyD88 deficiency enhances acquisition and transmission of Borrelia burgdorferi by Ixodes scapularis ticks. <i>Infection and Immunity</i> , 2006 , 74, 2154-60	3.7	18
60	Epidemic spread of Lyme borreliosis, northeastern United States. <i>Emerging Infectious Diseases</i> , 2006 , 12, 604-11	10.2	117
59	Fundamental processes in the evolutionary ecology of Lyme borreliosis. <i>Nature Reviews Microbiology</i> , 2006 , 4, 660-9	22.2	328
58	The Lyme disease agent exploits a tick protein to infect the mammalian host. <i>Nature</i> , 2005 , 436, 573-7	50.4	373
57	Effect of Climate Change on Lyme Disease Risk in North America. <i>EcoHealth</i> , 2005 , 2, 38-46	3.1	175
56	Forest fragmentation predicts local scale heterogeneity of Lyme disease risk. <i>Oecologia</i> , 2005 , 146, 469-75	15.9	172
55	What about the ducks? An alternative vaccination strategy. <i>Yale Journal of Biology and Medicine</i> , 2005 , 78, 301-8	2.4	1
54	Enhancing West Nile virus surveillance, United States. <i>Emerging Infectious Diseases</i> , 2004 , 10, 1129-33	10.2	41
53	Typing of Borrelia relapsing fever group strains. <i>Emerging Infectious Diseases</i> , 2004 , 10, 1661-4	10.2	95
52	An ecological approach to preventing human infection: vaccinating wild mouse reservoirs intervenes in the Lyme disease cycle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 18159-64	11.5	227
51	Interaction and transmission of two Borrelia burgdorferi sensu stricto strains in a tick-rodent maintenance system. <i>Applied and Environmental Microbiology</i> , 2004 , 70, 6783-8	4.8	71
50	Borrelia burgdorferi infection in a natural population of Peromyscus Leucopus mice: a longitudinal study in an area where Lyme Borreliosis is highly endemic. <i>Journal of Infectious Diseases</i> , 2004 , 189, 1515-23	15.7	85
49	A dispersal model for the range expansion of blacklegged tick (Acari: Ixodidae). <i>Journal of Medical Entomology</i> , 2004 , 41, 842-52	2.2	87
48	Real-time PCR for simultaneous detection and quantification of Borrelia burgdorferi in field-collected Ixodes scapularis ticks from the Northeastern United States. <i>Applied and Environmental Microbiology</i> , 2003 , 69, 4561-5	4.8	50
47	A climate-based model predicts the spatial distribution of the Lyme disease vector Ixodes scapularis in the United States. <i>Environmental Health Perspectives</i> , 2003 , 111, 1152-7	8.4	180
46	Genetic variability within Borrelia burgdorferi sensu lato genospecies established by PCR-single-strand conformation polymorphism analysis of the rrfA-rrlB intergenic spacer in ixodes ricinus ticks from the Czech Republic. <i>Applied and Environmental Microbiology</i> , 2003 , 69, 509-16	4.8	92

45	Examination of the <i>Borrelia burgdorferi</i> transcriptome in <i>Ixodes scapularis</i> during feeding. <i>Journal of Bacteriology</i> , 2002 , 184, 3122-5	3.5	64
44	Comparison of the reservoir competence of medium-sized mammals and <i>Peromyscus leucopus</i> for <i>Anaplasma phagocytophilum</i> in Connecticut. <i>Vector-Borne and Zoonotic Diseases</i> , 2002 , 2, 125-36	2.4	100
43	Spatial analysis of West Nile virus: rapid risk assessment of an introduced vector-borne zoonosis. <i>Vector-Borne and Zoonotic Diseases</i> , 2002 , 2, 157-64	2.4	109
42	Yes, Yet Another Journal. <i>Vector-Borne and Zoonotic Diseases</i> , 2001 , 1, 1-1	2.4	
41	Prophylaxis with single-dose doxycycline for the prevention of Lyme disease after an <i>Ixodes scapularis</i> tick bite. <i>New England Journal of Medicine</i> , 2001 , 345, 79-84	59.2	348
