

# Liette Vasseur

## List of Publications by Year in descending order

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Version: 2024-02-01

102  
papers

2,248  
citations

394421

19  
h-index

265206

42  
g-index

113  
all docs

113  
docs citations

113  
times ranked

2590  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gene flow, linked selection, and divergent sorting of ancient polymorphism shape genomic divergence landscape in a group of edaphic specialists. <i>Molecular Ecology</i> , 2022, 31, 104-118.	3.9	10
2	Do COVID-19 and Food Insecurity Influence Existing Inequalities between Women and Men in Africa?. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 2065.	2.6	8
3	Genetic analyses reveal regional structure and demographic expansion of the predominant tea pest <i>Empoasca onukii</i> (Hemiptera: Cicadellidae) in China. <i>Pest Management Science</i> , 2022, 78, 2838-2850.	3.4	6
4	Engaging Communities in Adaptation to Climate Change by Understanding the Dimensions of Social Capital in Atlantic Canada. <i>Sustainability</i> , 2022, 14, 5250.	3.2	6
5	Exploring Canadian Ramsar Sites Ecosystem Governance and Sustainability. <i>Wetlands</i> , 2021, 41, 1.	1.5	3
6	Visualizations as a tool to increase community engagement in climate change adaptation decision-making. <i>Facets</i> , 2021, 6, 240-251.	2.4	4
7	How Ecosystem-Based Adaptation to Climate Change Can Help Coastal Communities through a Participatory Approach. <i>Sustainability</i> , 2021, 13, 2344.	3.2	7
8	Ecosystem-Based Adaptation to Protect Avian Species in Coastal Communities in the Greater Niagara Region, Canada. <i>Climate</i> , 2021, 9, 91.	2.8	6
9	Evaluating and Visualizing Drivers of Coastline Change: A Lake Ontario Case Study. <i>ISPRS International Journal of Geo-Information</i> , 2021, 10, 375.	2.9	4
10	Haplotype-resolved genome assembly provides insights into evolutionary history of the tea plant <i>Camellia sinensis</i> . <i>Nature Genetics</i> , 2021, 53, 1250-1259.	21.4	157
11	Exploring community and key stakeholders' perception of scientific tourism as a strategy to achieve SDGs in the Ecuadorian Amazon. <i>Tourism Management Perspectives</i> , 2021, 39, 100830.	5.2	13
12	Irreproducibility in searches of scientific literature: A comparative analysis. <i>Ecology and Evolution</i> , 2021, 11, 14658-14668.	1.9	12
13	Are Yellow Sticky Cards and Light Traps Effective on Tea Green Leafhoppers and Their Predators in Chinese Tea Plantations?. <i>Insects</i> , 2021, 12, 14.	2.2	5
14	Enjeux d'Éducation aux changements climatiques auprès des communautés. <i>Éducation Relative À L'environnement</i> , 2021, , .	0.2	2
15	The Effects of Pandemics on the Vulnerability of Food Security in West Africa—A Scoping Review. <i>Sustainability</i> , 2021, 13, 12888.	3.2	6
16	Large-scale genome-wide study reveals climate adaptive variability in a cosmopolitan pest. <i>Nature Communications</i> , 2021, 12, 7206.	12.8	27
17	Structure and above ground biomass along an elevation small-scale gradient: case study in an Evergreen Andean Amazon forest, Ecuador. <i>Agroforestry Systems</i> , 2020, 94, 1235-1245.	2.0	15
18	Mechanism and consequences for avoidance of superparasitism in the solitary parasitoid <i>Cotesia vestalis</i> . <i>Scientific Reports</i> , 2020, 10, 11463.	3.3	12

