Leena LindstrÃ¶m

List of Publications by Year
in descending order

71 papers	3,876 citations	117625 34 h-index	128289 60 g-index
72 all docs	72 docs citations	72 times ranked	2608 citing authors

#	Article	IF	Citations
1	Repeated exposure of fluazinam fungicides affects gene expression profiles yet carries no costs on a nontarget pest. Insect Science, 2022, 29, 1373-1386.	3.0	2
2	Evolutionary considerations in potato pest management. , 2022, , 429-450.		2
3	Sequence variation and regulatory variation in acetylcholinesterase genes contribute to insecticide resistance in different populations of Leptinotarsa decemlineata. Ecology and Evolution, 2021, 11, 15995-16005.	1.9	7
4	The Diapause Lipidomes of Three Closely Related Beetle Species Reveal Mechanisms for Tolerating Energetic and Cold Stress in High-Latitude Seasonal Environments. Frontiers in Physiology, 2020, 11, 576617.	2.8	30
5	Glyphosate-based herbicide has soil-mediated effects on potato glycoalkaloids and oxidative status of a potato pest. Chemosphere, 2020, 258, 127254.	8.2	13
6	Prolonged diapause has sex-specific fertility and fitness costs. Evolutionary Ecology, 2020, 34, 41-57.	1.2	29
7	Sublethal Pyrethroid Insecticide Exposure Carries Positive Fitness Effects Over Generations in a Pest Insect. Scientific Reports, 2019, 9, 11320.	3.3	44
8	Responses of a native plant species from invaded and uninvaded areas to allelopathic effects of an invader. Ecology and Evolution, 2019, 9, 6116-6123.	1.9	11
9	Can Indirect Herbicide Exposure Modify the Response of the Colorado Potato Beetle to an Organophosphate Insecticide?. Journal of Economic Entomology, 2019, 112, 2316-2323.	1.8	5
10	Invasion triple trouble: environmental fluctuations, fluctuation-adapted invaders and fluctuation-mal-adapted communities all govern invasion success. BMC Evolutionary Biology, 2019, 19, 42.	3.2	11
11	Effects of a glyphosate-based herbicide on survival and oxidative status of a non-target herbivore, the Colorado potato beetle (Leptinotarsa decemlineata). Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology, 2019, 215, 47-55.	2.6	11
12	Adaptation to fluctuations in temperature by nine species of bacteria. Ecology and Evolution, 2018, 8, 2901-2910.	1.9	39
13	Transgenerational effects of insecticides â€" implications for rapid pest evolution in agroecosystems. Current Opinion in Insect Science, 2018, 26, 34-40.	4.4	63
14	Propagule pressure increase and phylogenetic diversity decrease communityâ€™s susceptibility to invasion. BMC Ecology, 2017, 17, 15.	3.0	30
15	Inheritance patterns of photoperiodic diapause induction in Leptinotarsa decemlineata. Physiological Entomology, 2016, 41, 218-223.	1.5	26
16	Evolutionary constraints of warning signals: A genetic trade-off between the efficacy of larval and adult warning coloration can maintain variation in signal expression. Evolution; International Journal of Organic Evolution, 2016, 70, 2562-2572.	2.3	25
17	Preconditioning of the generalist herbivore <scp>T</scp>rialeurodes vaporariorum to greenhouse monocultures and its subsequent performance on wild polycultures. Entomologia Experimentalis Et Applicata, 2016, 159, 1-16.	1.4	2
18	Is a change in juvenile hormone sensitivity involved in range expansion in an invasive beetle?. Frontiers in Zoology, 2015, 12, 20.	2.0	2

