

# Lori Ow Stevens

## List of Publications by Year in descending order

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80  
papers

2,757  
citations

159585

30  
h-index

197818

49  
g-index

80  
all docs

80  
docs citations

80  
times ranked

2083  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental Studies of Group Selection: What Do They Tell US About Group Selection in Nature?. American Naturalist, 1997, 150, S59-S79.	2.1	253
2	Contextual Analysis of Models of Group Selection, Soft Selection, Hard Selection, and the Evolution of Altruism. American Naturalist, 1992, 140, 743-761.	2.1	242
3	Male-Killing, Nematode Infections, Bacteriophage Infection, and Virulence of Cytoplasmic Bacteria in the Genus Wolbachia. Annual Review of Ecology, Evolution, and Systematics, 2001, 32, 519-545.	6.7	114
4	Why should parasite resistance be costly?. Trends in Parasitology, 2002, 18, 116-120.	3.3	110
5	Environmental Dependency of Inbreeding Depression: Implications for Conservation Biology. Conservation Biology, 1994, 8, 562-568.	4.7	107
6	Male-killing Wolbachia in a flour beetle. Proceedings of the Royal Society B: Biological Sciences, 2000, 267, 1469-1473.	2.6	100
7	Multilevel Selection in Natural Populations of <i>Impatiens capensis</i> . American Naturalist, 1995, 145, 513-526.	2.1	94
8	Description of <i>Triatoma mopan</i> sp. n. from a cave in Belize (Hemiptera, Reduviidae, Triatominae). ZooKeys, 2018, 775, 69-95.	1.1	69
9	"Kissing Bugs": Potential Disease Vectors and Cause of Anaphylaxis. Clinical Infectious Diseases, 2010, 50, 1629-1634.	5.8	68
10	Description of <i>Triatoma huehuetenanguensis</i> sp. n., a potential Chagas disease vector (Hemiptera, Reduviidae). ZooKeys, 2018, 775, 101-107.	1.1	61
11	A New Method for Forensic DNA Analysis of the Blood Meal in Chagas Disease Vectors Demonstrated Using <i>Triatoma infestans</i> from Chuquisaca, Bolivia. PLoS ONE, 2008, 3, e3585.	2.5	59
12	THE GENETICS AND EVOLUTION OF CANNIBALISM IN FLOUR BEETLES (GENUS <i>TRIBOLIUM</i> ). Evolution; International Journal of Organic Evolution, 1989, 43, 169-179.	2.3	58
13	CONSEQUENCES OF INBREEDING ON INVERTEBRATE HOST SUSCEPTIBILITY TO PARASITIC INFECTION. Evolution; International Journal of Organic Evolution, 1997, 51, 2032-2039.	2.3	58
14	Environmental factors affecting reproductive incompatibility in flour beetles, genus <i>Tribolium</i> . Journal of Invertebrate Pathology, 1989, 53, 78-84.	3.2	54
15	Microsatellites Reveal a High Population Structure in <i>Triatoma infestans</i> from Chuquisaca, Bolivia. PLoS Neglected Tropical Diseases, 2008, 2, e202.	3.0	48
16	Vector Blood Meals and Chagas Disease Transmission Potential, United States. Emerging Infectious Diseases, 2012, 18, 646-649.	4.3	48
17	Multispecies Interactions Affect Cytoplasmic Incompatibility in <i>Tribolium</i> Flour Beetles. American Naturalist, 1992, 140, 642-653.	2.1	45
18	Ecohealth Interventions Limit Triatomine Reinfestation following Insecticide Spraying in La Brea, Guatemala. American Journal of Tropical Medicine and Hygiene, 2013, 88, 630-637.	1.4	44

