

William Rodney Cooper

List of Publications by Year in descending order

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81
papers

1,597
citations

331670

21
h-index

361022

35
g-index

81
all docs

81
docs citations

81
times ranked

1394
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Jasmonate-Induced Defenses on Root-Knot Nematode Infection of Resistant and Susceptible Tomato Cultivars. <i>Journal of Chemical Ecology</i> , 2005, 31, 1953-1967.	1.8	128
2	ACQUIRED AND R-GENE-MEDIATED RESISTANCE AGAINST THE POTATO APHID IN TOMATO. <i>Journal of Chemical Ecology</i> , 2004, 30, 2527-2542.	1.8	97
3	Effects of jasmonate-induced defenses in tomato on the potato aphid, <i>Macrosiphum euphorbiae</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2005, 115, 107-115.	1.4	93
4	Salivary Proteins of Russian Wheat Aphid (Hemiptera: Aphididae). <i>Environmental Entomology</i> , 2010, 39, 223-231.	1.4	86
5	Community Associates of an Exotic Gallmaker, <i>Dryocosmus kuriphilus</i> (Hymenoptera: Tj ETQq1 1 0.784314 rgBT /Ove 236-244.	2.5	76
6	Comparisons of Salivary Proteins From Five Aphid (Hemiptera: Aphididae) Species. <i>Environmental Entomology</i> , 2011, 40, 151-156.	1.4	66
7	Latent Period and Transmission of 'Candidatus <i>Liberibacter solanacearum</i> ' by the Potato Psyllid <i>Bactericera cockerelli</i> (Hemiptera: Triozidae). <i>PLoS ONE</i> , 2014, 9, e93475.	2.5	57
8	Localization of 'Candidatus <i>Liberibacter solanacearum</i> ' (Rhizobiales: Rhizobiaceae) in <i>Bactericera cockerelli</i> (Hemiptera: Triozidae). <i>Annals of the Entomological Society of America</i> , 2014, 107, 204-210.	2.5	48
9	Use of Electrical Penetration Graph Technology to Examine Transmission of 'Candidatus <i>Liberibacter solanacearum</i> '™ to Potato by Three Haplotypes of Potato Psyllid (<i>Bactericera cockerelli</i> ; Hemiptera: Tj ETQq1 1 0.784314 rgBT /Ove	2.5	48
10	Gall Structure Affects Ecological Associations of <i>Dryocosmus kuriphilus</i> (Hymenoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 382	1.4	40
11	A New Problem and Old Questions: Potato Psyllid in the Pacific Northwest. <i>American Entomologist</i> , 2015, 61, 234-244.	0.2	35
12	Host and Non-host 'Whistle Stops'™ for Psyllids: Molecular Gut Content Analysis by High-Throughput Sequencing Reveals Landscape-Level Movements of Psylloidea (Hemiptera). <i>Environmental Entomology</i> , 2019, 48, 554-566.	1.4	35
13	CRISPR/Cas9 Editing of the Codling Moth (Lepidoptera: Tortricidae) CpomOR1 Gene Affects Egg Production and Viability. <i>Journal of Economic Entomology</i> , 2017, 110, 1847-1855.	1.8	33
14	A native and an introduced parasitoid utilize an exotic gall-maker host. <i>BioControl</i> , 2011, 56, 725-734.	2.0	31
15	<i>Wolbachia</i> Infection Differs Among Divergent Mitochondrial Haplotypes of <i>Bactericera cockerelli</i> (Hemiptera: Triozidae). <i>Annals of the Entomological Society of America</i> , 2015, 108, 137-145.	2.5	31
16	Association of Potato Psyllid (<i>Bactericera cockerelli</i> ; Hemiptera: Triozidae) with <i>Lycium</i> spp. (Solanaceae) in Potato Growing Regions of Washington, Idaho, and Oregon. <i>American Journal of Potato Research</i> , 2017, 94, 490-499.	0.9	28
17	Role of 'Candidatus <i>Liberibacter solanacearum</i> '™ and <i>Bactericera cockerelli</i> Haplotypes in Zebra Chip Incidence and Symptom Severity. <i>American Journal of Potato Research</i> , 2018, 95, 709-719.	0.9	27
18	The Weed Link in Zebra Chip Epidemiology: Suitability of Non-crop Solanaceae and Convolvulaceae to Potato Psyllid and 'Candidatus <i>Liberibacter Solanacearum</i> '. <i>American Journal of Potato Research</i> , 2019, 96, 262-271.	0.9	26

