

Shannon L Ladeau

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

4,421
citations

117625

34
h-index

118850

62
g-index

75
all docs

75
docs citations

75
times ranked

6457
citing authors

#	ARTICLE	IF	CITATIONS
1	Using near-term forecasts and uncertainty partitioning to inform prediction of oligotrophic lake cyanobacterial density. <i>Ecological Applications</i> , 2022, 32, e2590.	3.8	6
2	Changes in Container-Breeding Mosquito Diversity and Abundance Along an Urbanization Gradient are Associated With Dominance of Arboviral Vectors. <i>Journal of Medical Entomology</i> , 2022, 59, 843-854.	1.8	4
3	Higher West Nile Virus Infection in <i>Aedes albopictus</i> (Diptera: Culicidae) and <i>Culex</i> (Diptera: Culicidae) Mosquitoes From Lower Income Neighborhoods in Urban Baltimore, MD. <i>Journal of Medical Entomology</i> , 2021, 58, 1424-1428.	1.8	11
4	Rodents harbouring zoonotic pathogens take advantage of abandoned land in post-Katrina New Orleans. <i>Molecular Ecology</i> , 2021, 30, 1943-1945.	3.9	0
5	Knowledge, Attitude, and Practices Survey in Greece before the Implementation of Sterile Insect Technique against <i>Aedes albopictus</i> . <i>Insects</i> , 2021, 12, 212.	2.2	12
6	More than Green: tree structure and biodiversity patterns differ across canopy change regimes in Baltimore's urban forest. <i>Urban Forestry and Urban Greening</i> , 2021, 65, 127365.	5.3	3
7	Condition-Specific Competitive Effects of the Invasive Mosquito <i>Aedes albopictus</i> on the Resident <i>Culex pipiens</i> among Different Urban Container Habitats May Explain Their Coexistence in the Field. <i>Insects</i> , 2021, 12, 993.	2.2	5
8	<i>Aedes albopictus</i> Body Size Differs Across Neighborhoods With Varying Infrastructural Abandonment. <i>Journal of Medical Entomology</i> , 2020, 57, 615-619.	1.8	9
9	Parasite and pathogen effects on ecosystem processes: A quantitative review. <i>Ecosphere</i> , 2020, 11, e03057.	2.2	22
10	The Role of Vector Trait Variation in Vector-Borne Disease Dynamics. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	2.2	57
11	Theoretical Perspectives of the Baltimore Ecosystem Study: Conceptual Evolution in a Social Ecological Research Project. <i>BioScience</i> , 2020, 70, 297-314.	4.9	20
12	Infectious hematopoietic necrosis virus specialization in a multihost salmonid system. <i>Evolutionary Applications</i> , 2020, 13, 1841-1853.	3.1	5
13	Climate change, ecosystems and abrupt change: science priorities. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190105.	4.0	169
14	Using a birdfeeder network to explore the effects of suburban design on invasive and native birds. <i>Avian Conservation and Ecology</i> , 2019, 14, .	0.8	3
15	Knowing nature and community through mosquitoes: reframing pest management through lay vector ecologies. <i>Local Environment</i> , 2019, 24, 1119-1135.	2.4	5
16	Assessing Effectiveness of Recommended Residential Yard Management Measures Against Ticks. <i>Journal of Medical Entomology</i> , 2019, 56, 1420-1427.	1.8	14
17	Effects of Detritus on the Mosquito <i>Culex pipiens</i> : <i>Phragmites</i> and <i>Schedonorus</i> (<i>Festuca</i>) Invasion Affect Population Performance. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4118.	2.6	7
18	Relationships Among Immature-Stage Metrics and Adult Abundances of Mosquito Populations in Baltimore, MD. <i>Journal of Medical Entomology</i> , 2019, 56, 192-198.	1.8	7

