William Rodney Cooper

List of Publications by Year
in descending order

81	1,597	331670 21	361022 35
papers	citations	h-index	g-index

81	81	81	1394
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Bacterial Endosymbionts of Bactericera maculipennis and Three Mitochondrial Haplotypes of B. cockerelli (Hemiptera: Psylloidea: Triozidae). Environmental Entomology, 2022, 51, 94-107.	1.4	10
2	Directed Sequencing of Plant Specific DNA Identifies the Dietary History of Four Species of Auchenorrhyncha (Hemiptera). Annals of the Entomological Society of America, 2022, 115, 275-284.	2.5	9
3	A comprehensive review of zebra chip disease in potato and its management through breeding for resistance/tolerance to â€˜Candidatus Liberibacter solanacearumâ€™ and its insect vector. Pest Management Science, 2022, 78, 3731-3745.	3.4	9
4	â€˜Candidatus Liberibacter solanacearumâ€™ Infection of Physalis ixocarpa Brot. (Solanales:) Tj ETQq0 0 0 rgBT /Overlock	1.4	10
5	First Report of Curly Top of Coriandrum sativum Caused by Beet curly top virus in the Columbia Basin of Washington State. Plant Disease, 2021, 105, 3313.	1.4	13
6	Stylet Probing Behavior of Two Bactericera (Hemiptera: Psylloidea: Triozidae) Species on Host and Nonhost Plants. Environmental Entomology, 2021, 50, 919-928.	1.4	4
7	Improving Suppression of Hemipteran Vectors and Bacterial Pathogens of Citrus and Solanaceous Plants: Advances in Antisense Oligonucleotides (FANA). Frontiers in Agronomy, 2021, 3, .	3.3	15
8	Association of Bactericera cockerelli (Hemiptera: Triozidae) With the Perennial Weed Physalis longifolia (Solanales: Solanaceae) in the Potato-Growing Regions of Western Idaho. Environmental Entomology, 2021, 50, 1416-1424.	1.4	6
9	Limoniic Acid and Its Analog as Trap Lures for PestLimoniusSpecies (Coleoptera: Elateridae) in North America. Journal of Economic Entomology, 2021, 114, 2108-2120.	1.8	12
10	Test of plant defense elicitors for arthropod pest suppression and PRâ€1 gene induction in pear orchards. Entomologia Experimentalis Et Applicata, 2021, 169, 1137-1146.	1.4	1
11	Crude Extracts and Alkaloids Derived from Ipomoea-Periglandula Symbiotic Association Cause Mortality of Asian Citrus Psyllid Diaphorina citri Kuwayama (Hemiptera: Psyllidae). Insects, 2021, 12, 929.	2.2	3
12	Host Plant Signal Persistence in the Gut of the Brown Marmorated Stink Bug (Hemiptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td	1.4	4
13	Growth and Yield Performance of Solanum tuberosum Grown from Seed Potatoes Infected with â€˜Candidatus Liberibacter solanacearumâ€™ Haplotypes A and B. Plant Disease, 2020, 104, 688-693.	1.4	11
14	Susceptibility of Physalis longifolia (Solanales: Solanaceae) to Bactericera cockerelli (Hemiptera: Triozidae) and â€˜Candidatus Liberibacter solanacearumâ€™. Journal of Economic Entomology, 2020, 113, 2595-2603.	1.8	11
15	Mortality of Potato Psyllid (Hemiptera: Triozidae) on Host Clippings Inoculated With Ergot Alkaloids. Journal of Economic Entomology, 2020, 113, 2079-2085.	1.8	4
16	The Venom Compound N-(3-methylbutyl)acetamide Attracts Several Polistes (Fuscopolistes) Species (Hymenoptera: Vespidae). Journal of Economic Entomology, 2020, 113, 1073-1079.	1.8	7
17	Revealing the Diet of Generalist Insect Predators in Strawberry Fields: Not Only Pests, But Other Predators Beware. Environmental Entomology, 2020, 49, 1300-1306.	1.4	8
18	The Artificial Sweetener, Erythritol, Has Insecticidal Properties Against Pear Psylla (Hemiptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62	1.8	15