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19	Salivary Proteins of <i>Lygus hesperus</i> (Hemiptera: Miridae). <i>Annals of the Entomological Society of America</i> , 2013, 106, 86-92.	2.5	25
20	Gut Content Analysis of a Phloem-Feeding Insect, <i>Bactericera cockerelli</i> (Hemiptera: Triozidae). <i>Environmental Entomology</i> , 2016, 45, 938-944.	1.4	25
21	Interhaplotype Fertility and Effects of Host Plant on Reproductive Traits of Three Haplotypes of <i>Bactericera cockerelli</i> (Hemiptera: Triozidae). <i>Environmental Entomology</i> , 2015, 44, 300-308.	1.4	22
22	Survival and development of potato psyllid (Hemiptera: Triozidae) on Convolvulaceae: Effects of a plant-fungus symbiosis (<i>Periglandula</i>). <i>PLoS ONE</i> , 2018, 13, e0201506.	2.5	22
23	Characterization of Eight Russian Wheat Aphid (Hemiptera: Aphididae) Biotypes Using Two-Category Resistant-Susceptible Plant Responses. <i>Journal of Economic Entomology</i> , 2014, 107, 1274-1283.	1.8	19
24	â€œ <i>Candidatus Liberibacter solanacearum</i> â€•Associated With the Psyllid, <i>Bactericera maculipennis</i> (Hemiptera: Triozidae). <i>Environmental Entomology</i> , 2017, 46, nww174.	1.4	17
25	Horizontal Transmission of "Candidatus <i>Liberibacter solanacearum</i> " by <i>Bactericera cockerelli</i> (Hemiptera: Triozidae) on <i>Convolvulus</i> and <i>Ipomoea</i> (Solanales: Convolvulaceae). <i>PLoS ONE</i> , 2015, 10, e0142734.	2.5	17
26	Differential responses in American (<i>Castanea dentata</i> Marshall) and Chinese (<i>C. mollissima</i> Blume) chestnut (Fales: Fagaceae) to foliar application of jasmonic acid. <i>Chemoecology</i> , 2008, 18, 121-127.	1.1	16
27	Woody Stem Galls Interact With Foliage to Affect Community Associations. <i>Environmental Entomology</i> , 2009, 38, 417-424.	1.4	16
28	Variation in <i>Bactericera cockerelli</i> (Hemiptera: Triozidae) Oviposition, Survival, and Development on <i>Solanum bulbocastanum</i> Germplasm. <i>American Journal of Potato Research</i> , 2014, 91, 532-537.	0.9	16
29	The Artificial Sweetener, Erythritol, Has Insecticidal Properties Against Pear Psylla (Hemiptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 15	1.8	15
30	Improving Suppression of Hemipteran Vectors and Bacterial Pathogens of Citrus and Solanaceous Plants: Advances in Antisense Oligonucleotides (FANA). <i>Frontiers in Agronomy</i> , 2021, 3, .	3.3	15
31	Cyclical Parthenogenetic Reproduction in the Russian Wheat Aphid (Hemiptera: Aphididae) in the United States: Sexual Reproduction and Its Outcome on Biotypic Diversity. <i>Journal of Economic Entomology</i> , 2012, 105, 1057-1068.	1.8	14
32	Temperature-Dependent Reproductive Development of <i>Lygus hesperus</i> (Hemiptera: Miridae). <i>Environmental Entomology</i> , 2012, 41, 941-949.	1.4	14
33	Brown marmorated stink bug, <i>Halyomorpha halys</i> (Hemiptera: Pentatomidae), detections in Western Sydney, New South Wales, Australia. <i>Austral Entomology</i> , 2019, 58, 857-865.	1.4	14
34	Laboratory Studies of Variations in Feeding Behaviors Among <i>Lygus hesperus</i> (Hemiptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 13	1.4	13
35	Temperature Dependent Development of <i>Lygus hesperus</i> (Hemiptera: Miridae) Nymphs. <i>Journal of Economic Entomology</i> , 2012, 105, 860-865.	1.8	13
36	Feeding Injury to Cotton Caused by <i>Lygus hesperus</i> (Hemiptera: Miridae) Nymphs and Prereproductive Adults. <i>Environmental Entomology</i> , 2013, 42, 967-972.	1.4	13