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19	Resistance to <i>Bacillus thuringiensis</i> Cry1Ac toxin requires mutations in two <i>Plutella xylostella</i> ATP-binding cassette transporter paralogs. <i>PLoS Pathogens</i> , 2020, 16, e1008697.	4.7	49
20	Botany revises its scope. <i>Botany</i> , 2020, 98, iii-iii.	1.0	0
21	Differential Profiles of Gut Microbiota and Metabolites Associated with Host Shift of <i>Plutella xylostella</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 6283.	4.1	26
22	Variation among 532 genomes unveils the origin and evolutionary history of a global insect herbivore. <i>Nature Communications</i> , 2020, 11, 2321.	12.8	47
23	CRISPR/Cas9-induced vitellogenin knockout lead to incomplete embryonic development in <i>Plutella xylostella</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2020, 123, 103406.	2.7	14
24	Ecological Risk Assessment of Soil Heavy Metals and Pesticide Residues in Tea Plantations. <i>Agriculture (Switzerland)</i> , 2020, 10, 47.	3.1	21
25	Functions of duplicated glucosinolate sulfatases in the development and host adaptation of <i>Plutella xylostella</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2020, 119, 103316.	2.7	23
26	Impacts of Smooth Pigweed ( <i>Amaranthus hybridus</i> ) on Cover Crops in Southern Ontario. <i>Agronomy</i> , 2020, 10, 529.	3.0	4
27	An analysis of aquatic invasive species management in the Niagara region of Ontario, Canada: establishment of a database to improve knowledge sharing. <i>Management of Biological Invasions</i> , 2020, 11, 588-606.	1.2	1
28	Enjeux d'éducation aux changements climatiques auprès des communautés. <i>Éducation Relative à L'environnement</i> , 2020, , .	0.2	0
29	Selection of reference genes for expression analysis of plant-derived microRNAs in <i>Plutella xylostella</i> using qRT-PCR and ddPCR. <i>PLoS ONE</i> , 2019, 14, e0220475.	2.5	15
30	Herbivore range expansion triggers adaptation in a subsequently-associated third trophic level species and shared microbial symbionts. <i>Scientific Reports</i> , 2019, 9, 10314.	3.3	4
31	Implication for DNA methylation involved in the host transfer of diamondback moth, <i>Plutella xylostella</i> (L.). <i>Archives of Insect Biochemistry and Physiology</i> , 2019, 102, e21600.	1.5	3
32	Host Plant-Derived miRNAs Potentially Modulate the Development of a Cosmopolitan Insect Pest, <i>Plutella xylostella</i> . <i>Biomolecules</i> , 2019, 9, 602.	4.0	15
33	Identification of Halloween Genes and RNA Interference-Mediated Functional Characterization of a Halloween Gene shadow in <i>Plutella xylostella</i> . <i>Frontiers in Physiology</i> , 2019, 10, 1120.	2.8	35
34	Genome-wide profiling of the alternative splicing provides insights into development in <i>Plutella xylostella</i> . <i>BMC Genomics</i> , 2019, 20, 463.	2.8	12
35	Supporting respectful cross-cultural relationships for the sharing of traditional Indigenous ecological research with plant sciences: a new step for Botany. <i>Botany</i> , 2019, 97, 269-270.	1.0	0
36	Is It Time to Shift Our Environmental Thinking? A Perspective on Barriers and Opportunities to Change. <i>Sustainability</i> , 2019, 11, 5010.	3.2	17

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37	Biological control of an agricultural pest protects tropical forests. <i>Communications Biology</i> , 2019, 2, 10.	4.4	24
38	Global disparity in public awareness of the biological control potential of invertebrates. <i>Science of the Total Environment</i> , 2019, 660, 799-806.	8.0	20
39	CRISPR/Cas9-Mediated Vitellogenin Receptor Knockout Leads to Functional Deficiency in the Reproductive Development of <i>Plutella xylostella</i> . <i>Frontiers in Physiology</i> , 2019, 10, 1585.	2.8	18
40	Selecting and validating reference genes for quantitative real-time PCR in <i>Plutella xylostella</i> (L.). <i>Genome</i> , 2018, 61, 349-358.	2.0	10
41	Gene expression profiling provides insights into the immune mechanism of <i>Plutella xylostella</i> midgut to microbial infection. <i>Gene</i> , 2018, 647, 21-30.	2.2	22
42	Purification and biochemical characterization of a cyclodextrin glycosyltransferase from <i>Geobacillus thermoglucosidans</i> CHB1. <i>Starch/Staerke</i> , 2018, 70, 1700016.	2.1	9
43	Genome-wide investigation of transcription factors provides insights into transcriptional regulation in <i>Plutella xylostella</i> . <i>Molecular Genetics and Genomics</i> , 2018, 293, 435-449.	2.1	8
44	Gut Microbiota Mediate Insecticide Resistance in the Diamondback Moth, <i>Plutella xylostella</i> (L.). <i>Frontiers in Microbiology</i> , 2018, 9, 25.	3.5	141
45	Molecular Characterization and the Function of Argonaute3 in RNAi Pathway of <i>Plutella xylostella</i> . <i>International Journal of Molecular Sciences</i> , 2018, 19, 1249.	4.1	8
46	Adaptation to Coastal Storms in Atlantic Canada. <i>Springer Briefs in Geography</i> , 2018, , .	0.2	7
47	Background Research. <i>Springer Briefs in Geography</i> , 2018, , 17-27.	0.2	0
48	Coastal Communities in Atlantic Canada. <i>Springer Briefs in Geography</i> , 2018, , 7-15.	0.2	0
49	Implications and Lessons Learned. <i>Springer Briefs in Geography</i> , 2018, , 65-75.	0.2	0
50	Findings from Initial Interviews. <i>Springer Briefs in Geography</i> , 2018, , 41-54.	0.2	0
51	DINOFLAGELLATES IN LAKE GEORGE: FROM THE WATER COLUMN TO THE LAKEBED. , 2018, , .		0
52	Adaptation des communautés côtières aux effets des changements climatiques sous l'angle de la résilience: lier la gouvernance locale au développement durable. <i>Vertigo: La Revue Electronique En Sciences De L'environnement</i> , 2018, , .	0.1	1
53	Potential distribution of the invasive loblolly pine mealybug, <i>Oracella acuta</i> (Hemiptera: Tj ETQq1 1 0.784314 rgBT/Overlock 10 Tf 50 12	3.6	12
54	Transcriptome profiling of the <i>Plutella xylostella</i> (Lepidoptera: Plutellidae) ovary reveals genes involved in oogenesis. <i>Gene</i> , 2017, 637, 90-99.	2.2	18