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19	Prototype 3D-Printed Traps Capture Bactericera cockerelli (Åulc) (Hemiptera: Triozidae) Directly into Preservative for Improved Detection of â€œCandidatus Liberibacter solanacearumâ€• Journal of Entomological Science, 2020, 55, 147.	0.3	2
20	Brown marmorated stink bug, <scp>Halyomorpha halys</scp> (Hemiptera: Pentatomidae), detections in Western Sydney, New South Wales, Australia. Austral Entomology, 2019, 58, 857-865.	1.4	14
21	The Weed Link in Zebra Chip Epidemiology: Suitability of Non-crop Solanaceae and Convolvulaceae to Potato Psyllid and â€œCandidatus Liberibacter Solanacearumâ€• American Journal of Potato Research, 2019, 96, 262-271.	0.9	26
22	Whence and Whither the Convolvulus Psyllid? An Invasive Plant Leads to Diet and Range Expansion by a Native Insect Herbivore. Annals of the Entomological Society of America, 2019, 112, 249-264.	2.5	9
23	Host and Non-host â€˜Whistle Stopsâ€™ for Psyllids: Molecular Gut Content Analysis by High-Throughput Sequencing Reveals Landscape-Level Movements of Psylloidea (Hemiptera). Environmental Entomology, 2019, 48, 554-566.	1.4	35
24	New North American Records for the Old World Psyllid Heterotrioza chenopodii (Reuter) (Hemiptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Washington, 2018, 120, 134-152.	0.2	8
25	Survival and development of potato psyllid (Hemiptera: Triozidae) on Convolvulaceae: Effects of a plant-fungus symbiosis (Periglandula). PLoS ONE, 2018, 13, e0201506.	2.5	22
26	â€œCandidatusPhytoplasma pyriâ€•Affects Behavior ofCacopsylla pyricola(Hemiptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.3	7
27	Characterizing Zebra Chip Symptom Severity and Identifying Spectral Signatures Associated with â€˜Candidatus Liberibacter solanacearumâ€™-Infected Potato Tubers. American Journal of Potato Research, 2018, 95, 584-596.	0.9	8
28	Role of â€˜Candidatus Liberibacter solanacearumâ€™ and Bactericera cockerelli Haplotypes in Zebra Chip Incidence and Symptom Severity. American Journal of Potato Research, 2018, 95, 709-719.	0.9	27
29	â€œCandidatusLiberibacter solanacearumâ€•Associated With the Psyllid,Bactericera maculipennis(Hemiptera: Triozidae). Environmental Entomology, 2017, 46, nvw174.	1.4	17
30	Collection of Salivary Proteins of Psyllids (Hemiptera: Psylloidea). Journal of Entomological Science, 2017, 52, 201-206.	0.3	2
31	Bacterial Endosymbionts of the Psyllid Cacopsylla pyricola (Hemiptera: Psyllidae) in the Pacific Northwestern United States. Environmental Entomology, 2017, 46, 393-402.	1.4	12
32	CRISPR/Cas9 Editing of the Codling Moth (Lepidoptera: Tortricidae) CpomOR1 Gene Affects Egg Production and Viability. Journal of Economic Entomology, 2017, 110, 1847-1855.	1.8	33
33	New Geographic Records for the Nearctic Psyllid Bactericera maculipennis (Crawford) with Biological Notes and Descriptions of the Egg and Fifth-Instar Nymph (Hemiptera: Psylloidea: Triozidae). Proceedings of the Entomological Society of Washington, 2017, 119, 191.	0.2	13
34	Survival and Feeding Rates of Four Aphid Species (Hemiptera: Aphididae) on Various Sucrose Concentrations in Diets. Journal of Economic Entomology, 2017, 110, 1518-1524.	1.8	12
35	Association of Potato Psyllid (Bactericera cockerelli; Hemiptera: Triozidae) with Lycium spp. (Solanaceae) in Potato Growing Regions of Washington, Idaho, and Oregon. American Journal of Potato Research, 2017, 94, 490-499.	0.9	28
36	Elicitors of Host Plant Defenses Partially Suppress Cacopsylla pyricola (Hemiptera: Psyllidae) Populations Under Field Conditions. Journal of Insect Science, 2017, 17, .	1.5	11