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37	New Geographic Records for the Nearctic Psyllid <i>Bactericera maculipennis</i> (Crawford) with Biological Notes and Descriptions of the Egg and Fifth-Instar Nymph (Hemiptera: Psylloidea: Triozidae). <i>Proceedings of the Entomological Society of Washington</i> , 2017, 119, 191.	0.2	13
38	First Report of Curly Top of <i>Coriandrum sativum</i> Caused by Beet curly top virus in the Columbia Basin of Washington State. <i>Plant Disease</i> , 2021, 105, 3313.	1.4	13
39	Bacterial Endosymbionts of the Psyllid <i>Cacopsylla pyricola</i> (Hemiptera: Psyllidae) in the Pacific Northwestern United States. <i>Environmental Entomology</i> , 2017, 46, 393-402.	1.4	12
40	Survival and Feeding Rates of Four Aphid Species (Hemiptera: Aphididae) on Various Sucrose Concentrations in Diets. <i>Journal of Economic Entomology</i> , 2017, 110, 1518-1524.	1.8	12
41	Limoniiic Acid and Its Analog as Trap Lures for Pest <i>Limonius</i> Species (Coleoptera: Elateridae) in North America. <i>Journal of Economic Entomology</i> , 2021, 114, 2108-2120.	1.8	12
42	External Visibility of Spermatophores as an Indicator of Mating Status of <i>Lygus hesperus</i> (Hemiptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.8	11
43	Temperature-Dependent Egg Development of <i>Lygus hesperus</i> (Hemiptera: Miridae). <i>Journal of Economic Entomology</i> , 2013, 106, 124-130.	1.8	11
44	Elicitors of Host Plant Defenses Partially Suppress <i>Cacopsylla pyricola</i> (Hemiptera: Psyllidae) Populations Under Field Conditions. <i>Journal of Insect Science</i> , 2017, 17, .	1.5	11
45	Growth and Yield Performance of <i>Solanum tuberosum</i> Grown from Seed Potatoes Infected with <i>Candidatus</i> <i>Liberibacter solanacearum</i> ™ Haplotypes A and B. <i>Plant Disease</i> , 2020, 104, 688-693.	1.4	11
46	Susceptibility of <i>Physalis longifolia</i> (Solanales: Solanaceae) to <i>Bactericera cockerelli</i> (Hemiptera: Triozidae) and <i>Candidatus</i> <i>Liberibacter solanacearum</i> ™. <i>Journal of Economic Entomology</i> , 2020, 113, 2595-2603.	1.8	11
47	Injury to Cotton by Adult <i>Lygus hesperus</i> (Hemiptera: Miridae) of Different Gender and Reproductive States. <i>Environmental Entomology</i> , 2012, 41, 342-348.	1.4	10
48	Effects of elicitors of host plant defenses on pear psylla, <i>Cacopsylla pyricola</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2015, 157, 300-306.	1.4	10
49	Relationship Between Plant Vascular Architecture and Within-Plant Distribution of <i>Candidatus</i> <i>Liberibacter solanacearum</i> ™ in Potato. <i>American Journal of Potato Research</i> , 2015, 92, 91-99.	0.9	10
50	<i>Candidatus</i> <i>Liberibacter solanacearum</i> ™ Infection of <i>Physalis ixocarpa</i> Brot. (Solanales: Tj ETQq0 0 0 rgBT /Overlock	1.4	10
51	Bacterial Endosymbionts of <i>Bactericera maculipennis</i> and Three Mitochondrial Haplotypes of <i>B. cockerelli</i> (Hemiptera: Psylloidea: Triozidae). <i>Environmental Entomology</i> , 2022, 51, 94-107.	1.4	10
52	Whence and Whither the Convolvulus Psyllid? An Invasive Plant Leads to Diet and Range Expansion by a Native Insect Herbivore. <i>Annals of the Entomological Society of America</i> , 2019, 112, 249-264.	2.5	9
53	Directed Sequencing of Plant Specific DNA Identifies the Dietary History of Four Species of Auchenorrhyncha (Hemiptera). <i>Annals of the Entomological Society of America</i> , 2022, 115, 275-284.	2.5	9
54	A comprehensive review of zebra chip disease in potato and its management through breeding for resistance/tolerance to <i>Candidatus</i> <i>Liberibacter solanacearum</i> ™ and its insect vector. <i>Pest Management Science</i> , 2022, 78, 3731-3745.	3.4	9