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55	Functional characterization of Pol III U6 promoters for gene knockdown and knockout in <i>Plutella xylostella</i> . <i>Insect Biochemistry and Molecular Biology</i> , 2017, 89, 71-78.	2.7	29
56	Parasitised caterpillars suffer reduced predation: potential implications for intra-guild predation. <i>Scientific Reports</i> , 2017, 7, 42636.	3.3	3
57	Complex problems and unchallenged solutions: Bringing ecosystem governance to the forefront of the UN sustainable development goals. <i>Ambio</i> , 2017, 46, 731-742.	5.5	49
58	Climatic and Environmental Changes Affecting Communities in Atlantic Canada. <i>Sustainability</i> , 2017, 9, 1293.	3.2	12
59	Metagenomic Sequencing of Diamondback Moth Gut Microbiome Unveils Key Holobiont Adaptations for Herbivory. <i>Frontiers in Microbiology</i> , 2017, 8, 663.	3.5	134
60	Adult Tea Green Leafhoppers, <i>Empoasca onukii</i> (Matsuda), Change Behaviors under Varying Light Conditions. <i>PLoS ONE</i> , 2017, 12, e0168439.	2.5	15
61	De novo transcriptome sequencing of <i>Isaria cateniannulata</i> and comparative analysis of gene expression in response to heat and cold stresses. <i>PLoS ONE</i> , 2017, 12, e0186040.	2.5	12
62	Segmental duplications: evolution and impact among the current Lepidoptera genomes. <i>BMC Evolutionary Biology</i> , 2017, 17, 161.	3.2	13
63	Ecosystem Perceptions in Flood Prone Areas: A Typology and Its Relationship to Preferences for Governance. <i>Water (Switzerland)</i> , 2016, 8, 191.	2.7	10
64	Contemporary Water Governance: Navigating Crisis Response and Institutional Constraints through Pragmatism. <i>Water (Switzerland)</i> , 2016, 8, 224.	2.7	9
65	Linking time budgets to habitat quality suggests that beavers ( <i>Castor canadensis</i> ) are energy maximizers. <i>Canadian Journal of Zoology</i> , 2016, 94, 671-676.	1.0	13
66	Characterization and expression profiling of ATP-binding cassette transporter genes in the diamondback moth, <i>Plutella xylostella</i> (L.). <i>BMC Genomics</i> , 2016, 17, 760.	2.8	40
67	Electroantennogram and behavioral responses of <i>Cotesia plutellae</i> to plant volatiles. <i>Insect Science</i> , 2016, 23, 245-252.	3.0	21
68	Facing Climate Change Through Sustainable Agriculture: Can Results from China Be Transferred to Africa?. , 2016, , 167-183.		0
69	Avoidance, escape and microstructural adaptations of the tea green leafhopper to water droplets. <i>Scientific Reports</i> , 2016, 6, 37026.	3.3	7
70	Seasonal Variability in Spider Assemblages in Traditional and Transgenic Rice Fields. <i>Environmental Entomology</i> , 2016, 45, 537-546.	1.4	3
71	Diamondback Moth (Lepidoptera: Plutellidae) Exhibits Oviposition and Larval Feeding Preferences Among Crops, Wild plants, and Ornamentals as Host Plants. <i>Journal of Economic Entomology</i> , 2016, 109, 644-648.	1.8	6
72	Genetic differentiation of the regional <i>Plutella xylostella</i> populations across the Taiwan Strait based on identification of microsatellite markers. <i>Ecology and Evolution</i> , 2015, 5, 5880-5891.	1.9	3