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19	Citizen science and civic ecology: merging paths to stewardship. <i>Journal of Environmental Studies and Sciences</i> , 2019, 9, 133-143.	2.0	12
20	Reflecting on Efforts to Design an Inclusive Citizen Science Project in West Baltimore. <i>Citizen Science: Theory and Practice</i> , 2019, 4, .	1.2	13
21	An epidemiological model of virus transmission in salmonid fishes of the Columbia River Basin. <i>Ecological Modelling</i> , 2018, 377, 1-15.	2.5	5
22	Beyond "the Mosquito People": The Challenges of Engaging Community for Environmental Justice in Infested Urban Spaces. , 2018, , 295-318.		11
23	Reducing <i>Aedes albopictus</i> breeding sites through education: A study in urban area. <i>PLoS ONE</i> , 2018, 13, e0202451.	2.5	21
24	Primary blood-hosts of mosquitoes are influenced by social and ecological conditions in a complex urban landscape. <i>Parasites and Vectors</i> , 2018, 11, 218.	2.5	55
25	Dynamic heterogeneity: a framework to promote ecological integration and hypothesis generation in urban systems. <i>Urban Ecosystems</i> , 2017, 20, 1-14.	2.4	140
26	Infectious hematopoietic necrosis virus virological and genetic surveillance 2000–2012. <i>Ecology</i> , 2017, 98, 283-283.	3.2	11
27	The Next Decade of Big Data in Ecosystem Science. <i>Ecosystems</i> , 2017, 20, 274-283.	3.4	68
28	Citizen Science as a Tool for Mosquito Control. <i>Journal of the American Mosquito Control Association</i> , 2017, 33, 241-245.	0.7	40
29	Transmission routes maintaining a viral pathogen of steelhead trout within a complex multi-host assemblage. <i>Ecology and Evolution</i> , 2017, 7, 8187-8200.	1.9	10
30	Socio-Ecological Mechanisms Supporting High Densities of <i>Aedes albopictus</i> (Diptera: Culicidae) in Baltimore, MD. <i>Journal of Medical Entomology</i> , 2017, 54, 1183-1192.	1.8	60
31	Defining the Risk of Zika and Chikungunya Virus Transmission in Human Population Centers of the Eastern United States. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005255.	3.0	54
32	Reframing communication about Zika and mosquitoes to increase disease prevention behavior. <i>Cogent Environmental Science</i> , 2017, 3, 1402498.	1.6	0
33	Effects of tire leachate on the invasive mosquito <i>Aedes albopictus</i> and the native congener <i>Aedes triseriatus</i> . <i>PeerJ</i> , 2017, 5, e3756.	2.0	22
34	The Emergence of Disease Ecology. <i>Japanese Journal of Zoo and Wildlife Medicine</i> , 2016, 21, 53-58.	0.2	0
35	Tick, mosquito, and rodent-borne parasite sampling designs for the National Ecological Observatory Network. <i>Ecosphere</i> , 2016, 7, e01271.	2.2	31
36	Design for mosquito abundance, diversity, and phenology sampling within the National Ecological Observatory Network. <i>Ecosphere</i> , 2016, 7, e01320.	2.2	18

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37	Studying citizen science through adaptive management and learning feedbacks as mechanisms for improving conservation. <i>Conservation Biology</i> , 2016, 30, 487-495.	4.7	44
38	Effectiveness of Print Education at Reducing Urban Mosquito Infestation through Improved Resident-Based Management. <i>PLoS ONE</i> , 2016, 11, e0155011.	2.5	25
39	The ecological foundations of transmission potential and vector-borne disease in urban landscapes. <i>Functional Ecology</i> , 2015, 29, 889-901.	3.6	144
40	Climate, environmental and socio-economic change: weighing up the balance in vector-borne disease transmission. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2015, 370, 20130551.	4.0	215
41	Spatial and Temporal Habitat Segregation of Mosquitoes in Urban Florida. <i>PLoS ONE</i> , 2014, 9, e91655.	2.5	66
42	A Tale of Two City Blocks: Differences in Immature and Adult Mosquito Abundances between Socioeconomically Different Urban Blocks in Baltimore (Maryland, USA). <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 3256-3270.	2.6	42
43	When is a parasite not a parasite? Effects of larval tick burdens on white-footed mouse survival. <i>Ecology</i> , 2014, 95, 1360-1369.	3.2	26
44	Linking Mosquito Infestation to Resident Socioeconomic Status, Knowledge, and Source Reduction Practices in Suburban Washington, DC. <i>EcoHealth</i> , 2013, 10, 36-47.	2.0	55
45	Climate change and species interactions: ways forward. <i>Annals of the New York Academy of Sciences</i> , 2013, 1297, 1-7.	3.8	44
46	Socioeconomic Status Affects Mosquito (Diptera: Culicidae) Larval Habitat Type Availability and Infestation Level. <i>Journal of Medical Entomology</i> , 2013, 50, 764-772.	1.8	57
47	Higher Mosquito Production in Low-Income Neighborhoods of Baltimore and Washington, DC: Understanding Ecological Drivers and Mosquito-Borne Disease Risk in Temperate Cities. <i>International Journal of Environmental Research and Public Health</i> , 2013, 10, 1505-1526.	2.6	108
48	Data-model fusion to better understand emerging pathogens and improve infectious disease forecasting. , 2011, 21, 1443-1460.		49
49	West Nile virus impacts in American crow populations are associated with human land use and climate. <i>Ecological Research</i> , 2011, 26, 909-916.	1.5	31
50	Range-wide effects of breeding- and nonbreeding-season climate on the abundance of a Neotropical migrant songbird. <i>Ecology</i> , 2011, 92, 1789-1798.	3.2	84
51	Ecological forecasting and data assimilation in a data-rich era. , 2011, 21, 1429-1442.		215
52	Advances in modeling highlight a tension between analytical accuracy and accessibility. <i>Ecology</i> , 2010, 91, 3488-3492.	3.2	13
53	Reassessment of plant carbon dynamics at the Duke free-air CO ₂ enrichment site: interactions of atmospheric [CO ₂] with nitrogen and water availability over stand development. <i>New Phytologist</i> , 2010, 185, 514-528.	7.3	242
54	Greater seed production in elevated CO ₂ is not accompanied by reduced seed quality in <i>Pinus taeda</i> L. <i>Global Change Biology</i> , 2010, 16, 1046-1056.	9.5	50

