Rebecca J Eisen

List of Publications by Year
in descending order

146 papers	6,944 citations	61857 43 h-index	74018 75 g-index
149 all docs	149 docs citations	149 times ranked	3907 citing authors

#	Article	IF	Citations
1	Climate and Vectorborne Diseases. American Journal of Preventive Medicine, 2008, 35, 436-450.	1.6	397
2	County-Scale Distribution of<i>Ixodes scapularis</i>and<i>Ixodes pacificus</i>(Acari: Ixodidae) in the Continental United States. Journal of Medical Entomology, 2016, 53, 349-386.	0.9	321
3	The Blacklegged Tick, Ixodes scapularis : An Increasing Public Health Concern. Trends in Parasitology, 2018, 34, 295-309.	1.5	247
4	Early-phase transmission of Yersinia pestis by unblocked fleas as a mechanism explaining rapidly spreading plague epizootics. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 15380-15385.	3.3	203
5	Tick-Borne Zoonoses in the United States: Persistent and Emerging Threats to Human Health. ILAR Journal, 2017, 58, 319-335.	1.8	203
6	Adaptive strategies of<i>Yersinia pestis</i>to persist during inter-epizootic and epizootic periods. Veterinary Research, 2009, 40, 01.	1.1	168
7	Linkages of Weather and Climate With<i>Ixodes scapularis</i>and<i>Ixodes pacificus</i>(Acari:) Tj ETQq1 1 0.784314 rgBT /Overlock 1 Journal of Medical Entomology, 2016, 53, 250-261.	0.9	162
8	Transmission of Flea-Borne Zoonotic Agents. Annual Review of Entomology, 2012, 57, 61-82.	5.7	159
9	Multistate Infestation with the Exotic Diseaseâ€"Vector Tick <i>Haemaphysalis longicornis</i> â€" United States, August 2017â€"September 2018. Morbidity and Mortality Weekly Report, 2018, 67, 1310-1313.	9.0	150
10	Using Geographic Information Systems and Decision Support Systems for the Prediction, Prevention, and Control of Vector-Borne Diseases. Annual Review of Entomology, 2011, 56, 41-61.	5.7	149
11	Geographic Variation in the Relationship between Human Lyme Disease Incidence and Density of Infected Host-Seeking Ixodes scapularis Nymphs in the Eastern United States. American Journal of Tropical Medicine and Hygiene, 2012, 86, 1062-1071.	0.6	141
12	Spatial Distribution of Counties in the Continental United States With Records of Occurrence of<i>Amblyomma americanum</i>(Ixodida: Ixodidae). Journal of Medical Entomology, 2014, 51, 342-351.	0.9	121
13	Tick and Tickborne Pathogen Surveillance as a Public Health Tool in the United States. Journal of Medical Entomology, 2021, 58, 1490-1502.	0.9	117
14	Modeling the Present and Future Geographic Distribution of the Lone Star Tick, Amblyomma americanum (Ixodida: Ixodidae), in the Continental United States. American Journal of Tropical Medicine and Hygiene, 2015, 93, 875-890.	0.6	110
15	Expanding Range of Amblyomma americanum and Simultaneous Changes in the Epidemiology of Spotted Fever Group Rickettsiosis in the United States. American Journal of Tropical Medicine and Hygiene, 2016, 94, 35-42.	0.6	104
16	Persistence of<i>Yersinia pestis</i>in Soil Under Natural Conditions. Emerging Infectious Diseases, 2008, 14, 941-943.	2.0	95
17	Modeling the Geographic Distribution of<i>Ixodes scapularis</i>and<i>Ixodes pacificus</i>(Acari:) Tj ETQq1 1 0.784314 rgBT /Overlock	0.9	95
18	Detection of aBorrelia miyamotoiSensu Lato Relapsing-Fever Group Spirochete fromIxodes pacificusin California. Journal of Medical Entomology, 2006, 43, 120-123.	0.9	94

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19	Western Gray Squirrel (Rodentia: Sciuridae): A Primary Reservoir Host of<i>Borrelia burgdorferi</i>in Californian Oak Woodlands?. Journal of Medical Entomology, 2005, 42, 388-396.	0.9	85
20	Heartland Virus Epidemiology, Vector Association, and Disease Potential. Viruses, 2018, 10, 498.	1.5	83