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73	A Comparison of the Temperature Regime of Short Stream Segments under Forested and Non-Forested Riparian Zones at Eleven Sites Across North America. <i>River Research and Applications</i> , 2015, 31, 964-974.	1.7	13
74	Genome-wide identification and expression profiling of serine proteases and homologs in the diamondback moth, <i>Plutella xylostella</i> (L.). <i>BMC Genomics</i> , 2015, 16, 1054.	2.8	37
75	Gender-Based Experiences and Perceptions after the 2010 Winter Storms in Atlantic Canada. <i>International Journal of Environmental Research and Public Health</i> , 2015, 12, 12518-12529.	2.6	18
76	Making the Link. , 2015, , 27.		0
77	Making the Link. , 2015, , 51.		0
78	Making the Link. , 2015, , 97-98.		0
79	Making the Link. , 2015, , 123.		0
80	Making the Link. , 2015, , 161.		0
81	Making the Link. , 2015, , 139.		0
82	Making the Link. , 2015, , 183.		0
83	Making the Link. , 2015, , 273.		0
84	Making the Link. , 2015, , 305.		0
85	Making the Link. , 2015, , 287-288.		0
86	Making the Link. , 2015, , 317.		0
87	Generation-based life table analysis reveals manifold effects of inbreeding on the population fitness in <i>Plutella xylostella</i> . <i>Scientific Reports</i> , 2015, 5, 12749.	3.3	11
88	Identification of <i>Empoasca onukii</i> (Hemiptera: Cicadellidae) and Monitoring of its Populations in the Tea Plantations of South China. <i>Journal of Economic Entomology</i> , 2015, 108, 1025-1033.	1.8	17
89	Characterization and expression of the cytochrome P450 gene family in diamondback moth, <i>Plutella xylostella</i> (L.). <i>Scientific Reports</i> , 2015, 5, 8952.	3.3	77
90	Characterization and expression profiling of glutathione S-transferases in the diamondback moth, <i>Plutella xylostella</i> (L.). <i>BMC Genomics</i> , 2015, 16, 152.	2.8	74

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91	Genome-wide characterization and expression profiling of immune genes in the diamondback moth, <i>Plutella xylostella</i> (L.). <i>Scientific Reports</i> , 2015, 5, 9877.	3.3	69
92	Isolation, identification and cyfluthrin-degrading potential of a novel <i>Lysinibacillus sphaericus</i> strain, FLQ-11-1. <i>Research in Microbiology</i> , 2014, 165, 110-118.	2.1	37
93	A heterozygous moth genome provides insights into herbivory and detoxification. <i>Nature Genetics</i> , 2013, 45, 220-225.	21.4	472
94	A review of the mealybug <i>Oracella acuta</i> : Invasion and management in China and potential incursions into other countries. <i>Forest Ecology and Management</i> , 2013, 305, 96-102.	3.2	4
95	Developmental and insecticide-resistant insights from the de novo assembled transcriptome of the diamondback moth, <i>Plutella xylostella</i> . <i>Genomics</i> , 2012, 99, 169-177.	2.9	75
96	Polycultural manipulation for better regulation of planthopper populations in irrigated rice-based ecosystems. <i>Crop Protection</i> , 2012, 34, 104-111.	2.1	19
97	Higher taxa as surrogates of species richness of spiders in insect-resistant transgenic rice. <i>Insect Science</i> , 2012, 19, 419-425.	3.0	7
98	Response of Green Peach Aphids and Other Arthropods to Garlic Intercropped with Tobacco. <i>Agronomy Journal</i> , 2011, 103, 856-863.	1.8	27
99	Moving from Research into Action on Issues of Climate Change for a Canadian Community: Integration of Sciences into Decision Making. <i>International Journal of Climate Change: Impacts and Responses</i> , 2011, 2, 115-126.	0.3	4
100	A basic theoretical framework for community-based conservation management in China and Vietnam. <i>International Journal of Sustainable Development and World Ecology</i> , 2002, 9, 41-47.	5.9	3
101	Ecosystem Health and Human Health. , 2002, , 167-188.		2
102	Ecosystem Health and Human Health. , 2002, , 189-219.		1