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19	Free-roaming Kissing Bugs, Vectors of Chagas Disease, Feed Often on Humans in the Southwest. <i>American Journal of Medicine</i> , 2014, 127, 421-426.	1.5	43
20	Genetic diversity of <i>Triatoma infestans</i> (Hemiptera: Reduviidae) in Chuquisaca, Bolivia based on the mitochondrial cytochrome b gene. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2005, 100, 753-760.	1.6	43
21	Behavioral Changes in <i>Tribolium</i> Beetles Infected with a Tapeworm: Variation in Effects Between Beetle Species and Among Genetic Strains. <i>American Naturalist</i> , 1994, 143, 830-847.	2.1	42
22	The effect of population size on effective population size: an empirical study in the red flour beetle <i>Tribolium castaneum</i> . <i>Genetical Research</i> , 1996, 68, 151-155.	0.9	38
23	PCR reveals significantly higher rates of <i>Trypanosoma cruzi</i> infection than microscopy in the Chagas vector, <i>Triatoma infestans</i> : High rates found in Chuquisaca, Bolivia. <i>BMC Infectious Diseases</i> , 2007, 7, 66.	2.9	38
24	Uncovering vector, parasite, blood meal and microbiome patterns from mixed-DNA specimens of the Chagas disease vector <i>Triatoma dimidiata</i> . <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006730.	3.0	38
25	Selection by Parasites on Components of Fitness in <i>Tribolium</i> Beetles: The Effect of Intraspecific Competition. <i>American Naturalist</i> , 1995, 146, 795-813.	2.1	38
26	Genetic Analysis of Benzoquinone Production in <i>Tribolium confusum</i> . <i>Journal of Chemical Ecology</i> , 2004, 30, 1035-1044.	1.8	36
27	Effects of a Tapeworm Parasite on the Competition of <i>Tribolium</i> Beetles. <i>Ecology</i> , 1998, 79, 1093.	3.2	35
28	Genetic stability of cannibalism in <i>Tribolium confusum</i> . <i>Behavior Genetics</i> , 1985, 15, 549-559.	2.1	33
29	Consequences of Inbreeding on Invertebrate Host Susceptibility to Parasitic Infection. <i>Evolution; International Journal of Organic Evolution</i> , 1997, 51, 2032.	2.3	33
30	Migration and Gene Flow Among Domestic Populations of the Chagas Insect Vector <i>Triatoma dimidiata</i> (Hemiptera: Reduviidae) Detected by Microsatellite Loci. <i>Journal of Medical Entomology</i> , 2015, 52, 419-428.	1.8	32
31	Kissing Bugs. The Vectors of Chagas. <i>Advances in Parasitology</i> , 2011, 75, 169-192.	3.2	31
32	The Genetics and Evolution of Cannibalism in Flour Beetles (Genus <i>tribolium</i> ). <i>Evolution; International Journal of Organic Evolution</i> , 1989, 43, 169.	2.3	30
33	EFFECTS OF A TAPEWORM PARASITE ON THE COMPETITION OF <i>TRIBOLIUM</i> BEETLES. <i>Ecology</i> , 1998, 79, 1093-1103.	3.2	30
34	The diversity of the Chagas parasite, <i>Trypanosoma cruzi</i> , infecting the main Central American vector, <i>Triatoma dimidiata</i> , from Mexico to Colombia. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005878.	3.0	30
35	Microbe inhibition by <i>Tribolium</i> flour beetles varies with beetle species, strain, sex, and microbe group. <i>Journal of Chemical Ecology</i> , 2002, 28, 1183-1190.	1.8	29
36	The Effect of Population Subdivision on the Rate of Spread of Parasite-Mediated Cytoplasmic Incompatibility. <i>Journal of Theoretical Biology</i> , 1994, 167, 81-87.	1.7	27