21	Early-phase Transmission of Yersinia pestis by Cat Fleas (Ctenocephalides felis) and Their Potential Role as Vectors in a Plague-endemic Region of Uganda. American Journal of Tropical Medicine and Hygiene, 2008, 78, 949-956.	0.6	83
22	Studies of Vector Competency and Efficiency of North American Fleas for <I>Yersinia pestis</I>: State of the Field and Future Research Needs. Journal of Medical Entomology, 2009, 46, 737-744.	0.9	80
23	Environmentally Related Variability in Risk of Exposure to Lyme Disease Spirochetes in Northern California: Effect of Climatic Conditions and Habitat Type. Environmental Entomology, 2003, 32, 1010-1018.	0.7	79
24	Transmission Efficiency of Two Flea Species (Oropsylla tuberculata cynomuris and Oropsylla hirsuta) Involved in Plague Epizootics among Prairie Dogs. EcoHealth, 2008, 5, 205-212.	0.9	77
25	Critical Evaluation of the Linkage Between Tick-Based Risk Measures and the Occurrence of Lyme Disease Cases: Table 1.. Journal of Medical Entomology, 2016, 53, 1050-1062.	0.9	75
26	Early-Phase Transmission of<i>Yersinia pestis</i>by Unblocked<i>Xenopsylla cheopis</i>(Siphonaptera:) Tj ETQq0 0 0 rgBT /Overlock 10 678-682.	0.9	73
27	SPATIAL PATTERNS OF LYME DISEASE RISK IN CALIFORNIA BASED ON DISEASE INCIDENCE DATA AND MODELING OF VECTOR-TICK EXPOSURE. American Journal of Tropical Medicine and Hygiene, 2006, 75, 669-676.	0.6	73
28	Spatial Modeling of Human Risk of Exposure to Vector-Borne Pathogens Based on Epidemiological Versus Arthropod Vector Data. Journal of Medical Entomology, 2008, 45, 181-192.	0.9	71
29	Need for Improved Methods to Collect and Present Spatial Epidemiologic Data for Vectorborne Diseases. Emerging Infectious Diseases, 2007, 13, 1816-1820.	2.0	68
30	The roles of birds, lizards, and rodents as hosts for the western black-legged tick Ixodes pacificus. Journal of Vector Ecology, 2004, 29, 295-308.	0.5	67
31	What Do We Need to Know About Disease Ecology to Prevent Lyme Disease in the Northeastern United States?: Table 1.. Journal of Medical Entomology, 2012, 49, 11-22.	0.9	61
32	Early-Phase Transmission of <I>Yersinia pestis</I> by Unblocked <I>Xenopsylla cheopis</I> (Siphonaptera: Pulicidae) Is as Efficient as Transmission by Blocked Fleas. Journal of Medical Entomology, 2007, 44, 678-682.	0.9	60
33	Borrelia burgdorferi Sensu Lato Spirochetes in Wild Birds in Northwestern California: Associations with Ecological Factors, Bird Behavior and Tick Infestation. PLoS ONE, 2015, 10, e0118146.	1.1	58
34	PREDICTING DENSITY OF IXODES PACIFICUS NYMPHS IN DENSE WOODLANDS IN MENDOCINO COUNTY, CALIFORNIA, BASED ON GEOGRAPHIC INFORMATION SYSTEMS AND REMOTE SENSING VERSUS FIELD-DERIVED DATA. American Journal of Tropical Medicine and Hygiene, 2006, 74, 632-640.	0.6	56
35	Meteorological Influences on the Seasonality of Lyme Disease in the United States. American Journal of Tropical Medicine and Hygiene, 2014, 90, 486-496.	0.6	53
36	Prevalence and distribution of seven human pathogens in host-seeking Ixodes scapularis (Acari:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6	1.1	51

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37	Flea Diversity and Infestation Prevalence on Rodents in a Plague-Endemic Region of Uganda. American Journal of Tropical Medicine and Hygiene, 2009, 81, 718-724.	0.6	50
38	Climate change influences on the annual onset of Lyme disease in the United States. Ticks and Tick-borne Diseases, 2015, 6, 615-622.	1.1	50
39	<i>Oropsylla hirsuta</i>(Siphonaptera: Ceratophyllidae) Can Support Plague Epizootics in Black-Tailed Prairie Dogs (<i>Cynomys ludovicianus</i>) by Early-Phase Transmission of<i>Yersinia pestis</i>. Vector-Borne and Zoonotic Diseases, 2008, 8, 359-368.	0.6	49
