Robbie D Girling

List of Publications by Year
in descending order

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32 papers	832 citations	471509 17 h-index	501196 28 g-index
32 all docs	32 docs citations	32 times ranked	955 citing authors

#	Article	IF	Citations
1	Productivity, biodiversity trade-offs, and farm income in an agroforestry versus an arable system. Ecological Economics, 2022, 191, 107214.	5.7	15
2	Repeated short-term exposure to diesel exhaust reduces honey bee colony fitness. Environmental Pollution, 2022, 300, 118934.	7.5	2
3	Anthropogenic air pollutants reduce insect-mediated pollination services. Environmental Pollution, 2022, 297, 118847.	7.5	41
4	Ozone Mitigates the Adverse Effects of Diesel Exhaust Pollutants on Ground-Active Invertebrates in Wheat. Frontiers in Ecology and Evolution, 2022, 10, .	2.2	4
5	Niche complementarity drives increases in pollinator functional diversity in diversified agroforestry systems. Agriculture, Ecosystems and Environment, 2022, 336, 108035.	5.3	8
6	Rural livelihood diversity and its influence on the ecological intensification potential of smallholder farms in Kenya. Food and Energy Security, 2021, 10, e254.	4.3	15
7	Evaluating a traitâ€based approach to compare natural enemy and pest communities in agroforestry vs. arable systems. Ecological Applications, 2021, 31, e02294.	3.8	20
8	Management to Promote Flowering Understoreys Benefits Natural Enemy Diversity, Aphid Suppression and Income in an Agroforestry System. Agronomy, 2021, 11, 651.	3.0	10
9	Identifying the drivers and constraints to adoption of <scp>IPM</scp> among arable farmers in the <scp>UK</scp> and <scp>Ireland</scp>. Pest Management Science, 2021, 77, 4148-4158.	3.4	19
10	Evaluating the effects of integrating trees into temperate arable systems on pest control and pollination. Agricultural Systems, 2019, 176, 102676.	6.1	25
11	A review of the factors that influence pesticide residues in pollen and nectar: Future research requirements for optimising the estimation of pollinator exposure. Environmental Pollution, 2019, 249, 236-247.	7.5	64
12	Acute exposure to diesel exhaust induces central nervous system stress and altered learning and memory in honey bees. Scientific Reports, 2019, 9, 5793.	3.3	32
13	Measuring the unmeasurable? A method to quantify adoption of integrated pest management practices in temperate arable farming systems. Pest Management Science, 2019, 75, 3144-3152.	3.4	22
14	Weed Suppression and Tolerance in Winter Oats. Weed Technology, 2017, 31, 740-751.	0.9	10
15	The Effects of Diesel Exhaust Pollution on Floral Volatiles and the Consequences for Honey Bee Olfaction. Journal of Chemical Ecology, 2015, 41, 904-912.	1.8	68
16	Olfactory selection of Plantago lanceolata by snails declines with seedling age. Annals of Botany, 2013, 112, 671-676.	2.9	21
17	Diesel exhaust rapidly degrades floral odours used by honeybees. Scientific Reports, 2013, 3, 2779.	3.3	93
18	Organic soils promote the efficacy of entomopathogenic nematodes, with different foraging strategies, in the control of a major forest pest: A meta-analysis of field trial data. Biological Control, 2013, 65, 357-364.	3.0	16

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19	The Plume Also Rises: Trajectories of Pheromone Plumes Issuing from Point Sources in an Orchard Canopy at Night. Journal of Chemical Ecology, 2013, 39, 1150-1160.	1.8	22
20	Observations on the flight paths of the dayâ€flying mothVirbia lamaeduring periods of mate location: do males have a strategy for contacting the pheromone plume?. Journal of Animal Ecology, 2012, 81, 268-276.	2.8	17
21	Effects of organic and conventional fertilizer treatments on host selection by the aphid parasitoid Diaeretiella rapae. Journal of Applied Entomology, 2012, 136, 445-455.	1.8	19
22	Organic and conventional fertilizer effects on a tritrophic interaction: parasitism, performance and preference of Cotesia vestalis. Journal of Applied Entomology, 2011, 135, 658-665.	1.8	22
23	Parasitoids select plants more heavily infested with their caterpillar hosts: a new approach to aid interpretation of plant headspace volatiles. Proceedings of the Royal Society B: Biological Sciences, 2011, 278, 2646-2653.	2.6	71
24	Utilizing insect behavior in chemical detection by a behavioral biosensor. Journal of Plant Interactions, 2011, 6, 109-112.	2.1	5
25	The lethal and sub-lethal consequences of entomopathogenic nematode infestation and exposure for adult pine weevils, Hylobius abietis (Coleoptera: Curculionidae). Journal of Invertebrate Pathology, 2010, 104, 195-202.	3.2	12
26	Behavioural responses of the sevenâ€spot ladybird Coccinella septempunctata to plant headspace chemicals collected from four crop Brassicas and Arabidopsis thaliana, infested with Myzus persicae. Agricultural and Forest Entomology, 2008, 10, 297-306.	1.3	17
27	Investigations into plant biochemical wound-response pathways involved in the production of aphid-induced plant volatiles. Journal of Experimental Botany, 2008, 59, 3077-3085.	4.8	35
28	Biology and Reproductive Behavior of <I>Murgantia histrionica</I> (Heteroptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382 T	2.5	27
29	Do turning biases by the 7-spot ladybird, Coccinella septempunctata, increase their foraging efficiency?. Behaviour, 2007, 144, 143-163.	0.8	17
30	Analysis and Manipulation of the Structure of Odor Plumes from a Piezo-Electric Release System and Measurements of Upwind Flight of Male Almond Moths, Cadra cautella, to Pheromone Plumes. Journal of Chemical Ecology, 2007, 33, 1927-1945.	1.8	7
31	Behavioural responses of the aphid parasitoid Diaeretiella rapae to volatiles from Arabidopsis thaliana induced by Myzus persicae. Entomologia Experimentalis Et Applicata, 2006, 120, 1-9.	1.4	57
32	Analysis of the Courtship Behavior of the Navel Orangeworm, Amyelois transitella (Walker) (Lepidoptera: Pyralidae), with a Commentary on Methods for the Analysis of Sequences of Behavioral Transitions. Journal of Insect Behavior, 2006, 19, 497-520.	0.7	19