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55	Temperature-Dependent Survival of Adult <i>Lygus hesperus</i> (Hemiptera: Miridae). <i>Environmental Entomology</i> , 2015, 44, 808-813.	1.4	8
56	Variation in Susceptibility to Potato Psyllid, <i>Bactericera cockerelli</i> (Hemiptera: Triozidae), among <i>Solanum verrucosum</i> Germplasm Accessions. <i>American Journal of Potato Research</i> , 2016, 93, 386-391.	0.9	8
57	New North American Records for the Old World Psyllid <i>Heterotrioza chenopodii</i> (Reuter) (Hemiptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 142 Td Washington, 2018, 120, 134-152.	0.2	8
58	Characterizing Zebra Chip Symptom Severity and Identifying Spectral Signatures Associated with <i>Candidatus Liberibacter solanacearum</i> TM -Infected Potato Tubers. <i>American Journal of Potato Research</i> , 2018, 95, 584-596.	0.9	8
59	Revealing the Diet of Generalist Insect Predators in Strawberry Fields: Not Only Pests, But Other Predators Beware. <i>Environmental Entomology</i> , 2020, 49, 1300-1306.	1.4	8
60	<i>Candidatus</i> <i>Phytoplasma pyri</i> Affects Behavior of <i>Cacopsylla pyricola</i> (Hemiptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Td (Hemiptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Td)	0.3	7
61	The Venom Compound N-(3-methylbutyl)acetamide Attracts Several <i>Polistes</i> (<i>Fuscopolistes</i>) Species (Hymenoptera: Vespidae). <i>Journal of Economic Entomology</i> , 2020, 113, 1073-1079.	1.8	7
62	Relative Abundance of <i>Carsonella ruddii</i> (Gamma Proteobacterium) in Females and Males of <i>Cacopsylla pyricola</i> (Hemiptera: Psyllidae) and <i>Bactericera cockerelli</i> (Hemiptera: Triozidae). <i>Journal of Insect Science</i> , 2015, 15, 65-65.	1.5	6
63	Association of <i>Bactericera cockerelli</i> (Hemiptera: Triozidae) With the Perennial Weed <i>Physalis longifolia</i> (Solanales: Solanaceae) in the Potato-Growing Regions of Western Idaho. <i>Environmental Entomology</i> , 2021, 50, 1416-1424.	1.4	6
64	Host Associations and Incidence of <i>Diuraphis</i> spp. in the Rocky Mountain Region of the United States, and Pictorial Key for Their Identification. <i>Journal of Economic Entomology</i> , 2010, 103, 1875-1885.	1.8	5
65	Relative attractiveness of colour traps to pear psylla in relation to seasonal changes in pear phenology. <i>Canadian Entomologist</i> , 2010, 142, 188-191.	0.8	5
66	Oviposition Behaviors and Ontogenetic Embryonic Characteristics of the Western Tarnished Plant Bug, <i>Lygus hesperus</i> . <i>Journal of Insect Science</i> , 2012, 12, 1-11.	1.5	5
67	Potential Transmission of <i>Pantoea</i> spp. and <i>Serratia marcescens</i> (Enterobacteriales: Enterobacteriaceae) to Plants by <i>Lygus hesperus</i> (Hemiptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 142 Td (Hemiptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 142 Td)	1.4	4
68	Mortality of Potato Psyllid (Hemiptera: Triozidae) on Host Clippings Inoculated With Ergot Alkaloids. <i>Journal of Economic Entomology</i> , 2020, 113, 2079-2085.	1.8	4
69	Stylet Probing Behavior of Two <i>Bactericera</i> (Hemiptera: Psylloidea: Triozidae) Species on Host and Nonhost Plants. <i>Environmental Entomology</i> , 2021, 50, 919-928.	1.4	4
70	Host Plant Signal Persistence in the Gut of the Brown Marmorated Stink Bug (Hemiptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Td (Hemiptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Td)	1.4	4
71	Among-Sampler Variation in Sweep Net Samples of Adult <i>Lygus hesperus</i> (Hemiptera: Miridae) in Cotton. <i>Journal of Economic Entomology</i> , 2011, 104, 685-692.	1.8	3
72	Response by <i>Lygus hesperus</i> (Hemiptera: Miridae) Adults to Salivary Preconditioning of Cotton Squares. <i>Journal of Entomological Science</i> , 2013, 48, 261-264.	0.3	3