40	Isolation of the Lyme Disease Spirochete Borrelia mayonii From Naturally Infected Rodents in Minnesota. Journal of Medical Entomology, 2017, 54, 1088-1092.	0.9	48
41	Failure of the Asian longhorned tick, Haemaphysalis longicornis, to serve as an experimental vector of the Lyme disease spirochete, Borrelia burgdorferi sensu stricto. Ticks and Tick-borne Diseases, 2020, 11, 101311.	1.1	48
42	Biofilm formation is not required for early-phase transmission of Yersinia pestis. Microbiology (United Kingdom), 2010, 156, 2216-2225.	0.7	47
43	Transmission cycles of Borrelia burgdorferi and B. bissettii in relation to habitat type in northwestern California. Journal of Vector Ecology, 2009, 34, 81-91.	0.5	46
44	Transmission Dynamics of<i>Borrelia burgdorferi</i>s.s. During the Key Third Day of Feeding by Nymphal<i>Ixodes scapularis</i>(Acari: Ixodidae). Journal of Medical Entomology, 2008, 45, 732-736.	0.9	45
45	A spatially-explicit model of acarological risk of exposure to Borrelia burgdorferi-infected Ixodes pacificus nymphs in northwestern California based on woodland type, temperature, and water vapor. Ticks and Tick-borne Diseases, 2010, 1, 35-43.	1.1	45
46	Human Plague in the Southwestern United States, 1957â€“2004: Spatial Models of Elevated Risk of Human Exposure to <I>Yersinia pestis</I>. Journal of Medical Entomology, 2007, 44, 530-537.	0.9	44
47	Human Plague in the Southwestern United States, 1957â€“2004: Spatial Models of Elevated Risk of Human Exposure toYersinia pestis. Journal of Medical Entomology, 2007, 44, 530-537.	0.9	44
48	The Role of Early-Phase Transmission in the Spread of<i>Yersinia pestis</i>. Journal of Medical Entomology, 2015, 52, 1183-1192.	0.9	44
49	Transmission Dynamics of <I>Borrelia burgdorferi</I> s.s. During the Key Third Day of Feeding by Nymphal <I>Ixodes scapularis</I> (Acari: Ixodidae). Journal of Medical Entomology, 2008, 45, 732-736.	0.9	43
50	A Spatial Model of Shared Risk for Plague and Hantavirus Pulmonary Syndrome in the Southwestern United States. American Journal of Tropical Medicine and Hygiene, 2007, 77, 999-1004.	0.6	42
51	Western Gray Squirrel (Rodentia: Sciuridae): A Primary Reservoir Host of <I>Borrelia burgdorferi</I> in Californian Oak Woodlands?. Journal of Medical Entomology, 2005, 42, 388-396.	0.9	41
52	Prevalence of single and coinfections of human pathogens in Ixodes ticks from five geographical regions in the United States, 2013â€“2019. Ticks and Tick-borne Diseases, 2021, 12, 101637.	1.1	41
53	Early-phase transmission of Yersinia pestis by cat fleas (Ctenocephalides felis) and their potential role as vectors in a plague-endemic region of Uganda. American Journal of Tropical Medicine and Hygiene, 2008, 78, 949-56.	0.6	41
54	Flea Diversity as an Element for Persistence of Plague Bacteria in an East African Plague Focus. PLoS ONE, 2012, 7, e35598.	1.1	40

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55	A Survey of Tick Surveillance and Control Practices in the United States. Journal of Medical Entomology, 2021, 58, 1503-1512.	0.9	39
56	Residence-Linked Human Plague in New Mexico: A Habitat-Suitability Model. American Journal of Tropical Medicine and Hygiene, 2007, 77, 121-125.	0.6	39
57	Population Structure of the Lyme Borreliosis Spirochete <i>Borrelia burgdorferi</i> in the Western Black-Legged Tick (<i>Ixodes pacificus</i>) in Northern California. Applied and Environmental Microbiology, 2009, 75, 7243-7252.	1.4	37
58	Landscape and Residential Variables Associated with Plague-Endemic Villages in the West Nile Region of Uganda. American Journal of Tropical Medicine and Hygiene, 2011, 84, 435-442.	0.6	37
