

# Grant A Herron

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6752200/publications.pdf>

Version: 2024-02-01

55  
papers

1,190  
citations

361296

20  
h-index

414303

32  
g-index

55  
all docs

55  
docs citations

55  
times ranked

797  
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of abamectin resistance in <i>Tetranychus urticae</i> in Australian cotton and the establishment of discriminating doses for <i>T. lambi</i> . <i>Experimental and Applied Acarology</i> , 2021, 83, 325-341.	0.7	4
2	Mutation (G275E) of nAChR subunit $\text{F}\alpha 6$ associated with spinetoram resistance in Australian western flower thrips, <i>Frankliniella occidentalis</i> (Pergande). <i>Molecular Biology Reports</i> , 2021, 48, 3155-3163.	1.0	9
3	Preliminary characterisation of known pesticide resistance alleles in <i>Spodoptera frugiperda</i> (Lepidoptera: Noctuidae) in its invasive Australian range. <i>Austral Entomology</i> , 2021, 60, 782-790.	0.8	13
4	Development and use of a single real-time PCR assay to identify the three spider mite species <i>Tetranychus urticae</i> , <i>Tetranychus lambi</i> and <i>Tetranychus ludeni</i> (Acari: Tetranychidae). <i>Journal of Pest Science</i> , 2017, 90, 773-779.	1.9	15
5	The Management of Insect Pests in Australian Cotton: An Evolving Story. <i>Annual Review of Entomology</i> , 2018, 63, 215-237.	5.7	76
6	First detection of etoxazole resistance in Australian two-spotted mite <i>Tetranychus urticae</i> Koch (Acarina: Tetranychidae) via bioassay and DNA methods. <i>Austral Entomology</i> , 2018, 57, 365-368.	0.8	15
7	Can resistance management strategies recover insecticide susceptibility in pests?: a case study with cotton aphid <i>Aphis gossypii</i> (Aphididae: Hemiptera) in Australian cotton. <i>Austral Entomology</i> , 2017, 56, 1-13.	0.8	22
8	A significant fitness cost associated with ACE1 target site pirimicarb resistance in a field isolate of <i>Aphis gossypii</i> Glover from Australian cotton. <i>Journal of Pest Science</i> , 2017, 90, 773-779.	1.9	15
9	Efficacy of two thiamethoxam pre-germination seed treatments and a phorate side-dressing against neonicotinoid and pirimicarb resistant cotton aphid, <i>Aphis gossypii</i> (Hemiptera: Aphididae). <i>Austral Entomology</i> , 2015, 54, 351-357.	0.8	9
10	A TaqMan qPCR method for detecting <i>kdr</i> resistance in <i>Aphis gossypii</i> demonstrates improved sensitivity compared to conventional PCR-RFLP. <i>Journal of Pest Science</i> , 2015, 88, 785-791.	1.9	6
11	Quantification of the Pirimicarb Resistance Allele Frequency in Pooled Cotton Aphid ( <i>Aphis gossypii</i> )	1.1	9
12	Baseline susceptibility and cross-resistance in <i>Aphis gossypii</i> Glover (Aphididae: Hemiptera) to phorate and sulfoxaflor. <i>Austral Entomology</i> , 2014, 53, 32-35.	0.8	11
13	Spinosad resistance, esterase isoenzymes and temporal synergism in <i>Frankliniella occidentalis</i> (Pergande) in Australia. <i>Pesticide Biochemistry and Physiology</i> , 2014, 114, 32-37.	1.6	21
14	Evidence of superclones in Australian cotton aphid <i>Aphis gossypii</i> Glover (Aphididae: Hemiptera) from Australian cotton. <i>Australian Journal of Entomology</i> , 2011, 50, 93-98.	1.1	50
15	Detection of <i>kdr</i> pyrethroid resistance in the cotton aphid, <i>Aphis gossypii</i> (Hemiptera: Aphididae), using a PCR-RFLP assay. <i>Journal of Pesticide Sciences</i> , 2012, 37, 169-172.	0.8	29
16	Esterases and glutathione <i>S</i> -transferases contribute to pyrethroid resistance in western flower thrips, <i>Frankliniella occidentalis</i> . <i>Australian Journal of Entomology</i> , 2012, 51, 272-278.	1.1	4
17	Neonicotinoid resistance in <i>Aphis gossypii</i> Glover (Aphididae: Hemiptera) from Australian cotton. <i>Australian Journal of Entomology</i> , 2011, 50, 93-98.	1.1	50
18	Dose-response testing of Australian populations of onion thrips <i>Thrips tabaci</i> Lindeman (Thysanoptera: Thripidae) further refines baseline data and detects methidathion and likely imidacloprid resistance. <i>Australian Journal of Entomology</i> , 2011, 50, 418-423.	1.1	17

