

Shannon L Ladeau

List of Publications by Year in descending order

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Version: 2024-02-01

70
papers

4,421
citations

117571

34
h-index

118793

62
g-index

75
all docs

75
docs citations

75
times ranked

6457
citing authors

#	ARTICLE	IF	CITATIONS
1	West Nile virus emergence and large-scale declines of North American bird populations. <i>Nature</i> , 2007, 447, 710-713.	13.7	413
2	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.	3.5	242
3	Ecological forecasting and data assimilation in a data-rich era. , 2011, 21, 1429-1442.		215
4	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.	1.8	215
5	Resolving the biodiversity paradox. <i>Ecology Letters</i> , 2007, 10, 647-659.	3.0	185
6	Rising CO ₂ Levels and the Fecundity of Forest Trees. <i>Science</i> , 2001, 292, 95-98.	6.0	169
7	Climate change, ecosystems and abrupt change: science priorities. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2020, 375, 20190105.	1.8	169
8	Ecology of West Nile Virus Transmission and its Impact on Birds in the Western Hemisphere. <i>Auk</i> , 2007, 124, 1121-1136.	0.7	164
9	PREDICTING BIODIVERSITY CHANGE: OUTSIDE THE CLIMATE ENVELOPE, BEYOND THE SPECIES-AREA CURVE. <i>Ecology</i> , 2006, 87, 1896-1906.	1.5	160
10	FECUNDITY OF TREES AND THE COLONIZATION-COMPETITION HYPOTHESIS. <i>Ecological Monographs</i> , 2004, 74, 415-442.	2.4	152
11	The ecological foundations of transmission potential and vector-borne disease in urban landscapes. <i>Functional Ecology</i> , 2015, 29, 889-901.	1.7	144
12	High-dimensional coexistence based on individual variation: a synthesis of evidence. <i>Ecological Monographs</i> , 2010, 80, 569-608.	2.4	141
13	Dynamic heterogeneity: a framework to promote ecological integration and hypothesis generation in urban systems. <i>Urban Ecosystems</i> , 2017, 20, 1-14.	1.1	140
14	ECOLOGY OF WEST NILE VIRUS TRANSMISSION AND ITS IMPACT ON BIRDS IN THE WESTERN HEMISPHERE. <i>Auk</i> , 2007, 124, 1121.	0.7	135
15	EXPLOITING TEMPORAL VARIABILITY TO UNDERSTAND TREE RECRUITMENT RESPONSE TO CLIMATE CHANGE. <i>Ecological Monographs</i> , 2007, 77, 163-177.	2.4	120
16	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.	1.2	108
17	Range-wide effects of breeding- and nonbreeding-season climate on the abundance of a Neotropical migrant songbird. <i>Ecology</i> , 2011, 92, 1789-1798.	1.5	84
18	TREE GROWTH INFERENCE AND PREDICTION FROM DIAMETER CENSUSES AND RING WIDTHS. <i>Ecological Applications</i> , 2007, 17, 1942-1953.	1.8	78

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19	The Next Decade of Big Data in Ecosystem Science. <i>Ecosystems</i> , 2017, 20, 274-283.	1.6	68
20	Spatial and Temporal Habitat Segregation of Mosquitoes in Urban Florida. <i>PLoS ONE</i> , 2014, 9, e91655.	1.1	66
21	Pollen production by <i>Pinus taeda</i> growing in elevated atmospheric CO ₂ . <i>Functional Ecology</i> , 2006, 20, 541-547.	1.7	65
22	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.	0.9	60
23	Communicating with the public: opportunities and rewards for individual ecologists. <i>Frontiers in Ecology and the Environment</i> , 2010, 8, 292-298.	1.9	58
24	Socioeconomic Status Affects Mosquito (Diptera: Culicidae) Larval Habitat Type Availability and Infestation Level. <i>Journal of Medical Entomology</i> , 2013, 50, 764-772.	0.9	57
25	The Role of Vector Trait Variation in Vector-Borne Disease Dynamics. <i>Frontiers in Ecology and Evolution</i> , 2020, 8, .	1.1	57
26	Linking Mosquito Infestation to Resident Socioeconomic Status, Knowledge, and Source Reduction Practices in Suburban Washington, DC. <i>EcoHealth</i> , 2013, 10, 36-47.	0.9	55
27	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.	1.0	55
28	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.	1.3	54
29	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.	4.2	51
30	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.	4.2	50
31	Data “model fusion to better understand emerging pathogens and improve infectious disease forecasting. , 2011, 21, 1443-1460.		49
32	Modeling Seed Dispersal Distances: Implications For Transgenic <i>Pinus Taeda</i> ., 2006, 16, 117-124.		44
33	Climate change and species interactions: ways forward. <i>Annals of the New York Academy of Sciences</i> , 2013, 1297, 1-7.	1.8	44
34	Studying citizen science through adaptive management and learning feedbacks as mechanisms for improving conservation. <i>Conservation Biology</i> , 2016, 30, 487-495.	2.4	44
35	West Nile Virus Revisited: Consequences for North American Ecology. <i>BioScience</i> , 2008, 58, 937-946.	2.2	42
36	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.	1.2	42