40	OspA immunization decreases transmission of <i>Borrelia burgdorferi</i> spirochetes from infected <i>Peromyscus leucopus</i> mice to larval <i>Ixodes scapularis</i> ticks. <i>Vector-Borne and Zoonotic Diseases</i> , 2001 , 1, 65-74	2.4	32
39	Interference between the agents of Lyme disease and human granulocytic ehrlichiosis in a natural reservoir host. <i>Vector-Borne and Zoonotic Diseases</i> , 2001 , 1, 139-48	2.4	28
38	A relapsing fever group spirochete transmitted by <i>Ixodes scapularis</i> ticks. <i>Vector-Borne and Zoonotic Diseases</i> , 2001 , 1, 21-34	2.4	255
37	Coinfection with <i>Borrelia burgdorferi</i> and the agent of human granulocytic ehrlichiosis suppresses IL-2 and IFN gamma production and promotes an IL-4 response in C3H/HeJ mice. <i>Parasite Immunology</i> , 2000 , 22, 581-8	2.2	57
36	Acquisition of coinfection and simultaneous transmission of <i>Borrelia burgdorferi</i> and <i>Ehrlichia phagocytophila</i> by <i>Ixodes scapularis</i> ticks. <i>Infection and Immunity</i> , 2000 , 68, 2183-6	3.7	91
35	Immunity reduces reservoir host competence of <i>Peromyscus leucopus</i> for <i>Ehrlichia phagocytophila</i> . <i>Infection and Immunity</i> , 2000 , 68, 1514-8	3.7	45
34	Francisella-like endosymbionts of ticks. <i>Journal of Invertebrate Pathology</i> , 2000 , 76, 301-3	2.6	62
33	Attachment of <i>Borrelia burgdorferi</i> within <i>Ixodes scapularis</i> mediated by outer surface protein A. <i>Journal of Clinical Investigation</i> , 2000 , 106, 561-9	15.9	185
32	Estimating population size and drag sampling efficiency for the blacklegged tick (Acari: Ixodidae). <i>Journal of Medical Entomology</i> , 2000 , 37, 357-63	2.2	52
31	Disparity in the natural cycles of <i>Borrelia burgdorferi</i> and the agent of human granulocytic ehrlichiosis. <i>Emerging Infectious Diseases</i> , 1999 , 5, 204-8	10.2	43
30	Comparative vector competence of <i>Dermacentor variabilis</i> and <i>Ixodes scapularis</i> (Acari: Ixodidae) for the agent of human granulocytic ehrlichiosis. <i>Journal of Medical Entomology</i> , 1999 , 36, 182-5	2.2	21
29	Landscape features associated with lyme disease risk in a suburban residential environment. <i>Landscape Ecology</i> , 1998 , 13, 27-36	4.3	57
28	Acquisition and transmission of the agent of human granulocytic ehrlichiosis by <i>Ixodes scapularis</i> ticks. <i>Journal of Clinical Microbiology</i> , 1998 , 36, 3574-8	9.7	96

27	Transmission of the agent of human granulocytic ehrlichiosis by host-seeking <i>Ixodes scapularis</i> (Acari:Ixodidae) in southern New York state. <i>Journal of Medical Entomology</i> , 1997 , 34, 379-82	2.2	62
26	Prevalence of the rickettsial agent of human granulocytic ehrlichiosis in ticks from a hyperendemic focus of Lyme disease. <i>New England Journal of Medicine</i> , 1997 , 337, 49-50	59.2	80
25	Feeding density influences acquisition of <i>Borrelia burgdorferi</i> in larval <i>Ixodes scapularis</i> (Acari: Ixodidae). <i>Journal of Medical Entomology</i> , 1997 , 34, 569-72	2.2	10
24	Inhibition of efficient polymerase chain reaction amplification of <i>Borrelia burgdorferi</i> DNA in blood-fed ticks. <i>American Journal of Tropical Medicine and Hygiene</i> , 1997 , 56, 339-42	3.2	71
23	Landscape characterization of peridomestic risk for Lyme disease using satellite imagery. <i>American Journal of Tropical Medicine and Hygiene</i> , 1997 , 57, 687-92	3.2	122
22	Timing of <i>Ixodes scapularis</i> (Acari: Ixodidae) oviposition and larval activity in southern New York. <i>Journal of Medical Entomology</i> , 1996 , 33, 140-7	2.2	40
21	Duration of tick bites in a Lyme disease-endemic area. <i>American Journal of Epidemiology</i> , 1996 , 143, 187-92	3.2	115