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37	Variation in Susceptibility to Potato Psyllid, Bactericera cockerelli (Hemiptera: Triozidae), among Solanum verrucosum Germplasm Accessions. American Journal of Potato Research, 2016, 93, 386-391.	0.9	8
38	Gut Content Analysis of a Phloem-Feeding Insect,Bactericera cockerelli(Hemiptera: Triozidae). Environmental Entomology, 2016, 45, 938-944.	1.4	25
39	Effects of elicitors of host plant defenses on pear psylla, <scp>C</scp>acopsylla pyricola. Entomologia Experimentalis Et Applicata, 2015, 157, 300-306.	1.4	10
40	Use of Electrical Penetration Graph Technology to Examine Transmission of â€˜Candidatus Liberibacter solanacearumâ€™ to Potato by Three Haplotypes of Potato Psyllid (Bactericera cockerelli; Hemiptera:) Tj ETQq0 0 0 rgBT /Overlock 10 T	2.5	41
41	Wolbachia Infection Differs Among Divergent Mitochondrial Haplotypes of Bactericera cockerelli (Hemiptera: Triozidae). Annals of the Entomological Society of America, 2015, 108, 137-145.	2.5	31
42	A New Problem and Old Questions: Potato Psyllid in the Pacific Northwest. American Entomologist, 2015, 61, 234-244.	0.2	35
43	Relative Abundance of Carsonella ruddii (Gamma Proteobacterium) in Females and Males of Cacopsylla pyricola (Hemiptera: Psyllidae) and Bactericera cockerelli (Hemiptera: Triozidae). Journal of Insect Science, 2015, 15, 65-65.	1.5	6
44	Interhaplotype Fertility and Effects of Host Plant on Reproductive Traits of Three Haplotypes of Bactericera cockerelli (Hemiptera: Triozidae). Environmental Entomology, 2015, 44, 300-308.	1.4	22
45	Relationship Between Plant Vascular Architecture and Within-Plant Distribution of â€˜Candidatus Liberibacter solanacearumâ€™ in Potato. American Journal of Potato Research, 2015, 92, 91-99.	0.9	10
46	Temperature-Dependent Survival of Adult Lygus hesperus (Hemiptera: Miridae). Environmental Entomology, 2015, 44, 808-813.	1.4	8
47	Horizontal Transmission of "Candidatus Liberibacter solanacearum" by Bactericera cockerelli (Hemiptera: Triozidae) on Convolvulus and Ipomoea (Solanales: Convolvulaceae). PLoS ONE, 2015, 10, e0142734.	2.5	17
48	Latent Period and Transmission of â€œCandidatus Liberibacter solanacearumâ€•by the Potato Psyllid Bactericera cockerelli (Hemiptera: Triozidae). PLoS ONE, 2014, 9, e93475.	2.5	57
49	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	1.4	4
50	Matryoshka: A New Floral Mutant in Wild Potato. American Journal of Potato Research, 2014, 91, 500-503.	0.9	2
51	Localization of â€˜Candidatus Liberibacter solanacearum' (Rhizobiales: Rhizobiaceae) in Bactericera cockerelli (Hemiptera: Triozidae). Annals of the Entomological Society of America, 2014, 107, 204-210.	2.5	48
52	Characterization of Eight Russian Wheat Aphid (Hemiptera: Aphididae) Biotypes Using Two-Category Resistant-Susceptible Plant Responses. Journal of Economic Entomology, 2014, 107, 1274-1283.	1.8	19
53	Variation in Bactericera cockerelli (Hemiptera: Triozidae) Oviposition, Survival, and Development on Solanum bulbocastanum Germplasm. American Journal of Potato Research, 2014, 91, 532-537.	0.9	16
54	Gender- and Species-Specific Characteristics of Bacteriomes from Three Psyllid Species (Hemiptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.3	3