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37	A method for the identification of guinea pig blood meal in the Chagas disease vector, <i>Triatoma infestans</i> . <i>Parasites and Vectors</i> , 2007, 6, 1.	1.9	25
38	Molecular evidence for single <i>Wolbachia</i> infections among geographic strains of the flour beetle <i>Tribolium confusum</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1997, 264, 1065-1068.	2.6	22
39	High genetic diversity in a single population of <i>Triatoma sanguisuga</i> (LeConte, 1855) inferred from two mitochondrial markers: Cytochrome b and 16S ribosomal DNA. <i>Infection, Genetics and Evolution</i> , 2011, 11, 671-677.	2.3	22
40	Vectors of diversity: Genome wide diversity across the geographic range of the Chagas disease vector <i>Triatoma dimidiata sensu lato</i> (Hemiptera: Reduviidae). <i>Molecular Phylogenetics and Evolution</i> , 2018, 120, 144-150.	2.7	22
41	Enhanced detection of groundwater contamination from a leaking waste disposal site by microbial community profiles. <i>Water Resources Research</i> , 2010, 46, .	4.2	21
42	Hypothesis testing clarifies the systematics of the main Central American Chagas disease vector, <i>Triatoma dimidiata</i> (Latreille, 1811), across its geographic range. <i>Infection, Genetics and Evolution</i> , 2016, 44, 431-443.	2.3	21
43	Low prevalence of Chagas parasite infection in a nonhuman primate colony in Louisiana. <i>Journal of the American Association for Laboratory Animal Science</i> , 2012, 51, 443-7.	1.2	21
44	Variation in the Production and Distribution of Substituted Benzoquinone Compounds among Genetic Strains of the Confused Flour Beetle, <i>Tribolium confusum</i> . <i>Physiological and Biochemical Zoology</i> , 2000, 73, 192-199.	1.5	20
45	Hunting, Swimming, and Worshipping: Human Cultural Practices Illuminate the Blood Meal Sources of Cave Dwelling Chagas Vectors ( <i>Triatoma dimidiata</i> ) in Guatemala and Belize. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3047.	3.0	20
46	PHYSIOLOGICAL BASES OF GENETIC DIFFERENCES IN CANNIBALISM BEHAVIOR OF THE CONFUSED FLOUR BEETLE <i>TRIBOLIUM CONFUSUM</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2001, 55, 797.	2.3	18
47	Implementation science: Epidemiology and feeding profiles of the Chagas vector <i>Triatoma dimidiata</i> prior to Ecohealth intervention for three locations in Central America. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006952.	3.0	18
48	<i>Wolbachia</i> infections in the Flour Beetle <i>Tribolium confusum</i> : Evidence for a Common Incompatibility Type across Strains. <i>Journal of Invertebrate Pathology</i> , 1996, 67, 195-197.	3.2	16
49	Towards a phylogenetic approach to the composition of species complexes in the North and Central American <i>Triatoma</i> , vectors of Chagas disease. <i>Infection, Genetics and Evolution</i> , 2014, 24, 157-166.	2.3	16
50	Mating prior to overwintering in the imported willow leaf beetle, <i>Plagioderma versicolora</i> (Coleoptera: Chrysomelidae). <i>Ecological Entomology</i> , 1989, 14, 219-223.	2.2	14
51	Chagas Disease in Central America: Recent Findings and Current Challenges in Vector Ecology and Control. <i>Current Tropical Medicine Reports</i> , 2019, 6, 76-91.	3.7	14
52	Cytoplasmically inherited parasites and reproductive success in <i>Tribolium</i> flour beetles. <i>Animal Behaviour</i> , 1993, 46, 305-310.	1.9	13
53	Geographical variation and sexual dimorphism of phenoloxidase levels in Japanese beetles ( <i>Popillia</i> ) <i>Tj ETQq1 1 0.784314 rgBT /Overl</i>	2.6	13
54	Annelid-Myxosporean Interactions. , 2015, , 217-234.		13