#	ARTICLE	IF	CITATIONS
19	Evaluation of existing and new insecticides including spirotetramat and pyridalyl to control <i>Frankliniella occidentalis</i> (Pergande) (Thysanoptera: Thripidae) on peppers in Queensland. Australian Journal of Entomology, 2010, 49, 175-181.	1.1	44
20	Potential New Insecticides for the Control of Western Flower Thrips (Thysanoptera: Thripidae) on Sweet Pepper, Tomato, and Lettuce. Journal of Economic Entomology, 2009, 102, 646-651.	0.8	27
21	Investigating the Effect of Invasion Characteristics on Onion Thrips (Thysanoptera: Thripidae) Populations in Onions With a Temperature-Driven Process Model. Environmental Entomology, 2009, 38, 1575-1584.	0.7	7
22	The influence of sublethal deposits of agricultural mineral oil on the functional and numerical responses of <i>Phytoseiulus persimilis</i> (Acari: Phytoseiidae) to its prey, <i>Tetranychus urticae</i> (Acari: Tetranychidae). Journal of Economic Entomology, 2009, 102, 50-56.	1.1	10
23	PCR detection of pirimicarb resistance in Australian field isolates of <i>Aphis gossypii</i> Glover (Aphididae: Hemiptera). Australian Journal of Entomology, 2009, 48, 65-72.	1.1	12
24	Relative toxicity of C24 agricultural mineral oil to <i>Tetranychus urticae</i> Koch (Acari: Tetranychidae) relationship to egg ultrastructure. Australian Journal of Entomology, 2009, 48, 251-257.	1.1	2
25	Impact of C24 agricultural mineral oil deposits on the searching efficiency and predation rate of the predatory mite <i>Phytoseiulus persimilis</i> Athias-Henriot (Acari: Phytoseiidae). Australian Journal of Entomology, 2009, 48, 258-264.	1.1	2
26	Pyrethroid resistance in <i>Frankliniella occidentalis</i> (Pergande) (Thysanoptera: Thripidae) and implications for its management in Australia. Australian Journal of Entomology, 2008, 47, 64-69.	1.1	32
27	Australian populations of onion thrips, <i>Thrips tabaci</i> Lindeman (Thysanoptera: Thripidae), are resistant to some insecticides used for their control. Australian Journal of Entomology, 2008, 47, 361-364.	1.1	51
28	<i>Frankliniella occidentalis</i> (Pergande) (Thysanoptera: Thripidae) chemical control: insecticide efficacy associated with the three consecutive spray strategy. Australian Journal of Entomology, 2007, 46, 140-145.	1.1	18
29	<i>Frankliniella occidentalis</i> (Pergande) (Thysanoptera: Thripidae) chemical control: residues associated with the three consecutive spray strategy. Australian Journal of Entomology, 2007, 46, 146-151.	1.1	9
30	Monitoring insecticide resistance in Australian <i>Frankliniella occidentalis</i> Pergande (Thysanoptera: Thripidae). Australian Journal of Entomology, 2007, 46, 299-303.	1.1	95
31	Chlorfenapyr resistance in two-spotted spider mite (Acari: Tetranychidae) from Australian cotton. Experimental and Applied Acarology, 2004, 34, 315-321.	0.7	1
32	Potential of a propargite and fenpyroximate mixture against two-spotted spider mite, <i>Tetranychus urticae</i> (Acari: Tetranychidae). Experimental and Applied Acarology, 2003, 29, 115-119.	0.7	5
33	First detection of chlorfenapyr (Secure- <sup>®</sup> ) resistance in two-spotted spider mite (Acari: Tetranychidae) from nectarines in an Australian orchard. Experimental and Applied Acarology, 2003, 31, 131-134.	0.7	31
34	Use of a Generalized Linear Mixed Model to Reduce Excessive Heterogeneity in Petroleum Spray Oil Bioassay Data. Journal of Economic Entomology, 2003, 96, 983-989.	0.8	2
35	Initial verification of the resistance management strategy for <i>Frankliniella occidentalis</i> (Pergande) (Thysanoptera: Thripidae) in Australia. Australian Journal of Entomology, 2002, 41, 187-191.	1.1	14
36	The stability of tebufenpyrad resistance in two-spotted spider mite (Acari: Tetranychidae) under laboratory conditions. Experimental and Applied Acarology, 2002, 26, 253-256.	0.7	2