59	Temporal Dynamics of Early-Phase Transmission of<i>Yersinia pestis</i>by Unblocked Fleas: Secondary Infectious Feeds Prolong Efficient Transmission by<i>Oropsylla montana</i>(Siphonaptera:) Tj ETQq1 1 0.784314 rg BT /Overlock 10	0.9	36
60	Transmission Efficiency of Francisella tularensis by Adult American Dog Ticks (Acari: Ixodidae). Journal of Medical Entomology, 2011, 48, 884-890.	0.9	36
61	Improvement of Disease Prediction and Modeling through the Use of Meteorological Ensembles: Human Plague in Uganda. PLoS ONE, 2012, 7, e44431.	1.1	36
62	Life Stage-Related Differences in Density of Questing Ticks and Infection with<i>Borrelia burgdorferi</i>sensu lato Within a Single Cohort of<i>Ixodes pacificus</i>(Acari: Ixodidae). Journal of Medical Entomology, 2004, 41, 768-773.	0.9	35
63	Detection of a <I>Borrelia miyamotoi</I> Sensu Lato Relapsing-Fever Group Spirochete from <I>Ixodes pacificus</I> in California. Journal of Medical Entomology, 2006, 43, 120-123.	0.9	35
64	Transmission Dynamics of Francisella tularensis Subspecies and Clades by Nymphal Dermacentor variabilis (Acari: Ixodidae). American Journal of Tropical Medicine and Hygiene, 2010, 83, 645-652.	0.6	35
65	Spatial patterns of Lyme disease risk in California based on disease incidence data and modeling of vector-tick exposure. American Journal of Tropical Medicine and Hygiene, 2006, 75, 669-76.	0.6	35
66	Transmission Cycles ofBorrelia burgdorferiandB. bissettiiin Relation to Habitat Type in Northwestern California. Journal of Vector Ecology, 2009, 34, 81-91.	0.5	34
67	Assessing Human Risk of Exposure to Plague Bacteria in Northwestern Uganda Based on Remotely Sensed Predictors. American Journal of Tropical Medicine and Hygiene, 2010, 82, 904-911.	0.6	34
68	An Acarologic Survey and Amblyomma americanum Distribution Map with Implications for Tularemia Risk in Missouri. American Journal of Tropical Medicine and Hygiene, 2011, 84, 411-419.	0.6	34
69	Benefits and Drawbacks of Citizen Science to Complement Traditional Data Gathering Approaches for Medically Important Hard Ticks (Acari: Ixodidae) in the United States. Journal of Medical Entomology, 2021, 58, 1-9.	0.9	34
70	Seasonal fluctuations of small mammal and flea communities in a Ugandan plague focus: evidence to implicate Arvicanthis niloticus and Crocidura spp. as key hosts in Yersinia pestis transmission. Parasites and Vectors, 2015, 8, 11.	1.0	33
71	Prevalence and Diversity of Tick-Borne Pathogens in Nymphal<i>Ixodes scapularis</i>(Acari: Ixodidae) in Eastern National Parks. Journal of Medical Entomology, 2017, 54, tjw213.	0.9	33
72	Demonstration of Early-Phase Transmission of <I>Yersinia pestis</I> by the Mouse Flea, <I>Aetheca wagneri</I> (Siphonaptera: Ceratophylidae), and Implications for the Role of Deer Mice as Enzootic Reservoirs. Journal of Medical Entomology, 2008, 45, 1160-1164.	0.9	31

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73	Transmission Shifts Underlie Variability in Population Responses to Yersinia pestis Infection. PLoS ONE, 2011, 6, e22498.	1.1	31
74	Temporal Dynamics of Early-Phase Transmission of <I>Yersinia pestis</I> by Unblocked Fleas: Secondary Infectious Feeds Prolong Efficient Transmission by <I>Oropsylla montana</I> (Siphonaptera: Ceratophyllidae). Journal of Medical Entomology, 2007, 44, 672-677.	0.9	29
75	Demonstration of Early-Phase Transmission of Yersinia pestis by the Mouse Flea, Aetheca wagneri (Siphonaptera: Ceratophylidae), and Implications for the Role of Deer Mice as Enzootic Reservoirs. Journal of Medical Entomology, 2008, 45, 1160-1164.	0.9	29
76	A molecular algorithm to detect and differentiate human pathogens infecting Ixodes scapularis and Ixodes pacificus (Acari: Ixodidae). Ticks and Tick-borne Diseases, 2018, 9, 390-403.	1.1	29