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19	Latitudinal differences in diapause related photoperiodic responses of European Colorado potato beetles (Leptinotarsa decemlineata). Evolutionary Ecology, 2015, 29, 269-282.	1.2	60
20	Comparative Ecophysiology of Cold-Tolerance-Related Traits: Assessing Range Expansion Potential for an Invasive Insect at High Latitude. Physiological and Biochemical Zoology, 2015, 88, 254-265.	1.5	23
21	Responses in metabolic rate to changes in temperature in diapausing <scp>C</scp>olorado potato beetle <scp>L</scp>eptinotarsa decemlineata from three <scp>E</scp>uropean populations. Physiological Entomology, 2015, 40, 123-130.	1.5	37
22	Sequencing, De Novo Assembly and Annotation of the Colorado Potato Beetle, Leptinotarsa decemlineata, Transcriptome. PLoS ONE, 2014, 9, e86012.	2.5	60
23	Seasonal changes in predator community switch the direction of selection for prey defences. Nature Communications, 2014, 5, 5016.	12.8	108
24	Variation in mortality among populations is higher for pymetrozine than for imidacloprid and spiromesifen in Trialeurodes vaporariorum in greenhouses in Finland. Pest Management Science, 2014, 70, 1524-1530.	3.4	8
25	Photoperiodic effects on diapauseâ€associated gene expression trajectories in <scp>E</scp>uropean <scp>L</scp>eptinotarsa decemlineata populations. Insect Molecular Biology, 2014, 23, 566-578.	2.0	42
26	Sublethal effects of deltamethrin exposure of parental generations on physiological traits and overwintering in <scp>L</scp>eptinotarsa decemlineata. Journal of Applied Entomology, 2014, 138, 149-158.	1.8	23
27	Agroecosystems shape population genetic structure of the greenhouse whitefly in Northern and Southern Europe. BMC Evolutionary Biology, 2014, 14, 165.	3.2	13
28	Northward range expansion requires synchronization of both overwintering behaviour and physiology with photoperiod in the invasive Colorado potato beetle (Leptinotarsa decemlineata). Oecologia, 2014, 176, 57-68.	2.0	53
29	Evolutionary Considerations in Potato Pest Management. , 2013, , 543-571.		16
30	Stress for invasion success? Temperature stress of preceding generations modifies the response to insecticide stress in an invasive pest insect. Evolutionary Applications, 2013, 6, 313-323.	3.1	22
31	Pre-invasion history and demography shape the genetic variation in the insecticide resistance-related acetylcholinesterase 2 gene in the invasive Colorado potato beetle. BMC Evolutionary Biology, 2013, 13, 13.	3.2	38
32	Conceptual Frameworks and Methods for Advancing Invasion Ecology. Ambio, 2013, 42, 527-540.	5.5	62
33	Variation in Hsp70 Levels after Cold Shock: Signs of Evolutionary Responses to Thermal Selection among Leptinotarsa decemlineata Populations. PLoS ONE, 2012, 7, e31446.	2.5	35
34	How Did the Cuckoo Get Its Polymorphic Plumage?. Science, 2012, 337, 532-533.	12.6	10
35	Population dependent effects of photoperiod on diapause related physiological traits in an invasive beetle (Leptinotarsa decemlineata). Journal of Insect Physiology, 2012, 58, 1146-1158.	2.0	32
36	Energy use, diapause behaviour and northern range expansion potential in the invasive Colorado potato beetle. Functional Ecology, 2011, 25, 527-536.	3.6	70