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55	Salivary Proteins ofLygus hesperus(Hemiptera: Miridae). Annals of the Entomological Society of America, 2013, 106, 86-92.	2.5	25
56	Temperature-Dependent Egg Development of <I>Lygus hesperus</I> (Hemiptera: Miridae). Journal of Economic Entomology, 2013, 106, 124-130.	1.8	11
57	Feeding Injury to Cotton Caused byLygus hesperus(Hemiptera: Miridae) Nymphs and Prereproductive Adults. Environmental Entomology, 2013, 42, 967-972.	1.4	13
58	Sweepnet Captures of Lygus hesperus (Hemiptera: Miridae) Adult Genders and Age-Classes in Cotton. Journal of Entomological Science, 2013, 48, 195-205.	0.3	0
59	Response by Lygus hesperus (Hemiptera: Miridae) Adults to Salivary Preconditioning of Cotton Squares. Journal of Entomological Science, 2013, 48, 261-264.	0.3	3
60	Temperature Dependent Development of <I>Lygus hesperus</I> (Hemiptera: Miridae) Nymphs. Journal of Economic Entomology, 2012, 105, 860-865.	1.8	13
61	Cyclical Parthenogenetic Reproduction in the Russian Wheat Aphid (Hemiptera: Aphididae) in the United States: Sexual Reproduction and Its Outcome on Biotypic Diversity. Journal of Economic Entomology, 2012, 105, 1057-1068.	1.8	14
62	Temperature-Dependent Reproductive Development ofLygus hesperus(Hemiptera: Miridae). Environmental Entomology, 2012, 41, 941-949.	1.4	14
63	Injury to Cotton by Adult <I>Lygus hesperus</I> (Hemiptera: Miridae) of Different Gender and Reproductive States. Environmental Entomology, 2012, 41, 342-348.	1.4	10
64	Oviposition Behaviors and Ontogenetic Embryonic Characteristics of the Western Tarnished Plant Bug,Lygus hesperus. Journal of Insect Science, 2012, 12, 1-11.	1.5	5
65	External Visibility of Spermatophores as an Indicator of Mating Status of Lygus hesperus (Hemiptera:) Tj ETQq1 1 0.784314 rgBT /Ove	0.3	11
66	Disinfestation ofBeauveria bassianafrom AdultLygus hesperus1Using Ultraviolet-C Radiation. Southwestern Entomologist, 2012, 37, 449-457.	0.2	2
67	A native and an introduced parasitoid utilize an exotic gall-maker host. BioControl, 2011, 56, 725-734.	2.0	31
68	Among-Sampler Variation in Sweep Net Samples of Adult Lygus hesperus (Hemiptera: Miridae) in Cotton. Journal of Economic Entomology, 2011, 104, 685-692.	1.8	3
69	Laboratory Studies of Variations in Feeding Behaviors Among <I>Lygus hesperus</I> (Hemiptera:) Tj ETQq1 1 0.784314 rgBT /Overloc	1.4	13
70	Comparisons of Salivary Proteins From Five Aphid (Hemiptera: Aphididae) Species. Environmental Entomology, 2011, 40, 151-156.	1.4	66
71	Host Associations and Incidence of Diuraphis spp. in the Rocky Mountain Region of the United States, and Pictorial Key for Their Identification. Journal of Economic Entomology, 2010, 103, 1875-1885.	1.8	5
72	Salivary Proteins of Russian Wheat Aphid (Hemiptera: Aphididae). Environmental Entomology, 2010, 39, 223-231.	1.4	86

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73	Relative attractiveness of colour traps to pear psylla in relation to seasonal changes in pear phenology. Canadian Entomologist, 2010, 142, 188-191.	0.8	5
74	Gall Structure Affects Ecological Associations ofDryocosmus kuriphilus(Hymenoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702	1.4	40
75	Woody Stem Galls Interact With Foliage to Affect Community Associations. Environmental Entomology, 2009, 38, 417-424.	1.4	16
76	Differential responses in American (Castanea dentata Marshall) and Chinese (C. mollissima Blume) chestnut (Falales: Fagaceae) to foliar application of jasmonic acid. Chemoecology, 2008, 18, 121-127.	1.1	16
77	Community Associates of an Exotic Gallmaker, <I>Dryocosmus kuriphilus</I> (Hymenoptera:) Tj ETQq1 1 0.784314 rgBT /O 236-244.	2.5	76
78	Effects of jasmonateâ€induced defenses in tomato on the potato aphid, Macrosiphum euphorbiae. Entomologia Experimentalis Et Applicata, 2005, 115, 107-115.	1.4	93
79	Effects of Jasmonate-Induced Defenses on Root-Knot Nematode Infection of Resistant and Susceptible Tomato Cultivars. Journal of Chemical Ecology, 2005, 31, 1953-1967.	1.8	128
80	ACQUIRED AND R-GENE-MEDIATED RESISTANCE AGAINST THE POTATO APHID IN TOMATO. Journal of Chemical Ecology, 2004, 30, 2527-2542.	1.8	97
81	Molecular Advances in Larval Fruit Moth Identification to Facilitate Fruit Export From Western United States Under Systems Approaches. Annals of the Entomological Society of America, 0, , .	2.5	1