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55	Chagas disease vector blood meal sources identified by protein mass spectrometry. <i>PLoS ONE</i> , 2017, 12, e0189647.	2.5	13
56	Design and Interpretation of Experimental Studies of Interdemic Selection: A Reply to Getty. <i>American Naturalist</i> , 1999, 154, 599-603.	2.1	12
57	Household Model of Chagas Disease Vectors (Hemiptera: Reduviidae) Considering Domestic, Peridomestic, and Sylvatic Vector Populations. <i>Journal of Medical Entomology</i> , 2013, 50, 907-915.	1.8	12
58	Assessing Linkages in Stream Habitat, Geomorphic Condition, and Biological Integrity Using a Generalized Regression Neural Network. <i>Journal of the American Water Resources Association</i> , 2013, 49, 415-430.	2.4	12
59	Sources of Blood Meals of Sylvatic <i>Triatoma guasayana</i> near Zurima, Bolivia, Assayed with qPCR and 12S Cloning. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3365.	3.0	12
60	Residual survival and local dispersal drive reinfestation by <i>Triatoma dimidiata</i> following insecticide application in Guatemala. <i>Infection, Genetics and Evolution</i> , 2019, 74, 104000.	2.3	12
61	Novel polymerase chain reaction-restriction fragment length polymorphism assay to determine internal transcribed spacer-2 group in the Chagas disease vector, <i>Triatoma dimidiata</i> (Latreille, 1811). <i>Memorias Do Instituto Oswaldo Cruz</i> , 2013, 108, 395-398.	1.6	10
62	A test of Hamilton's rule: cannibalism and relatedness in beetles. <i>Animal Behaviour</i> , 1995, 49, 545-547.	1.9	9
63	The Parasite that Causes Whirling Disease, <i>Myxobolus cerebralis</i> , is Genetically Variable Within and Across Spatial Scales. <i>Journal of Eukaryotic Microbiology</i> , 2012, 59, 80-87.	1.7	9
64	From e-voucher to genomic data: Preserving archive specimens as demonstrated with medically important mosquitoes (Diptera: Culicidae) and kissing bugs (Hemiptera: Reduviidae). <i>PLoS ONE</i> , 2021, 16, e0247068.	2.5	8
65	A genetic linkage map for <i>Tribolium confusum</i> based on random amplified polymorphic DNAs and recombinant inbred lines. <i>Insect Molecular Biology</i> , 2003, 12, 517-526.	2.0	7
66	Spatial epidemiology and adaptive targeted sampling to manage the Chagas disease vector <i>Triatoma dimidiata</i> . <i>PLoS Neglected Tropical Diseases</i> , 2022, 16, e0010436.	3.0	7
67	Using real-time PCR and Bayesian analysis to distinguish susceptible tubificid taxa important in the transmission of <i>Myxobolus cerebralis</i> , the cause of salmonid whirling disease. <i>International Journal for Parasitology</i> , 2013, 43, 493-501.	3.1	6
68	Infestation dynamics of <i>Triatoma dimidiata</i> in highly deforested tropical dry forest regions of Guatemala. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2020, 115, e200203.	1.6	6
69	Insights from a comprehensive study of <i>Trypanosoma cruzi</i> : A new mitochondrial clade restricted to North and Central America and genetic structure of TcI in the region. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0010043.	3.0	5
70	Local adaptation to biocontrol agents: A multi-objective data-driven optimization model for the evolution of resistance. <i>Ecological Complexity</i> , 2008, 5, 252-259.	2.9	4
71	The role of natural selection in shaping genetic variation in a promising Chagas disease drug target: <i>Trypanosoma cruzi</i> trans-sialidase. <i>Infection, Genetics and Evolution</i> , 2018, 62, 151-159.	2.3	4
72	Protein mass spectrometry extends temporal blood meal detection over polymerase chain reaction in mouse-fed Chagas disease vectors. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2018, 113, e180160.	1.6	4

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73	Protein mass spectrometry detects multiple bloodmeals for enhanced Chagas disease vector ecology. <i>Infection, Genetics and Evolution</i> , 2019, 74, 103998.	2.3	4
74	Novel Evolutionary Algorithm Identifies Interactions Driving Infestation of <i>Triatoma dimidiata</i> , a Chagas Disease Vector. <i>American Journal of Tropical Medicine and Hygiene</i> , 2020, 103, 735-744.	1.4	4
75	Effect of Antibiotics on the Productivity of Genetic Strains of <i>Tribolium confusum</i> and <i>Tribolium castaneum</i> (Coleoptera: Tenebrionidae). <i>Environmental Entomology</i> , 1988, 17, 115-119.	1.4	3
76	Catch me if you can: Under-detection of <i>Trypanosoma cruzi</i> (Kinetoplastea: Trypanosomatida) infections in <i>Triatoma dimidiata</i> s.l. (Hemiptera: Reduviidae) from Central America. <i>Acta Tropica</i> , 2021, 224, 106130.	2.0	3
77	Using Geostatistics and Artificial Neural Networks to Determine the Location of a Contaminant Source. , 2006, , 1.		2
78	If you've seen one worm, have you seen them all? Spatial, community, and genetic variability of tubificid communities in Montana. <i>Freshwater Science</i> , 2015, 34, 909-917.	1.8	1
79	Assessing risk of vector transmission of Chagas disease through blood source analysis using LC-MS/MS for hemoglobin sequence identification. <i>PLoS ONE</i> , 2022, 17, e0262552.	2.5	1
80	PHYSIOLOGICAL BASES OF GENETIC DIFFERENCES IN CANNIBALISM BEHAVIOR OF THE CONFUSED FLOUR BEETLE <i>TRIBOLIUM CONFUSUM</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2007, 55, 797-806.	2.3	0