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37	Citizen Science as a Tool for Mosquito Control. <i>Journal of the American Mosquito Control Association</i> , 2017, 33, 241-245.	0.2	40
38	West Nile virus impacts in American crow populations are associated with human land use and climate. <i>Ecological Research</i> , 2011, 26, 909-916.	0.7	31
39	Tick, mosquito, and rodent-borne parasite sampling designs for the National Ecological Observatory Network. <i>Ecosphere</i> , 2016, 7, e01271.	1.0	31
40	When is a parasite not a parasite? Effects of larval tick burdens on white-footed mouse survival. <i>Ecology</i> , 2014, 95, 1360-1369.	1.5	26
41	Effectiveness of Print Education at Reducing Urban Mosquito Infestation through Improved Resident-Based Management. <i>PLoS ONE</i> , 2016, 11, e0155011.	1.1	25
42	Parasite and pathogen effects on ecosystem processes: A quantitative review. <i>Ecosphere</i> , 2020, 11, e03057.	1.0	22
43	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.	0.9	22
44	Reducing <i>Aedes albopictus</i> breeding sites through education: A study in urban area. <i>PLoS ONE</i> , 2018, 13, e0202451.	1.1	21
45	Theoretical Perspectives of the Baltimore Ecosystem Study: Conceptual Evolution in a Social Ecological Research Project. <i>BioScience</i> , 2020, 70, 297-314.	2.2	20
46	Design for mosquito abundance, diversity, and phenology sampling within the National Ecological Observatory Network. <i>Ecosphere</i> , 2016, 7, e01320.	1.0	18
47	Assessing Effectiveness of Recommended Residential Yard Management Measures Against Ticks. <i>Journal of Medical Entomology</i> , 2019, 56, 1420-1427.	0.9	14
48	Advances in modeling highlight a tension between analytical accuracy and accessibility. <i>Ecology</i> , 2010, 91, 3488-3492.	1.5	13
49	Reflecting on Efforts to Design an Inclusive Citizen Science Project in West Baltimore. <i>Citizen Science: Theory and Practice</i> , 2019, 4, .	0.6	13
50	Citizen science and civic ecology: merging paths to stewardship. <i>Journal of Environmental Studies and Sciences</i> , 2019, 9, 133-143.	0.9	12
51	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.	1.0	12
52	Infectious hematopoietic necrosis virus virological and genetic surveillance 2000-2012. <i>Ecology</i> , 2017, 98, 283-283.	1.5	11
53	Beyond the Mosquito People: The Challenges of Engaging Community for Environmental Justice in Infested Urban Spaces. , 2018, , 295-318.		11
54	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.	0.9	11

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55	Transmission routes maintaining a viral pathogen of steelhead trout within a complex multi-host assemblage. <i>Ecology and Evolution</i> , 2017, 7, 8187-8200.	0.8	10
56	<i>Aedes albopictus</i> Body Size Differs Across Neighborhoods With Varying Infrastructural Abandonment. <i>Journal of Medical Entomology</i> , 2020, 57, 615-619.	0.9	9
57	Effects of Detritus on the Mosquito <i>Culex pipiens</i> : <i>Phragmites</i> and <i>Schedonorus (Festuca)</i> Invasion Affect Population Performance. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4118.	1.2	7
58	Relationships Among Immature-Stage Metrics and Adult Abundances of Mosquito Populations in Baltimore, MD. <i>Journal of Medical Entomology</i> , 2019, 56, 192-198.	0.9	7
59	Using near-term forecasts and uncertainty partitioning to inform prediction of oligotrophic lake cyanobacterial density. <i>Ecological Applications</i> , 2022, 32, e2590.	1.8	6
60	An epidemiological model of virus transmission in salmonid fishes of the Columbia River Basin. <i>Ecological Modelling</i> , 2018, 377, 1-15.	1.2	5
61	Knowing nature and community through mosquitoes: reframing pest management through lay vector ecologies. <i>Local Environment</i> , 2019, 24, 1119-1135.	1.1	5
62	Infectious hematopoietic necrosis virus specialization in a multihost salmonid system. <i>Evolutionary Applications</i> , 2020, 13, 1841-1853.	1.5	5
63	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.	1.0	5
64	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.	0.9	4
65	Using a birdfeeder network to explore the effects of suburban design on invasive and native birds. <i>Avian Conservation and Ecology</i> , 2019, 14, .	0.3	3
66	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.	2.3	3
67	The Emergence of Disease Ecology. <i>Japanese Journal of Zoo and Wildlife Medicine</i> , 2016, 21, 53-58.	0.2	0
68	Reframing communication about Zika and mosquitoes to increase disease prevention behavior. <i>Cogent Environmental Science</i> , 2017, 3, 1402498.	1.6	0
69	Rodents harbouring zoonotic pathogens take advantage of abandoned land in post-Katrina New Orleans. <i>Molecular Ecology</i> , 2021, 30, 1943-1945.	2.0	0
70	Elevated CO ₂ and tree fecundity: the role of tree size, interannual variability, and population heterogeneity. <i>Global Change Biology</i> , 2007, .	4.2	0