Richard J Hopkins

List of Publications by Year
in descending order

47 papers	2,104 citations	257450 24 h-index	233421 45 g-index
47 all docs	47 docs citations	47 times ranked	2501 citing authors

#	Article	IF	Citations
1	Role of Glucosinolates in Insect-Plant Relationships and Multitrophic Interactions. Annual Review of Entomology, 2009, 54, 57-83.	11.8	771
2	Bacterial associations reveal spatial population dynamics in Anopheles gambiae mosquitoes. Scientific Reports, 2016, 6, 22806.	3.3	114
3	The impact of global warming on plant diseases and insect vectors in Sweden. European Journal of Plant Pathology, 2011, 129, 9-19.	1.7	111
4	Glucosinolate responses of swede, kale, forage and oilseed rape to root damage by turnip root fly (Delia floralis) larvae. Journal of the Science of Food and Agriculture, 1992, 60, 1-9.	3.5	93
5	Glucosinolate Content and Susceptibility for Insect Attack of Three Populations of Sinapis alba. Journal of Chemical Ecology, 1998, 24, 1203-1216.	1.8	67
6	Identification of mosquito repellent odours from Ocimum forskolei. Parasites and Vectors, 2011, 4, 183.	2.5	58
7	Plant-Mediated Effects on Mosquito Capacity to Transmit Human Malaria. PLoS Pathogens, 2016, 12, e1005773.	4.7	54
8	Title is missing!. Journal of Chemical Ecology, 1998, 24, 2003-2019.	1.8	50
9	Oviposition and chemosensory stimulation of the root flies Delia radicum and D. floralis in response to plants and leaf surface extracts from resistant and susceptible Brassica genotypes. Entomologia Experimentalis Et Applicata, 1996, 78, 61-75.	1.4	44
10	Low oviposition stimuli reduce egg production in the pollen beetle Meligethes aeneus. Physiological Entomology, 1996, 21, 118-122.	1.5	42
11	Evaluating the enemies hypothesis in a cloverâ€cabbage intercrop: effects of generalist and specialist natural enemies on the turnip root fly (Delia floralis). Agricultural and Forest Entomology, 2010, 12, 123-132.	1.3	39
12	Leaf Surface Compounds and Oviposition Preference of Turnip Root Fly Delia floralis: The Role of Glucosinolate and Nonglucosinolate Compounds. Journal of Chemical Ecology, 1997, 23, 629-643.	1.8	38
13	Factors influencing the ownership and utilization of long-lasting insecticidal nets for malaria prevention in Ethiopia. Malaria Journal, 2017, 16, 262.	2.3	38
14	Infestation by cabbage aphid (Brevicoryne brassicae) on oilseed rape (Brassica napus) causes a long lasting induction of the myrosinase system. Entomologia Experimentalis Et Applicata, 2003, 109, 55-62.	1.4	36
15	The role of grass volatiles on oviposition site selection by Anopheles arabiensis and Anopheles coluzzii. Malaria Journal, 2017, 16, 65.	2.3	34
16	The pollen beetle,. Oecologia, 1999, 120, 274.	2.0	33
17	High Biodiversity of Green Infrastructure Does Not Contribute to Recreational Ecosystem Services. Sustainability, 2017, 9, 334.	3.2	32
18	Differential wound induction of the myrosinase system in oilseed rape (Brassica napus): contrasting insect damage with mechanical damage. Plant Science, 2005, 168, 715-722.	3.6	31

