

Hazel R Parry

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,627
citations

361413

20
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330143

37
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42
all docs

42
docs citations

42
times ranked

2347
citing authors

#	ARTICLE	IF	CITATIONS
1	Inconsistent responses of conservation biocontrol to landscape structure: new insights from a network-based review. <i>Ecological Applications</i> , 2022, 32, e02456.	3.8	5
2	Combined effects of temperature and population density of <i>Myzus persicae</i> (Hemiptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.4	2
3	Is what you see what you get? The relationship between field observed and laboratory observed aphid parasitism rates in canola fields. <i>Pest Management Science</i> , 2022, 78, 3596-3607.	3.4	3
4	Landscape factors and how they influence whitefly pests in cassava fields across East Africa. <i>Landscape Ecology</i> , 2021, 36, 45-67.	4.2	18
5	Pesticide Toxicity Hazard of Agriculture: Regional and Commodity Hotspots in Australia. <i>Environmental Science & Technology</i> , 2021, 55, 1290-1300.	10.0	17
6	Simulating seasonal drivers of aphid dynamics to explore agronomic scenarios. <i>Ecosphere</i> , 2021, 12, e03533.	2.2	3
7	Simulating an invasion: unsealed water storage (rainwater tanks) and urban block design facilitate the spread of the dengue fever mosquito, <i>Aedes aegypti</i> , in Brisbane, Australia. <i>Biological Invasions</i> , 2021, 23, 3891-3906.	2.4	6
8	Forecasting impacts of biological control under future climates: mechanistic modelling of an aphid pest and a parasitic wasp. <i>Ecological Modelling</i> , 2021, 457, 109679.	2.5	3
9	Improving climate suitability for <i>Bemisia tabaci</i> in East Africa is correlated with increased prevalence of whiteflies and cassava diseases. <i>Scientific Reports</i> , 2020, 10, 22049.	3.3	28
10	Evaluation of cultural control and resistance-breeding strategies for suppression of whitefly infestation of cassava at the landscape scale: a simulation modeling approach. <i>Pest Management Science</i> , 2020, 76, 2699-2710.	3.4	11
11	Resource landscapes and movement strategy shape Queensland Fruit Fly population dynamics. <i>Landscape Ecology</i> , 2019, 34, 2807-2822.	4.2	11
12	A native with a taste for the exotic: weeds and pasture provide year-round habitat for <i>Nysius vinitor</i> (Hemiptera: Orsillidae) across Australia, with implications for area-wide management. <i>Austral Entomology</i> , 2019, 58, 237-247.	1.4	8
13	Movement Ecology of Pest <i>Helicoverpa</i> : Implications for Ongoing Spread. <i>Annual Review of Entomology</i> , 2019, 64, 277-295.	11.8	64
14	Predicting monarch butterfly (<i>Danaus plexippus</i>) movement and egg-laying with a spatially-explicit agent-based model: The role of monarch perceptual range and spatial memory. <i>Ecological Modelling</i> , 2018, 374, 37-50.	2.5	89
15	Monarchs in decline: a collateral landscape-level effect of modern agriculture. <i>Insect Science</i> , 2018, 25, 528-541.	3.0	107
16	African cassava whitefly, <i>Bemisia tabaci</i> , cassava colonization preferences and control implications. <i>PLoS ONE</i> , 2018, 13, e0204862.	2.5	25
17	Environmental drivers of spatiotemporal foraging intensity in fruit bats and implications for Hendra virus ecology. <i>Scientific Reports</i> , 2018, 8, 9555.	3.3	33
18	Crop pests and predators exhibit inconsistent responses to surrounding landscape composition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E7863-E7870.	7.1	401