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55	High-dimensional coexistence based on individual variation: a synthesis of evidence. <i>Ecological Monographs</i> , 2010, 80, 569-608.	5.4	141
56	Communicating with the public: opportunities and rewards for individual ecologists. <i>Frontiers in Ecology and the Environment</i> , 2010, 8, 292-298.	4.0	58
57	West Nile Virus Revisited: Consequences for North American Ecology. <i>BioScience</i> , 2008, 58, 937-946.	4.9	42
58	EXPLOITING TEMPORAL VARIABILITY TO UNDERSTAND TREE RECRUITMENT RESPONSE TO CLIMATE CHANGE. <i>Ecological Monographs</i> , 2007, 77, 163-177.	5.4	120
59	ECOLOGY OF WEST NILE VIRUS TRANSMISSION AND ITS IMPACT ON BIRDS IN THE WESTERN HEMISPHERE. <i>Auk</i> , 2007, 124, 1121.	1.4	135
60	TREE GROWTH INFERENCE AND PREDICTION FROM DIAMETER CENSUSES AND RING WIDTHS. <i>Ecological Applications</i> , 2007, 17, 1942-1953.	3.8	78
61	Ecology of West Nile Virus Transmission and its Impact on Birds in the Western Hemisphere. <i>Auk</i> , 2007, 124, 1121-1136.	1.4	164
62	West Nile virus emergence and large-scale declines of North American bird populations. <i>Nature</i> , 2007, 447, 710-713.	27.8	413
63	Resolving the biodiversity paradox. <i>Ecology Letters</i> , 2007, 10, 647-659.	6.4	185
64	Elevated CO ₂ and tree fecundity: the role of tree size, interannual variability, and population heterogeneity. <i>Global Change Biology</i> , 2007, .	9.5	0
65	PREDICTING BIODIVERSITY CHANGE: OUTSIDE THE CLIMATE ENVELOPE, BEYOND THE SPECIES-AREA CURVE. <i>Ecology</i> , 2006, 87, 1896-1906.	3.2	160
66	Modeling Seed Dispersal Distances: Implications For Transgenic <i>Pinus taeda</i> . , 2006, 16, 117-124.		44
67	Pollen production by <i>Pinus taeda</i> growing in elevated atmospheric CO ₂ . <i>Functional Ecology</i> , 2006, 20, 541-547.	3.6	65
68	Elevated CO ₂ and tree fecundity: the role of tree size, interannual variability, and population heterogeneity. <i>Global Change Biology</i> , 2006, 12, 822-833.	9.5	51
69	FECUNDITY OF TREES AND THE COLONIZATION-COMPETITION HYPOTHESIS. <i>Ecological Monographs</i> , 2004, 74, 415-442.	5.4	152
70	Rising CO ₂ Levels and the Fecundity of Forest Trees. <i>Science</i> , 2001, 292, 95-98.	12.6	169