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19	Ethnobotanical survey and testing of plants traditionally used against hematophagous insects in Eritrea. Journal of Ethnopharmacology, 2004, 95, 95-101.	4.1	30
20	Changes in the dry matter, sugar, plant fibre and lignin contents of swede, rape and kale roots in response to turnip root fly (Delia floralis) larval damage. Journal of the Science of Food and Agriculture, 1995, 69, 321-328.	3.5	28
21	Patch size effects are more important than genetic diversity for plantâ€“herbivore interactions in Brassica crops. Ecological Entomology, 2010, 35, 299-306.	2.2	28
22	Imperfection works: Survival, transmission and persistence in the system of Heliothis virescens ascovirus 3h (HvAV-3h), Microplitis similis and Spodoptera exigua. Scientific Reports, 2016, 6, 21296.	3.3	28
23	Assessing and managing intensification in smallholder dairy systems for food and nutrition security in Sub-Saharan Africa. Regional Environmental Change, 2016, 16, 2257-2267.	2.9	28
24	Scale-dependent responses in cabbage herbivores affect attack rates in spatially heterogeneous systems. Basic and Applied Ecology, 2009, 10, 228-236.	2.7	26
25	The pollen beetle, Meligethes aeneus, changes egg production rate to match host quality. Oecologia, 1999, 120, 274-278.	2.0	23
26	Relationships between turnip root fly (Delia floralis) larval development and the sugar content of swede (Brassica napus ssp. rapifera) roots. Annals of Applied Biology, 1993, 122, 405-415.	2.5	22
27	You Canâ€™t See the Woods for the Trees: Invasive Acer negundo L. in Urban Riparian Forests Harms Biodiversity and Limits Recreation Activity. Sustainability, 2019, 11, 5838.	3.2	22
28	Variation in Leaf Surface Hydrophobicity of Wetland Plants: the Role of Plant Traits in Water Retention. Wetlands, 2017, 37, 997-1002.	1.5	20
29	Daytime shelter use of individually kept horses during Swedish summer1. Journal of Animal Science, 2015, 93, 802-810.	0.5	17
30	Reduced realised fecundity in the pine looper Bupalus piniarius caused by host plant defoliation. Ecological Entomology, 2001, 26, 417-424.	2.2	14
31	The effect of host acceptability on oviposition and egg accumulation by the small white butterfly,Pieris rapae. Physiological Entomology, 2001, 26, 149-157.	1.5	13
32	Shady business: understanding the spatial ecology of exophilic Anopheles mosquitoes. Malaria Journal, 2018, 17, 351.	2.3	13
33	24-h sheltering behaviour of individually kept horses during Swedish summer weather. Acta Veterinaria Scandinavica, 2015, 57, 45.	1.6	12
34	Grass Pollen Affects Survival and Development of Larval Anopheles arabiensis (Diptera: Culicidae). Journal of Insect Science, 2017, 17, .	1.5	12
35	Combined Effect of Intercropping and Turnip Root Fly (Delia floralis) Larval Feeding on the Glucosinolate Concentrations in Cabbage Roots and Foliage. Journal of Chemical Ecology, 2008, 34, 1368-1376.	1.8	11
36	The effect of repellents Ocimum forskolei and deet on the response of Anopheles stephensi to host odours. Medical and Veterinary Entomology, 2006, 20, 373-376.	1.5	9

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37	Selecting the right parasitoid for the environment in classical biological control programmes: the case ofDiadegma semiclausum(Hymenoptera: Ichneumonidae) andPlutella xylostella(Lepidoptera: Plutellidae) in the Kofele highland of Ethiopia. Biocontrol Science and Technology, 2013, 23, 1284-1295.	1.3	9
38	What are the effects of control of mosquitoes and other nematoceran Diptera using the microbial agent Bacillus thuringiensis israelensis (Bti) on aquatic and terrestrial ecosystems? A systematic review protocol. Environmental Evidence, 2019, 8, .	2.7	8
39	Malaria hotspots explained from the perspective of ecological theory underlying insect foraging. Scientific Reports, 2020, 10, 21449.	3.3	8
40	Multimodal synergisms in host stimuli drive landing response in malaria mosquitoes. Scientific Reports, 2021, 11, 7379.	3.3	8
41	Reservoirs of plant virus disease: Occurrence of wheat dwarf virus and barley/cereal yellow dwarf viruses in Sweden. Plant Pathology, 2021, 70, 1552-1561.	2.4	8
42	The importance of accounting for larval detectability in mosquito habitat-association studies. Malaria Journal, 2016, 15, 253.	2.3	7
43	Effects of plant competition and herbivore density on the development of the turnip root fly (Delia) Tj ETQq1 1 0.784314 rgBT /Overlock	1.1	4
44	Thus far but no further: predatory mites do not migrate effectively into strawberry plantations. Experimental and Applied Acarology, 2019, 77, 359-373.	1.6	4
45	Understanding mosquito host-choice behaviour: a new and low-cost method of identifying the sex of human hosts from mosquito blood meals. Parasites and Vectors, 2021, 14, 75.	2.5	4
46	Parasitism of Two Spodoptera spp. by Microplitis prodeniae (Hymenoptera: Braconidae). Journal of Economic Entomology, 2018, 111, 1131-1136.	1.8	2
47	A Place to Grow? Host Choice and Larval Performance of Microplitis similis (Hymenoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 46, 642-648.	1.4	1