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73	Gender- and Species-Specific Characteristics of Bacteriomes from Three Psyllid Species (Hemiptera: TJ ETQq1 1 0.784314 rgBT /Overl	0.3	3
74	Crude Extracts and Alkaloids Derived from Ipomoea-Periglandula Symbiotic Association Cause Mortality of Asian Citrus Psyllid <i>Diaphorina citri</i> Kuwayama (Hemiptera: Psyllidae). <i>Insects</i> , 2021, 12, 929.	2.2	3
75	Disinfestation of <i>Beauveria bassiana</i> from Adult <i>Lygus hesperus</i> Using Ultraviolet-C Radiation. <i>Southwestern Entomologist</i> , 2012, 37, 449-457.	0.2	2
76	Matryoshka: A New Floral Mutant in Wild Potato. <i>American Journal of Potato Research</i> , 2014, 91, 500-503.	0.9	2
77	Collection of Salivary Proteins of Psyllids (Hemiptera: Psylloidea). <i>Journal of Entomological Science</i> , 2017, 52, 201-206.	0.3	2
78	Prototype 3D-Printed Traps Capture <i>Bactericera cockerelli</i> (Åulc) (Hemiptera: Triozidae) Directly into Preservative for Improved Detection of <i>Candidatus Liberibacter solanacearum</i> . <i>Journal of Entomological Science</i> , 2020, 55, 147.	0.3	2
79	Molecular Advances in Larval Fruit Moth Identification to Facilitate Fruit Export From Western United States Under Systems Approaches. <i>Annals of the Entomological Society of America</i> , 0, , .	2.5	1
80	Test of plant defense elicitors for arthropod pest suppression and <i>PRâ€1</i> gene induction in pear orchards. <i>Entomologia Experimentalis Et Applicata</i> , 2021, 169, 1137-1146.	1.4	1
81	Sweepnet Captures of <i>Lygus hesperus</i> (Hemiptera: Miridae) Adult Genders and Age-Classes in Cotton. <i>Journal of Entomological Science</i> , 2013, 48, 195-205.	0.3	0