77	Spatial Risk Models for Human Plague in the West Nile Region of Uganda. American Journal of Tropical Medicine and Hygiene, 2009, 80, 1014-1022.	0.6	29
78	Evaluating acarological risk for exposure to Ixodes scapularis and Ixodes scapularis-borne pathogens in recreational and residential settings in Washington County, Minnesota. Ticks and Tick-borne Diseases, 2018, 9, 340-348.	1.1	28
79	Reported County-Level Distribution of Lyme Disease Spirochetes, <i>Borrelia burgdorferi sensu stricto</i> and <i>Borrelia mayonii</i> (Spirochaetales: Spirochaetaceae), in Host-Seeking <i>Ixodes scapularis</i> and <i>Ixodes pacificus</i> Ticks (Acari: Ixodidae) in the Contiguous United States. Journal of Medical Entomology, 2021, 58, 1219-1233.	0.9	28
80	Predicting spatiotemporal patterns of Lyme disease incidence from passively collected surveillance data for Borrelia burgdorferi sensu lato-infected Ixodes scapularis ticks. Ticks and Tick-borne Diseases, 2019, 10, 970-980.	1.1	27
81	Predicting density of Ixodes pacificus nymphs in dense woodlands in Mendocino County, California, based on geographic information systems and remote sensing versus field-derived data. American Journal of Tropical Medicine and Hygiene, 2006, 74, 632-40.	0.6	27
82	Habitat-related variation in infestation of lizards and rodents with Ixodes ticks in dense woodlands in Mendocino County, California. Experimental and Applied Acarology, 2004, 33, 215-233.	0.7	26
83	Spatial Risk Assessments Based on Vector-Borne Disease Epidemiologic Data: Importance of Scale for West Nile Virus Disease in Colorado. American Journal of Tropical Medicine and Hygiene, 2010, 82, 945-953.	0.6	26
84	Climatic Predictors of the Intra- and Inter-Annual Distributions of Plague Cases in New Mexico Based on 29 Years of Animal-Based Surveillance Data. American Journal of Tropical Medicine and Hygiene, 2010, 82, 95-102.	0.6	26
85	Effects of temperature on the transmission of Yersinia Pestis by the flea, Xenopsylla Cheopis, in the late phase period. Parasites and Vectors, 2011, 4, 191.	1.0	26
86	Reported County-Level Distribution of the American Dog Tick (Acari: Ixodidae) in the Contiguous United States. Journal of Medical Entomology, 2020, 57, 131-155.	0.9	25
87	Exposure of Small Rodents to Plague during Epizootics in Black-tailed Prairie Dogs. Journal of Wildlife Diseases, 2008, 44, 724-730.	0.3	24
88	A Regional Climatography of West Nile, Uganda, to Support Human Plague Modeling. Journal of Applied Meteorology and Climatology, 2012, 51, 1201-1221.	0.6	23
89	Climate Predictors of the Spatial Distribution of Human Plague Cases in the West Nile Region of Uganda. American Journal of Tropical Medicine and Hygiene, 2012, 86, 514-523.	0.6	23
90	Yersinia murine toxin is not required for early-phase transmission of Yersinia pestis by Oropsylla montana (Siphonaptera: Ceratophyllidae) or Xenopsylla cheopis (Siphonaptera: Pulicidae). Microbiology (United Kingdom), 2014, 160, 2517-2525.	0.7	23

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91	Effects of Temperature on Early-Phase Transmission of Yersina pestis by the Flea, Xenopsylla cheopis. Journal of Medical Entomology, 2011, 48, 411-417.	0.9	22
92	Reported County-Level Distribution of Seven Human Pathogens Detected in Host-Seeking <i>Ixodes scapularis</i> and <i>Ixodes pacificus</i> (Acari: Ixodidae) in the Contiguous United States. Journal of Medical Entomology, 2022, 59, 1328-1335.	0.9	22
93	Source of Host Blood Affects Prevalence of Infection and Bacterial Loads of<i>Yersinia pestis</i>in Fleas. Journal of Medical Entomology, 2008, 45, 933-938.	0.9	21
94	Evaluation of the Infectiousness to Mice of Soil Contaminated with Yersinia pestis-Infected Blood. Vector-Borne and Zoonotic Diseases, 2012, 12, 948-952.	0.6	21
