Anne Lyytinen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3008581/publications.pdf

Version: 2024-02-01

29 papers	1,795 citations	331670 21 h-index	477307 29 g-index
29 all docs	29 docs citations	29 times ranked	1422 citing authors

#	Article	IF	Citations
1	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
2	Does predation maintain eyespot plasticity in Bicyclus anynana ?. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 279-283.	2.6	188
3	Selection for cryptic coloration in a visually heterogeneous habitat. Proceedings of the Royal Society B: Biological Sciences, 2001, 268, 1925-1929.	2.6	171
4	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
5	Significance of butterfly eyespots as an anti-predator device in ground-based and aerial attacks. Oikos, 2003, 100, 373-379.	2.7	101
6	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
7	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
8	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
9	Energy use, diapause behaviour and northern range expansion potential in the invasive Colorado potato beetle. Functional Ecology, 2011, 25, 527-536.	3.6	70
10	Latitudinal differences in diapause related photoperiodic responses of European Colorado potato beetles (Leptinotarsa decemlineata). Evolutionary Ecology, 2015, 29, 269-282.	1.2	60
11	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
12	Can ultraviolet cues function as aposematic signals?. Behavioral Ecology, 2001, 12, 65-70.	2.2	45
13	Relative importance of taste and visual appearance for predator education in MÃ¼llerian mimicry. Animal Behaviour, 2006, 72, 323-333.	1.9	43
14	Ultraviolet reflection and predation risk in diurnal and nocturnal Lepidoptera. Behavioral Ecology, 2004, 15, 982-987.	2.2	42
15	Quantitative genetic approach for assessing invasiveness: geographic and genetic variation in life-history traits. Biological Invasions, 2008, 10, 1135-1145.	2.4	39
16	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
17	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
18	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

#	Article	IF	Citations
19	Negatively condition dependent predation cost of a positively condition dependent sexual signalling. Journal of Evolutionary Biology, 2006, 19, 649-656.	1.7	34
20	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
21	Are European White Butterflies Aposematic?. Evolutionary Ecology, 1999, 13, 709.	1.2	24
22	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
23	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
24	Genetic variation in growth and development time under two selection regimes inLeptinotarsa decemlineata. Entomologia Experimentalis Et Applicata, 2008, 127, 157-167.	1.4	20
25	Cold tolerance during larval development: effects on the thermal distribution limits ofLeptinotarsa decemlineata. Entomologia Experimentalis Et Applicata, 2009, 133, 92-99.	1.4	20
26	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
27	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
28	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
29	Is a change in juvenile hormone sensitivity involved in range expansion in an invasive beetle?. Frontiers in Zoology, 2015, 12, 20.	2.0	2