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37	Resting metabolic rate can vary with age independently from body mass changes in the Colorado potato beetle, Leptinotarsa decemlineata. Journal of Insect Physiology, 2010, 56, 277-282.	2.0	17
38	PERSPECTIVE: Underutilized resources for studying the evolution of invasive species during their introduction, establishment, and lag phases. Evolutionary Applications, 2010, 3, 203-219.	3.1	56
39	DIET QUALITY AFFECTS WARNING COLORATION INDIRECTLY: EXCRETION COSTS IN A GENERALIST HERBIVORE. Evolution; International Journal of Organic Evolution, 2010, 64, 68-78.	2.3	64
40	Characterizing the pigment composition of a variable warning signal of Parasemia plantaginis larvae. Functional Ecology, 2010, 24, 759-766.	3.6	25
41	THERMOREGULATION CONSTRAINS EFFECTIVE WARNING SIGNAL EXPRESSION. Evolution; International Journal of Organic Evolution, 2009, 63, 469-478.	2.3	98
42	Cold tolerance during larval development: effects on the thermal distribution limits ofLeptinotarsa decemlineata. Entomologia Experimentalis Et Applicata, 2009, 133, 92-99.	1.4	20
43	Quantitative genetic approach for assessing invasiveness: geographic and genetic variation in life-history traits. Biological Invasions, 2008, 10, 1135-1145.	2.4	39
44	Butterfly effects in mimicry? Combining signal and taste can twist the relationship of MÃ¼llerian co-mimics. Behavioral Ecology and Sociobiology, 2008, 62, 1267-1276.	1.4	21
45	Genetic variation in growth and development time under two selection regimes inLeptinotarsa decemlineata. Entomologia Experimentalis Et Applicata, 2008, 127, 157-167.	1.4	20
46	Hairiness and warning colours as components of antipredator defence: additive or interactive benefits?. Animal Behaviour, 2008, 75, 1703-1713.	1.9	61
47	Can experienced birds select for MÃ¼llerian mimicry?. Behavioral Ecology, 2008, 19, 362-368.	2.2	29
48	Co-mimics have a mutualistic relationship despite unequal defences. Nature, 2007, 448, 64-67.	27.8	137
49	Investigating MÃ¼llerian mimicry: predator learning and variation in prey defences. Journal of Evolutionary Biology, 2007, 20, 780-791.	1.7	60
50	Lifeâ€history constraints and warning signal expression in an arctiid moth. Functional Ecology, 2007, 21, 1162-1167.	3.6	51
51	Variability in host plant chemistry: behavioural responses and life-history parameters of the Colorado potato beetle (Leptinotarsa decemlineata). Chemoecology, 2007, 17, 51-56.	1.1	15
52	Negatively condition dependent predation cost of a positively condition dependent sexual signalling. Journal of Evolutionary Biology, 2006, 19, 649-656.	1.7	34
53	Does colour matter? The importance of colour in avoidance learning, memorability and generalisation. Behavioral Ecology and Sociobiology, 2006, 60, 482-491.	1.4	99
54	Relative importance of taste and visual appearance for predator education in MÃ¼llerian mimicry. Animal Behaviour, 2006, 72, 323-333.	1.9	43

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55	The voyage of an invasive species across continents: genetic diversity of North American and European Colorado potato beetle populations. Molecular Ecology, 2005, 14, 4207-4219.	3.9	221
56	Does predation maintain eyespot plasticity in Bicyclus anynana ?. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 279-283.	2.6	188
57	The importance of pattern similarity between MÃ¼llerian mimics in predator avoidance learning. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 407-413.	2.6	89
58	THE EFFECT OF ALTERNATIVE PREY ON THE DYNAMICS OF IMPERFECT BATESIAN AND MÃœLLERIAN MIMICRIES. Evolution; International Journal of Organic Evolution, 2004, 58, 1294.	2.3	6
59	THE EFFECT OF ALTERNATIVE PREY ON THE DYNAMICS OF IMPERFECT BATESIAN AND MÃœLLERIAN MIMICRIES. Evolution; International Journal of Organic Evolution, 2004, 58, 1294-1302.	2.3	77
60	Ultraviolet reflection and predation risk in diurnal and nocturnal Lepidoptera. Behavioral Ecology, 2004, 15, 982-987.	2.2	42
61	Alternative prey can change model-mimic dynamics between parasitism and mutualism. Ecology Letters, 2003, 6, 1068-1076.	6.4	94
62	Predator experience on cryptic prey affects the survival of conspicuous aposematic prey. Proceedings of the Royal Society B: Biological Sciences, 2001, 268, 357-361.	2.6	100
63	Can ultraviolet cues function as aposematic signals?. Behavioral Ecology, 2001, 12, 65-70.	2.2	45
64	Multiple benefits of gregariousness cover detectability costs in aposematic aggregations. Nature, 2001, 413, 512-514.	27.8	209
65	Strong antiapostatic selection against novel rare aposematic prey. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 9181-9184.	7.1	166
66	Pyrazine odour makes visually conspicuous prey aversive. Proceedings of the Royal Society B: Biological Sciences, 2001, 268, 159-162.	2.6	93
67	Reactions of hand-reared and wild-caught predators toward warningly colored, gregarious, and conspicuous prey. Behavioral Ecology, 1999, 10, 317-322.	2.2	139
68	Can aposematic signals evolve by gradual change?. Nature, 1999, 397, 249-251.	27.8	188
69	Experimental Approaches to Studying the Initial Evolution of Conspicuous Aposematic Signalling. Evolutionary Ecology, 1999, 13, 605-618.	1.2	62
70	Are European White Butterflies Aposematic?. Evolutionary Ecology, 1999, 13, 709.	1.2	24
71	Imperfect Batesian mimicryâ€"the effects of the frequency and the distastefulness of the model. Proceedings of the Royal Society B: Biological Sciences, 1997, 264, 149-153.	2.6	180