95	Identification of Risk Factors for Plague in the West Nile Region of Uganda. American Journal of Tropical Medicine and Hygiene, 2014, 90, 1047-1058.	0.6	21
96	Evidence that rodent control strategies ought to be improved to enhance food security and reduce the risk of rodent-borne illnesses within subsistence farming villages in the plague-endemic West Nile region, Uganda. International Journal of Pest Management, 2013, 59, 259-270.	0.9	20
97	Paired real-time PCR assays for detection of Borrelia miyamotoi in North American Ixodes scapularis and Ixodes pacificus (Acari: Ixodidae). Ticks and Tick-borne Diseases, 2016, 7, 1230-1235.	1.1	20
98	A spatial model of shared risk for plague and hantavirus pulmonary syndrome in the southwestern United States. American Journal of Tropical Medicine and Hygiene, 2007, 77, 999-1004.	0.6	20
99	What is the Risk for Exposure to Vector-Borne Pathogens in United States National Parks?. Journal of Medical Entomology, 2013, 50, 221-230.	0.9	18
100	Modeling Climate Suitability of the Western Blacklegged Tick in California. Journal of Medical Entomology, 2018, 55, 1133-1142.	0.9	18
101	Two Distinct Yersinia pestis Populations Causing Plague among Humans in the West Nile Region of Uganda. PLoS Neglected Tropical Diseases, 2016, 10, e0004360.	1.3	18
102	An Acarological Risk Model Predicting the Density and Distribution of Host-Seeking Ixodes scapularis Nymphs in Minnesota. American Journal of Tropical Medicine and Hygiene, 2018, 98, 1671-1682.	0.6	18
103	Colorado animal-based plague surveillance systems: relationships between targeted animal species and prediction efficacy of areas at risk for humans. Journal of Vector Ecology, 2009, 34, 22-31.	0.5	17
104	Prevalence and Geographic Distribution of Borrelia miyamotoi in Host-Seeking Ixodes pacificus (Acari:) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.9	17
105	The Rise of Ticks and Tickborne Diseases in the United Statesâ€"Introduction. Journal of Medical Entomology, 2021, 58, 1487-1489.	0.9	17
106	Spatial risk models for human plague in the West Nile region of Uganda. American Journal of Tropical Medicine and Hygiene, 2009, 80, 1014-22.	0.6	17
107	Source of Host Blood Affects Prevalence of Infection and Bacterial Loads of <I>Yersinia pestis</I> in Fleas. Journal of Medical Entomology, 2008, 45, 933-938.	0.9	16
108	Evaluation of Rodent Bait Containing Imidacloprid for the Control of Fleas on Commensal Rodents in a Plague-Endemic Region of Northwest Uganda. Journal of Medical Entomology, 2010, 47, 842-850.	0.9	16

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109	Flea-Associated Bacterial Communities across an Environmental Transect in a Plague-Endemic Region of Uganda. PLoS ONE, 2015, 10, e0141057.	1.1	16
110	Residence-linked human plague in New Mexico: a habitat-suitability model. American Journal of Tropical Medicine and Hygiene, 2007, 77, 121-5.	0.6	16
111	Knowledge, attitudes, and behaviors regarding tick-borne disease prevention in Lyme disease-endemic areas of the Upper Midwest, United States. Ticks and Tick-borne Diseases, 2022, 13, 101925.	1.1	16
112	Efficacy of Indoor Residual Spraying Using Lambda-Cyhalothrin for Controlling Nontarget Vector Fleas (Siphonaptera) on Commensal Rats in a Plague Endemic Region of Northwestern Uganda. Journal of Medical Entomology, 2012, 49, 1027-1034.	0.9	15
113	An immunocompromised mouse model to infect Ixodes scapularis ticks with the relapsing fever spirochete, Borrelia miyamotoi. Ticks and Tick-borne Diseases, 2019, 10, 352-359.	1.1	15
114	LYMESIM 2.0: An Updated Simulation of Blacklegged Tick (Acari: Ixodidae) Population Dynamics and Enzootic Transmission of Borrelia burgdorferi (Spirochaetales: Spirochaetaceae). Journal of Medical Entomology, 2020, 57, 715-727.	0.9	15