20	Effect of deer exclusion on the abundance of immature <i>Ixodes scapularis</i> (Acari: Ixodidae) parasitizing small and medium-sized mammals. <i>Journal of Medical Entomology</i> , 1995 , 32, 5-11	2.2	53
19	Increase in abundance of immature <i>Ixodes scapularis</i> (Acari: Ixodidae) in an emergent Lyme disease endemic area. <i>Journal of Medical Entomology</i> , 1995 , 32, 522-6	2.2	34
18	Canine exposure to <i>Borrelia burgdorferi</i> and prevalence of <i>Ixodes dammini</i> (Acari: Ixodidae) on deer as a measure of Lyme disease risk in the northeastern United States. <i>Journal of Medical Entomology</i> , 1993 , 30, 171-8	2.2	32
17	Relative importance of bird species as hosts for immature <i>Ixodes dammini</i> (Acari: Ixodidae) in a suburban residential landscape of southern New York State. <i>Journal of Medical Entomology</i> , 1993 , 30, 740-7	2.2	63
16	Reduced abundance of <i>Ixodes scapularis</i> (Acari: Ixodidae) and Lyme disease risk by deer exclusion. <i>Journal of Medical Entomology</i> , 1993 , 30, 1043-9	2.2	83
15	Reduction of nymphal <i>Ixodes dammini</i> (Acari: Ixodidae) in a residential suburban landscape by area application of insecticides. <i>Journal of Medical Entomology</i> , 1993 , 30, 107-13	2.2	87
14	Entomologic and demographic correlates of anti-tick saliva antibody in a prospective study of tick bite subjects in Westchester County, New York. <i>American Journal of Tropical Medicine and Hygiene</i> , 1993 , 48, 50-7	3.2	19
13	A comparison of methods for sampling the deer tick, <i>Ixodes dammini</i> , in a Lyme disease endemic area. <i>Experimental and Applied Acarology</i> , 1992 , 14, 165-73	2.1	118
12	Evaluation of host-targeted acaricide for reducing risk of Lyme disease in southern New York state. <i>Journal of Medical Entomology</i> , 1991 , 28, 537-43	2.2	56
11	Landscape ecology of Lyme disease in a residential area of Westchester County, New York. <i>American Journal of Epidemiology</i> , 1991 , 133, 1105-13	3.8	200
10	Horizontal movement of adult <i>Ixodes dammini</i> (Acari: Ixodidae) attracted to CO ₂ -baited traps. <i>Journal of Medical Entomology</i> , 1991 , 28, 726-9	2.2	87

9	Spatial Distribution and Dispersal of Unfed Larval <i>Ixodes dammini</i> (Acari: Ixodidae) in Southern New York. <i>Environmental Entomology</i> , 1990 , 19, 1029-1033	2.1	57
8	The role of medium-sized mammals as reservoirs of <i>Borrelia burgdorferi</i> in southern New York. <i>Journal of Wildlife Diseases</i> , 1990 , 26, 339-45	1.3	49
7	Host associations of ticks (Acari: Ixodidae) parasitizing medium-sized mammals in a Lyme disease endemic area of southern New York. <i>Journal of Medical Entomology</i> , 1989 , 26, 200-9	2.2	64
6	Seasonal activity and survival of adult <i>Ixodes dammini</i> (Acari: Ixodidae) in southern New York State. <i>Journal of Medical Entomology</i> , 1989 , 26, 610-4	2.2	49
5	Ticks parasitizing humans in a Lyme disease endemic area of southern New York State. <i>American Journal of Epidemiology</i> , 1988 , 128, 1146-52	3.8	83
4	Prevalence of <i>Ixodes dammini</i> near the homes of Lyme disease patients in Westchester County, New York. <i>American Journal of Epidemiology</i> , 1988 , 127, 826-30	3.8	128
3	Spirochetes in ticks and antibodies to <i>Borrelia burgdorferi</i> in white-tailed deer from Connecticut, New York State, and North Carolina. <i>Journal of Wildlife Diseases</i> , 1986 , 22, 178-88	1.3	123
2	Leaf Litter and Larval Mosquito Dynamics in Tree-Hole Ecosystems. <i>Ecology</i> , 1982 , 63, 283-288	4.6	156
1	Estimating a feasible serial interval range for Zika fever. <i>Bulletin of the World Health Organization</i> ,	8.2	13