#	ARTICLE	IF	CITATIONS
37	Insecticide resistance in <i>Aphis gossypii</i> Glover (Hemiptera: Aphididae), a serious threat to Australian cotton. <i>Australian Journal of Entomology</i> , 2001, 40, 85-91.	1.1	75
38	The development of bifenthrin resistance in two-spotted spider mite (Acari: Tetranychidae) from Australian cotton. <i>Experimental and Applied Acarology</i> , 2001, 25, 301-310.	0.7	33
39	Baseline studies and preliminary resistance survey of Australian populations of cotton aphid <i>Aphis gossypii</i> Glover (Hemiptera: Aphididae). <i>Australian Journal of Entomology</i> , 2000, 39, 33-38.	1.1	24
40	Potential insecticides for control of <i>Oligonychus ilicis</i> (McGregor) (Acari: Tetranychidae), a new threat to Australian horticulture. <i>Australian Journal of Entomology</i> , 2000, 39, 86-88.	1.1	1
41	Acaricidal and stimulatory effects of insecticides on <i>Tetranychus urticae</i> Koch (Acari: Tetranychidae) in cotton. <i>Australian Journal of Entomology</i> , 1999, 38, 30-33.	1.1	9
42	Organophosphate resistance in spider mites (Acari: Tetranychidae) from cotton in Australia. <i>Experimental and Applied Acarology</i> , 1998, 22, 17-30.	0.7	60
43	Title is missing!. <i>Experimental and Applied Acarology</i> , 1998, 22, 553-558.	0.7	16
44	Title is missing!. , 1998, 22, 633-641.		45
45	Influence of spray volume and oil concentration on the efficacy of petroleum spray oil against <i>Myzus persicae</i> (Sulzer) (Hemiptera: Aphididae). <i>Australian Journal of Entomology</i> , 1998, 37, 70-73.	1.1	11
46	DEMANIR, a simulation model of insecticide resistance development and management. <i>Mathematics and Computers in Simulation</i> , 1997, 43, 243-250.	2.4	4
47	Title is missing!. <i>Experimental and Applied Acarology</i> , 1997, 21, 163-169.	0.7	14
48	Relationships between insecticide use, grain hygiene and insecticide resistance in <i>Oryzaephilus surinamensis</i> (L.) (Coleoptera: Silvanidae) on grain-producing farms. <i>Journal of Stored Products Research</i> , 1996, 32, 131-136.	1.2	16
49	A laboratory-based method to measure relative pesticide and spray oil efficacy against broad mite, <i>Polyphagotarsonemus latus</i> (Banks) (Acari: Tarsonemidae). <i>Experimental and Applied Acarology</i> , 1996, 20, 495-502.	0.7	16
50	Laboratory-Based, Insecticide Efficacy Studies on Field-Collected <i>Frankliniella occidentalis</i> (Pergande) (Thysanoptera: Thripidae) and Implications for its Management in Australia. <i>Australian Journal of Entomology</i> , 1996, 35, 161-164.	1.1	29
51	Potter Spray Tower Bioassay of Selected Citrus Pests to Petroleum Spray Oil. <i>Australian Journal of Entomology</i> , 1995, 34, 255-263.	1.1	27
52	Relationship Between Insecticide-Acaricide Resistance and Field Control in <i>Tetranychus urticae</i> (Acari: Tj ETQq0 0 0 rgBT /Overlock 10 T	0.8	23
53	Genetics of hexythiazox resistance in two spotted spider mite, <i>Tetranychus urticae</i> Koch. <i>Experimental and Applied Acarology</i> , 1993, 17, 423-431.	0.7	24
54	Clofentezine and hexythiazox resistance in <i>Tetranychus urticae</i> Koch in Australia. <i>Experimental and Applied Acarology</i> , 1993, 17, 433-440.	0.7	57

#	ARTICLE	IF	CITATIONS
55	The Effect of Host Stage and Temperature On the Development of Hexameris Sp. (Nematoda:) Tj ETQq1 1 0.784314 rgBT /Overlock	0.2	4