115	Challenges in Predicting Lyme Disease Risk. JAMA Network Open, 2020, 3, e200328.	2.8	15
116	Infection Prevalence, Bacterial Loads, and Transmission Efficiency in<i>Oropsylla montana</i>(Siphonaptera: Ceratophyllidae) One Day After Exposure to Varying Concentrations of<i>Yersinia pestis</i>in Blood. Journal of Medical Entomology, 2016, 53, 674-680.	0.9	14
117	Ecology and Epidemiology of Tickborne Pathogens, Washington, USA, 2011â€“2016. Emerging Infectious Diseases, 2020, 26, 648-657.	2.0	14
118	Combining Real-Time Polymerase Chain Reaction Using SYBR Green I Detection and Sequencing to Identify Vertebrate Bloodmeals in Fleas. Journal of Medical Entomology, 2012, 49, 1442-1452.	0.9	13
119	Blood Meal Identification in Off-Host Cat Fleas (Ctenocephalides felis) from a Plague-Endemic Region of Uganda. American Journal of Tropical Medicine and Hygiene, 2013, 88, 381-389.	0.6	13
120	Comparison of Zoonotic Bacterial Agents in Fleas Collected from Small Mammals or Host-Seeking Fleas from a Ugandan Region Where Plague Is Endemic. MSphere, 2017, 2, .	1.3	13
121	Remote Sensing (Normalized Difference Vegetation Index) Classification of Risk Versus Minimal Risk Habitats for Human Exposure to<i>Ixodes pacificus</i>(Acari: Ixodidae) Nymphs in Mendocino County, California. Journal of Medical Entomology, 2005, 42, 75-81.	0.9	12
122	Response: The Geographic Distribution of Ixodes scapularis (Acari: Ixodidae) Revisited: The Importance of Assumptions About Error Balance. Journal of Medical Entomology, 2017, 54, 1104-1106.	0.9	12
123	Contact Irritancy and Toxicity of Permethrin-Treated Clothing for Ixodes scapularis, Amblyomma americanum, and Dermacentor variabilis Ticks (Acari: Ixodidae). Journal of Medical Entomology, 2018, 55, 1217-1224.	0.9	12
124	Evaluation of Rodent Bait Containing Imidacloprid for the Control of Fleas on Commensal Rodents in a Plague-Endemic Region of Northwest Uganda. Journal of Medical Entomology, 2010, 47, 842-850.	0.9	12
125	An Evaluation of Removal Trapping to Control Rodents Inside Homes in a Plague-Endemic Region of Rural Northwestern Uganda. Vector-Borne and Zoonotic Diseases, 2018, 18, 458-463.	0.6	11
126	An Evaluation of the Flea Index as a Predictor of Plague Epizootics in the West Nile Region of Uganda. Journal of Medical Entomology, 2020, 57, 893-900.	0.9	11

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127	Inter-annual variation in prevalence of Borrelia burgdorferi sensu stricto and Anaplasma phagocytophilum in host-seeking Ixodes scapularis (Acari: Ixodidae) at long-term surveillance sites in the upper midwestern United States: Implications for public health practice. Ticks and Tick-borne Diseases, 2022, 13, 101886.	1.1	11
128	Experimental Demonstration of Reservoir Competence of the White-Footed Mouse, Peromyscus leucopus (Rodentia: Cricetidae), for the Lyme Disease Spirochete, Borrelia mayonii (Spirochaetales:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.9	10
129	Pentaplex realâ€time PCR for differential detection of Yersinia pestis and Y . pseudotuberculosis and application for testing fleas collected during plague epizootics. MicrobiologyOpen, 2020, 9, e1105.	1.2	10
130	Evaluation of the Effect of Host Immune Status on Short-TermYersinia pestisInfection in Fleas With Implications for the Enzootic Host Model for Maintenance ofY. pestisDuring Interepizootic Periods. Journal of Medical Entomology, 2014, 51, 1079-1086.	0.9	9
131	Evaluation of a novel multiplex PCR amplicon sequencing assay for detection of human pathogens in Ixodes ticks. Ticks and Tick-borne Diseases, 2020, 11, 101504.	1.1	9
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