

# Robbie D Girling

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Diesel exhaust rapidly degrades floral odours used by honeybees. <i>Scientific Reports</i> , 2013, 3, 2779.	3.3	93
2	Parasitoids select plants more heavily infested with their caterpillar hosts: a new approach to aid interpretation of plant headspace volatiles. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2011, 278, 2646-2653.	2.6	71
3	The Effects of Diesel Exhaust Pollution on Floral Volatiles and the Consequences for Honey Bee Olfaction. <i>Journal of Chemical Ecology</i> , 2015, 41, 904-912.	1.8	68
4	A review of the factors that influence pesticide residues in pollen and nectar: Future research requirements for optimising the estimation of pollinator exposure. <i>Environmental Pollution</i> , 2019, 249, 236-247.	7.5	64
5	Behavioural responses of the aphid parasitoid <i>Diaeretiella rapae</i> to volatiles from <i>Arabidopsis thaliana</i> induced by <i>Myzus persicae</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2006, 120, 1-9.	1.4	57
6	Anthropogenic air pollutants reduce insect-mediated pollination services. <i>Environmental Pollution</i> , 2022, 297, 118847.	7.5	41
7	Investigations into plant biochemical wound-response pathways involved in the production of aphid-induced plant volatiles. <i>Journal of Experimental Botany</i> , 2008, 59, 3077-3085.	4.8	35
8	Acute exposure to diesel exhaust induces central nervous system stress and altered learning and memory in honey bees. <i>Scientific Reports</i> , 2019, 9, 5793.	3.3	32
9	Biology and Reproductive Behavior of <i>Murgantia histrionica</i> (Heteroptera: Tj ETQq1 1 0.784314 r <sub>g</sub> BT /Overlock 10	2.5	27
10	Evaluating the effects of integrating trees into temperate arable systems on pest control and pollination. <i>Agricultural Systems</i> , 2019, 176, 102676.	6.1	25
11	Organic and conventional fertilizer effects on a tritrophic interaction: parasitism, performance and preference of <i>Cotesia vestalis</i> . <i>Journal of Applied Entomology</i> , 2011, 135, 658-665.	1.8	22
12	The Plume Also Rises: Trajectories of Pheromone Plumes Issuing from Point Sources in an Orchard Canopy at Night. <i>Journal of Chemical Ecology</i> , 2013, 39, 1150-1160.	1.8	22
13	Measuring the unmeasurable? A method to quantify adoption of integrated pest management practices in temperate arable farming systems. <i>Pest Management Science</i> , 2019, 75, 3144-3152.	3.4	22
14	Olfactory selection of <i>Plantago lanceolata</i> by snails declines with seedling age. <i>Annals of Botany</i> , 2013, 112, 671-676.	2.9	21
15	Evaluating a trait-based approach to compare natural enemy and pest communities in agroforestry vs. arable systems. <i>Ecological Applications</i> , 2021, 31, e02294.	3.8	20
16	Analysis of the Courtship Behavior of the Navel Orangeworm, <i>Amyelois transitella</i> (Walker) (Lepidoptera: Pyralidae), with a Commentary on Methods for the Analysis of Sequences of Behavioral Transitions. <i>Journal of Insect Behavior</i> , 2006, 19, 497-520.	0.7	19
17	Effects of organic and conventional fertilizer treatments on host selection by the aphid parasitoid <i>Diaeretiella rapae</i> . <i>Journal of Applied Entomology</i> , 2012, 136, 445-455.	1.8	19
18	Identifying the drivers and constraints to adoption of IPM among arable farmers in the UK and Ireland. <i>Pest Management Science</i> , 2021, 77, 4148-4158.	3.4	19

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19	Do turning biases by the 7-spot ladybird, <i>Coccinella septempunctata</i> , increase their foraging efficiency?. <i>Behaviour</i> , 2007, 144, 143-163.	0.8	17
20	Behavioural responses of the seven-spot ladybird <i>Coccinella septempunctata</i> to plant headspace chemicals collected from four crop Brassicas and <i>Arabidopsis thaliana</i> , infested with <i>Myzus persicae</i> . <i>Agricultural and Forest Entomology</i> , 2008, 10, 297-306.	1.3	17
21	Observations on the flight paths of the day-flying moth <i>Virbia lamae</i> during periods of mate location: do males have a strategy for contacting the pheromone plume?. <i>Journal of Animal Ecology</i> , 2012, 81, 268-276.	2.8	17
22	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. <i>Biological Control</i> , 2013, 65, 357-364.	3.0	16
23	Rural livelihood diversity and its influence on the ecological intensification potential of smallholder farms in Kenya. <i>Food and Energy Security</i> , 2021, 10, e254.	4.3	15
24	Productivity, biodiversity trade-offs, and farm income in an agroforestry versus an arable system. <i>Ecological Economics</i> , 2022, 191, 107214.	5.7	15
25	The lethal and sub-lethal consequences of entomopathogenic nematode infestation and exposure for adult pine weevils, <i>Hylobius abietis</i> (Coleoptera: Curculionidae). <i>Journal of Invertebrate Pathology</i> , 2010, 104, 195-202.	3.2	12
26	Management to Promote Flowering Understoreys Benefits Natural Enemy Diversity, Aphid Suppression and Income in an Agroforestry System. <i>Agronomy</i> , 2021, 11, 651.	3.0	10
27	Weed Suppression and Tolerance in Winter Oats. <i>Weed Technology</i> , 2017, 31, 740-751.	0.9	10
28	Niche complementarity drives increases in pollinator functional diversity in diversified agroforestry systems. <i>Agriculture, Ecosystems and Environment</i> , 2022, 336, 108035.	5.3	8
29	Analysis and Manipulation of the Structure of Odor Plumes from a Piezo-Electric Release System and Measurements of Upwind Flight of Male Almond Moths, <i>Cadra cautella</i> , to Pheromone Plumes. <i>Journal of Chemical Ecology</i> , 2007, 33, 1927-1945.	1.8	7
30	Utilizing insect behavior in chemical detection by a behavioral biosensor. <i>Journal of Plant Interactions</i> , 2011, 6, 109-112.	2.1	5
31	Ozone Mitigates the Adverse Effects of Diesel Exhaust Pollutants on Ground-Active Invertebrates in Wheat. <i>Frontiers in Ecology and Evolution</i> , 2022, 10, .	2.2	4
32	Repeated short-term exposure to diesel exhaust reduces honey bee colony fitness. <i>Environmental Pollution</i> , 2022, 300, 118934.	7.5	2