James T Ridsdill-Smith

List of Publications by Year
in descending order

55 papers	971 citations	430874 18 h-index	526287 27 g-index
55 all docs	55 docs citations	55 times ranked	568 citing authors

#	Article	IF	Citations
1	Biology and control of Halotydeus destructor (Tucker) (Acarina: Penthaleidae): a review. Experimental and Applied Acarology, 1997, 21, 193-223.	1.6	74
2	Seasonal occurrence and abundance of redlegged earth miteHalotydeus destructor(Acari:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1 1997, 87, 413-423.	1.0	53
3	Predictions of summer diapause in the redlegged earth mite, Halotydeus destructor (Acari:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	2.0	46
4	Strategies for control of the redlegged earth mite in Australia. Australian Journal of Experimental Agriculture, 2008, 48, 1506.	1.0	40
5	Volatiles from Trifolium as feeding deterrents of redlegged earth mites. Phytochemistry, 1999, 52, 601-605.	2.9	37
6	Bioactive Isoflavonols and Other Components fromTrifolium subterraneum. Journal of Natural Products, 1998, 61, 508-510.	3.0	36
7	Tests for density dependence revisited. Oecologia, 1995, 103, 435-443.	2.0	31
8	Electronically monitored cowpea aphid feeding behavior on resistant and susceptible lupins. Entomologia Experimentalis Et Applicata, 2001, 98, 259-269.	1.4	31
9	Some effects of three species of dung beetles (Coleoptera: Scarabaeidae) in south-western Australia on the survival of the bush fly, Musca vetustissima Walker (Diptera: Muscidae), in dung pads. Bulletin of Entomological Research, 1981, 71, 425-433.	1.0	30
10	Reproductive Competition and its Impact on the Evolution and Ecology of Dung Beetles. , 2011, , 1-20.		29
11	Host plant species and carbohydrate supplements affecting rate of multiplication of redlegged earth mite. Experimental and Applied Acarology, 1994, 18, 521-530.	1.6	28
12	Populations of African black beetle, Heteronychus arator (Coleoptera: Scarabaeidae) in a Mediterranean climate region of Australia. Bulletin of Entomological Research, 1991, 81, 85-91.	1.0	27
13	The foraging behaviour of redlegged earth mite,Halotydeus destructor(Acarina: Penthaleidae), in an annual subterranean clover pasture. Bulletin of Entomological Research, 1996, 86, 247-252.	1.0	24
14	Detached Leaf Assay to Screen for Host Plant Resistance to <I>Helicoverpa armigera</I>. Journal of Economic Entomology, 2005, 98, 568-576.	1.8	24
15	The role of alkaloids in conferring aphid resistance in yellow lupin (Lupinus luteus L.). Crop and Pasture Science, 2012, 63, 444.	1.5	24
16	Field assessments of the impact of night-flying dung beetles (Coleoptera: Scarabaeidae) on the bush fly, Musca Vetustissima Walker (Diptera: Muscidae), in south-western Australia. Bulletin of Entomological Research, 1984, 74, 191-195.	1.0	21
17	The Effect of Volatile Metabolites of Lipid Peroxidation on the Aggregation of Redlegged Earth Mites Halotydeus destructor (Acarina: Penthaleidae) on Damaged Cotyledons of Subterranean Clover. Journal of Chemical Ecology, 1997, 23, 163-174.	1.8	21
18	SELECTION OF LIVING GRASS ROOTS IN THE SOIL BY LARVAE OF SERICESTHIS NIGROLINEATA (COLEOPTERA: SCARABAEIDAE). Entomologia Experimentalis Et Applicata, 1975, 18, 75-86.	1.4	20

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19	Role of Alkaloids in Resistance of Yellow Lupin to Red-Legged Earth Mite Halotydeus destructor. Journal of Chemical Ecology, 2000, 26, 429-441.	1.8	20
20	Competition between the bush fly and a dung beetle in dung of differing characteristics. Entomologia Experimentalis Et Applicata, 1986, 41, 83-90.	1.4	18
21	Feeding life style of redlegged earth mite, Halotydeus destructor (Acari: Penthaleidae), in pastures and the role of broad-leafed weeds. , 2000, 24, 397-414.		18
22	Title is missing!. Journal of Chemical Ecology, 1999, 25, 795-803.	1.8	17
23	Examination of the involvement of mechanical strength in antixenotic resistance of subterranean clover cotyledons to the redlegged earth mite (Halotydeus destructor) (Acarina: Penthaleidae). Bulletin of Entomological Research, 1996, 86, 263-270.	1.0	16
24	Correlation of 1-octen-3-one with antixenotic resistance in subterranean clover cotyledons to red-legged earth mite,Halotydeus destructor (Acarina: Penthaleidae). Journal of Chemical Ecology, 1996, 22, 369-382.	1.8	16
25	Individual-based modelling of the efficacy of fumigation tactics to control lesser grain borer (Rhyzopertha dominica) in stored grain. Journal of Stored Products Research, 2012, 51, 23-32.	2.6	16
26	Chemical attractants tested against the Australian bush flyMusca vetustissima (Diptera: Muscidae). Journal of Chemical Ecology, 1986, 12, 261-270.	1.8	15
27	A method to test compounds for feeding deterrence towards redlegged earth mite (Acarina:) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.5	15
28	An improved method for rearing Halotydeus destructor (Acari: Penthaleidae) in the laboratory. Experimental and Applied Acarology, 1995, 19, 337-345.	1.6	15
29	Feeding by redlegged earth mite (Halotydeus destructor) on seedlings influences subsequent plant performance of different pulse crops. Australian Journal of Experimental Agriculture, 2000, 40, 715.	1.0	14
30	Direct and Indirect Impacts of Infestation of Tomato Plant by Myzus persicae (Hemiptera: Aphididae) on Bemisia tabaci (Hemiptera: Aleyrodidae). PLoS ONE, 2014, 9, e94310.	2.5	14
31	Antiparasitic drugs, the livestock industry and dung beetles cause for concern?. Australian Veterinary Journal, 1998, 76, 259-261.	1.1	13
32	Water stress and redlegged earth mites affect the early growth of seedlings in a subterranean clover/capeweed pasture community. Australian Journal of Agricultural Research, 2000, 51, 361.	1.5	12
33	Does a multiâ€plant diet benefit a polyphagous herbivore? A case study with <scp>B</scp>emisia tabaci. Entomologia Experimentalis Et Applicata, 2014, 152, 148-156.	1.4	12
34	Antixenotic resistance of subterranean clover cotyledons to redlegged earth mite, Halotydeus destructor. Entomologia Experimentalis Et Applicata, 1996, 79, 161-169.	1.4	11
35	Methods to measure performance of <scp>G</scp>rapholitha molesta on apples of five varieties. Entomologia Experimentalis Et Applicata, 2018, 166, 162-170.	1.4	11
36	Nitrogen and plant growth regulator affect plant detoxification metabolism and tritrophic interactions among Triticum aestivum, Sitobion avenae and Aphelinus asychis. Entomologia Generalis, 2021, 41, 369-384.	3.1	11