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19	Environmental and biological drivers of flight initiation in a sporadic pest, Rutherglen bug, <i>Nysius vinitor</i> Bergroth (Hemiptera: Orsillidae). <i>Austral Entomology</i> , 2017, 56, 225-234.	1.4	5
20	Simulating spatially-explicit crop dynamics of agricultural landscapes: The ATLAS simulator. <i>Ecological Informatics</i> , 2017, 40, 62-80.	5.2	15
21	Estimating the landscape distribution of eggs by <i>Helicoverpa</i> spp., with implications for Bt resistance management. <i>Ecological Modelling</i> , 2017, 365, 129-140.	2.5	14
22	A perspective on management of <i>Helicoverpa armigera</i> : transgenic Bt cotton, IPM, and landscapes. <i>Pest Management Science</i> , 2017, 73, 485-492.	3.4	97
23	Pigeon pea refuge crops are likely to provide patchy delivery of <i>Helicoverpa</i> (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 439-448.	1.4	9
24	Temporal change in vegetation productivity in grain production landscapes: linking landscape complexity with pest and natural enemy communities. <i>Ecological Entomology</i> , 2015, 40, 56-69.	2.2	22
25	Optimal fly-flight foraging in a finite landscape. <i>Journal of the Royal Society Interface</i> , 2015, 12, 20141158.	3.4	35
26	Plant composition modulates arthropod pest and predator abundance: Evidence for culling exotics and planting natives. <i>Basic and Applied Ecology</i> , 2015, 16, 531-543.	2.7	33
27	Early-season movement dynamics of phytophagous pest and natural enemies across a native vegetation-crop ecotone. <i>Agriculture, Ecosystems and Environment</i> , 2015, 200, 110-118.	5.3	53
28	Connecting scales: Achieving in-field pest control from areawide and landscape ecology studies. <i>Insect Science</i> , 2015, 22, 35-51.	3.0	58
29	The Challenges of Developing Spatially Explicit Network Models for the Management of Disease Vectors in Ecological Systems. <i>Lecture Notes in Computer Science</i> , 2014, , 159-161.	1.3	1
30	A Bayesian sensitivity analysis applied to an Agent-based model of bird population response to landscape change. <i>Environmental Modelling and Software</i> , 2013, 45, 104-115.	4.5	43
31	Cereal aphid movement: general principles and simulation modelling. <i>Movement Ecology</i> , 2013, 1, 14.	2.8	61
32	The geographical distribution of Yellow dwarf viruses and their aphid vectors in Australian grasslands and wheat. <i>Australasian Plant Pathology</i> , 2012, 41, 375-387.	1.0	31
33	Large Scale Agent-Based Modelling: A Review and Guidelines for Model Scaling. , 2012, , 271-308.		40
34	Agent Based Modeling, Large Scale Simulations. , 2012, , 76-87.		1
35	Regional variation in the efficacy of Entry Level Stewardship in England. <i>Agriculture, Ecosystems and Environment</i> , 2010, 139, 121-128.	5.3	30
36	Agricultural land use and Skylark <i>Alauda arvensis</i> : a case study linking a habitat association model to spatially explicit change scenarios. <i>Ibis</i> , 2010, 152, 63-76.	1.9	13

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37	Assessing the impact of Entry Level Stewardship on lowland farmland birds in England. <i>Ibis</i> , 2010, 152, 459-474.	1.9	97
38	Agent Based Modeling, Large Scale Simulations. , 2009, , 148-160.		4
39	A comparative analysis of parallel processing and super-individual methods for improving the computational performance of a large individual-based model. <i>Ecological Modelling</i> , 2008, 214, 141-152.	2.5	35
40	Aphid population response to agricultural landscape change: A spatially explicit, individual-based model. <i>Ecological Modelling</i> , 2006, 199, 451-463.	2.5	57
41	Chapter 1. Impacts of Agricultural Change on Farmland Biodiversity in the UK. <i>Issues in Environmental Science and Technology</i> , 0, , 1-32.	0.4	24
42	Practical guidelines for modelling post-entry spread in invasion ecology. <i>NeoBiota</i> , 0, 18, 41-66.	1.0	15