

Robert T Glinwood

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,195
citations

304743

22
h-index

395702

33
g-index

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all docs

35
docs citations

35
times ranked

1315
citing authors

#	ARTICLE	IF	CITATIONS
1	Covariation and phenotypic integration in chemical communication displays: biosynthetic constraints and eco-evolutionary implications. <i>New Phytologist</i> , 2018, 220, 739-749.	7.3	101
2	Barley exposed to aerial allelopathy from thistles (<i>Cirsium</i> spp.) becomes less acceptable to aphids. <i>Ecological Entomology</i> , 2004, 29, 188-195.	2.2	81
3	Volatile Exchange between Undamaged Plants - a New Mechanism Affecting Insect Orientation in Intercropping. <i>PLoS ONE</i> , 2013, 8, e69431.	2.5	71
4	Change in response of <i>Rhopalosiphum padi</i> spring migrants to the repellent winter host component methyl salicylate. <i>Entomologia Experimentalis Et Applicata</i> , 2000, 94, 325-330.	1.4	60
5	Change in acceptability of barley plants to aphids after exposure to allelochemicals from couch-grass (<i>Elytrigia repens</i>). <i>Journal of Chemical Ecology</i> , 2003, 29, 261-274.	1.8	58
6	Identification of mosquito repellent odours from <i>Ocimum forskolei</i> . <i>Parasites and Vectors</i> , 2011, 4, 183.	2.5	58
7	Multivariate statistics coupled to generalized linear models reveal complex use of chemical cues by a parasitoid. <i>Animal Behaviour</i> , 2009, 77, 901-909.	1.9	54
8	Airborne interactions between undamaged plants of different cultivars affect insect herbivores and natural enemies. <i>Arthropod-Plant Interactions</i> , 2009, 3, 215-224.	1.1	52
9	Herbivory by a Phloem-Feeding Insect Inhibits Floral Volatile Production. <i>PLoS ONE</i> , 2012, 7, e31971.	2.5	52
10	Chemical interaction between undamaged plants – Effects on herbivores and natural enemies. <i>Phytochemistry</i> , 2011, 72, 1683-1689.	2.9	48
11	Olfactory learning of plant genotypes by a polyphagous insect predator. <i>Oecologia</i> , 2011, 166, 637-647.	2.0	43
12	Red:far-red light conditions affect the emission of volatile organic compounds from barley (<i>Hordeum vulgare</i>), leading to altered biomass allocation in neighbouring plants. <i>Annals of Botany</i> , 2015, 115, 961-970.	2.9	41
13	Effect of within-species plant genotype mixing on habitat preference of a polyphagous insect predator. <i>Oecologia</i> , 2011, 166, 391-400.	2.0	40
14	Weed-barley interactions affect plant acceptance by aphids in laboratory and field experiments. <i>Entomologia Experimentalis Et Applicata</i> , 2009, 133, 38-45.	1.4	36
15	Overexpression and Down-Regulation of Barley Lipoyxygenase LOX2.2 Affects Jasmonate-Regulated Genes and Aphid Fecundity. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2765.	4.1	35
16	Foraging in a complex environment - semiochemicals support searching behaviour of the seven spot ladybird. <i>European Journal of Entomology</i> , 2005, 102, 365-370.	1.2	35
17	Chemical stimuli supporting foraging behaviour of <i>Coccinella septempunctata</i> L. (Coleoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.2	32
18	Bryophytes can recognize their neighbours through volatile organic compounds. <i>Scientific Reports</i> , 2020, 10, 7405.	3.3	31

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19	Volatile interaction between undamaged plants affects tritrophic interactions through changed plant volatile emission. <i>Plant Signaling and Behavior</i> , 2014, 9, e29517.	2.4	29
20	Infection with an insect virus affects olfactory behaviour and interactions with host plant and natural enemies in an aphid. <i>Entomologia Experimentalis Et Applicata</i> , 2008, 127, 108-117.	1.4	25
21	Plant response to touch affects the behaviour of aphids and ladybirds. <i>Arthropod-Plant Interactions</i> , 2014, 8, 171-181.	1.1	25
22	Pest suppression in cultivar mixtures is influenced by neighbor-specific plant-plant communication. <i>Ecological Applications</i> , 2018, 28, 2187-2196.	3.8	24
23	Aphid Acceptance of Barley Exposed to Volatile Phytochemicals Differs Between Plants Exposed in Daylight and Darkness. <i>Plant Signaling and Behavior</i> , 2007, 2, 321-326.	2.4	23
24	Plant Responses to Brief Touching: A Mechanism for Early Neighbour Detection?. <i>PLoS ONE</i> , 2016, 11, e0165742.	2.5	22
25	Communication Between Undamaged Plants by Volatiles: the Role of Allelobiosis. , 2006, , 421-434.		19
26	Olfactory responses of <i>Rhopalosiphum padi</i> to three maize, potato, and wheat cultivars and the selection of prospective crop border plants. <i>Entomologia Experimentalis Et Applicata</i> , 2015, 157, 241-253.	1.4	16
27	Brassicaceae cover crops reduce <i>Aphanomyces</i> pea root rot without suppressing genetic potential of microbial nitrogen cycling. <i>Plant and Soil</i> , 2015, 392, 227-238.	3.7	15
28	Effects of Methyl Salicylate on Host Plant Acceptance and Feeding by the Aphid <i>Rhopalosiphum padi</i> . <i>Frontiers in Plant Science</i> , 2021, 12, 710268.	3.6	15
29	Transgenerational effects and the cost of ant tending in aphids. <i>Oecologia</i> , 2013, 173, 779-790.	2.0	14
30	Ant-aphid mutualism: the influence of ants on the aphid summer cycle. <i>Oikos</i> , 2012, 121, 61-66.	2.7	13
31	The effect of 1-pentadecene on <i>Tribolium castaneum</i> behaviour: Repellent or attractant?. <i>Pest Management Science</i> , 2021, 77, 4034-4039.	3.4	13
32	Olfactory response of <i>Myzus persicae</i> (Homoptera: Aphididae) to volatiles from leek and chive: Potential for intercropping with sweet pepper. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2007, 57, 87-91.	0.6	8
33	Landing Preference and Reproduction of <i>Rhopalosiphum padi</i> (Hemiptera: Aphididae) in the Laboratory on Three Maize, Potato, and Wheat Cultivars. <i>Journal of Insect Science</i> , 2015, 15, 63-63.	1.5	4
34	Volatile Chemical Interaction Between Undamaged Plants: Effects at Higher Trophic Levels. <i>Signaling and Communication in Plants</i> , 2010, , 87-98.	0.7	2
35	Communication Between Undamaged Plants by Volatiles: the Role of Allelobiosis. , 0, , 421-434.		0