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37	Responses and feeding damage of redlegged earthmite (Acarina: Penthaleidae) to seedlings of resistant and susceptible subterranean clover varieties. Australian Journal of Agricultural Research, 1995, 46, 1091.	1.5	11
38	EFFECTS OF TEMPERATURE AND DEVELOPMENTAL STAGE ON FEEDING BY LARVAE OF SERICESTHIS N1GR0LINEATA (COLEOPTERA: SCARABAEIDAE). Entomologia Experimentalis Et Applicata, 1975, 18, 244-254.	1.4	10
39	LABORATORY REARING OF HALOTYDEUS DESTRUCTOR (TUCKER) (ACARI: PENTHALEIDAE). Australian Journal of Entomology, 1991, 30, 313-313.	1.1	10
40	Assays for the effects of volatile compounds from artificially damaged cotyledons of subterranean clover on the redlegged earth mite, Halotydeus destructor. Experimental and Applied Acarology, 1996, 20, 61-72.	1.6	9
41	Mass rearing Halotydeus destructor (Tucker) (Acari : Penthaleidae) for use in summer screening of Trifolium subterraneum (L.) for mite resistance. Australian Journal of Experimental Agriculture, 1997, 37, 343.	1.0	9
42	Chemical Defenses ofTrifolium glanduliferumagainst Redlegged Earth MiteHalotydeus destructor. Journal of Agricultural and Food Chemistry, 2005, 53, 6240-6245.	5.2	9
43	Constructing a new individual-based model of phosphine resistance in lesser grain borer (Rhyzopertha dominica): do we need to include two loci rather than one?. Journal of Pest Science, 2012, 85, 451-468.	3.7	7
44	Host Plant Acceptance by Redlegged Earth Mite, Halotydeus destructor (Tucker) (Acarina:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 Td	0.7	6
45	Exploitation of Wild <I>Cicer reticulatum</I> Germplasm for Resistance to <I>Helicoverpa armigera</I>. Journal of Economic Entomology, 2005, 98, 2246-2253.	1.8	6
46	DUNG BEETLES (SCARABAEIDAE: SCARABAEINAE AND APHODIINAE) ACTIVE IN FOREST HABITATS IN SOUTHWESTERN AUSTRALIA DURING WINTER. Australian Journal of Entomology, 1983, 22, 307-309.	1.1	5
47	Cold storage of Halotydeus destructor (Acari: Penthaleidae) for use in experiments. Experimental and Applied Acarology, 2000, 24, 123-133.	1.6	5
48	Dung Beetles. , 2009, , 304-307.		5
49	Effect of seedling damage by redlegged earth mite, Halotydeus destructor, on subsequent growth and development of yellow lupin, Lupinus luteus, in the glasshouse. Australian Journal of Agricultural Research, 2000, 51, 113.	1.5	5
50	FIELD NOTES ON THE OCCURRENCE OF HEMITHYNNUS HYALINATUS (HYMENOPTERA: TIPHIIDAE) AS A PARASITE OF SCARABAEIDS ON THE NEW ENGLAND TABLELANDS. Australian Journal of Entomology, 1971, 10, 265-270.	1.1	4
51	INFLUENCE OF SOIL MOISTURE ON ROOT FEEDING AND GROWTH RATE OF SERICESTHIS NIG RO LIN EAT A LARVAE (SCARABAEIDAE: COLEOPTERA). Australian Journal of Entomology, 1980, 19, 73-77.	1.1	4
52	RE-EXAMINATION OF COMPETITION BETWEEN MUSCA VETUSTISSIMA WALKER (DIPTERA:MUSCIDAE) LARVAE AND SEASONAL CHANGES IN FAVOURABILITY OF CATTLE DUNG. Australian Journal of Entomology, 1989, 28, 105-111.	1.1	3
53	Entomology and the Australian Entomological Society. Australian Journal of Entomology, 2004, 43, 211-215.	1.1	2
54	Mass rearing an earth mite to screen plants for resistance: A review. Entomological Research, 2008, 38, S22.	1.1	1

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55	Induced responses in clover to an herbaceous mite. Archives of Insect Biochemistry and Physiology, 2002, 51, 170-181.	1.5	0