

Silvia I Rondon

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

1,365
citations

394421

19
h-index

414414

32
g-index

84
all docs

84
docs citations

84
times ranked

939
citing authors

#	ARTICLE	IF	CITATIONS
1	OUP accepted manuscript. Journal of Economic Entomology, 2022, 115, 93-100.	1.8	1
2	OUP accepted manuscript. Journal of Economic Entomology, 2022, , .	1.8	0
3	Potato tuberworm. , 2022, , 149-166.		0
4	Ecological and evolutionary factors mitigating Colorado potato beetle adaptation to insecticides. , 2022, , 463-479.		2
5	Hemipterans, other than aphids and psyllids affecting potatoes worldwide. , 2022, , 167-187.		0
6	Latin America potato production. , 2022, , 317-330.		1
7	Selection for high levels of resistance to double-stranded RNA (dsRNA) in Colorado potato beetle (<i>Leptinotarsa decemlineata</i> Say) using non-transgenic foliar delivery. Scientific Reports, 2021, 11, 6523.	3.3	33
8	Identifying Resistance to the Colorado Potato Beetle (<i>Leptinotarsa decemlineata</i> Say) in Potato Germplasm: Review Update. Frontiers in Agronomy, 2021, 3, .	3.3	6
9	Physiological Responses of the Potato Tuberworm (<i>Phthorimaea operculella</i>) to Potato (<i>Solanum</i>) Tj ETQq1 1 0.784314 rgBT ₀ Overlo		
10	Baseline Susceptibility of <i>Leptinotarsa decemlineata</i> (Coleoptera: Chrysomelidae) to Commonly Used Insecticides in the Columbia Basin. Journal of Economic Entomology, 2021, 114, 2214-2219.	1.8	2
11	Vertical Distribution of Insect Pests Using Insect Towers Placed Near Potato Fields in the Lower Columbia Basin. Journal of Economic Entomology, 2021, 114, 180-186.	1.8	3
12	Host plants and <i>Wolbachia</i> shape the population genetics of sympatric herbivore populations. Evolutionary Applications, 2020, 13, 2740-2753.	3.1	13
13	Wireworm (Coleoptera: Elateridae) genomic analysis reveals putative cryptic species, population structure, and adaptation to pest control. Communications Biology, 2020, 3, 489.	4.4	21
14	Effects of <i>Candidatus Liberibacter Solanacearum</i> ™ Haplotype on Atlantic Potato Tuber Emergence Rate in South Texas. American Journal of Potato Research, 2020, 97, 489-496.	0.9	6
15	Seasonal Population Dynamics of Potato Psyllid (Hemiptera: Triozidae) in the Columbia River Basin. Environmental Entomology, 2020, 49, 974-982.	1.4	5
16	Seed Corn Maggot Control in Onions in the Columbia Basin. Arthropod Management Tests, 2020, 45, .	0.1	0
17	Landscape structure and climate drive population dynamics of an insect vector within intensely managed agroecosystems. Ecological Applications, 2020, 30, e02109.	3.8	13
18	Decoding <i>Phthorimaea operculella</i> (Lepidoptera: Gelechiidae) in the new age of change. Journal of Integrative Agriculture, 2020, 19, 316-324.	3.5	16

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19	Influence of Cultivar on Aphids (Hemiptera: Aphididae) and Associated Natural Enemies in Pakistani Wheat Ecosystems. Pakistan Journal of Zoology, 2020, 52, .	0.2	3
20	Effects of contemporary agricultural land cover on Colorado potato beetle genetic differentiation in the Columbia Basin and Central Sands. Ecology and Evolution, 2019, 9, 9385-9394.	1.9	17
21	First Report of the Presence of Slugs in a Commercial Potato Storage Facility in the United States. American Journal of Potato Research, 2019, 96, 414-418.	0.9	0
22	Captures of <i>Bactericera cockerelli</i> (Åulc) (Hemiptera: Triozidae) Adults Affected by the Presence of Volunteer Potatoes (<i>Solanum tuberosum</i> L.). American Journal of Potato Research, 2019, 96, 285-293.	0.9	0
23	Dispersal Potential of Ergot Spores by Insects Foraging in the Perennial Ryegrass Fields in the Columbia Basin of Oregon and Washington. Crop, Forage and Turfgrass Management, 2019, 5, 190020.	0.6	3
24	Patterns of genetic differentiation in Colorado potato beetle correlate with contemporary, not historic, potato land cover. Evolutionary Applications, 2019, 12, 804-814.	3.1	14
25	Molecular and Morphological Identifications Reveal Species Composition of <i>Lygus</i> (Hemiptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5 Economic Entomology, 2019, 112, 364-370.	1.8	6
26	Economic Impacts of Zebra Chip in Idaho, Oregon, and Washington. American Journal of Potato Research, 2018, 95, 362-367.	0.9	32
27	Effect of Potato virus Y Presence in <i>Solanum tuberosum</i> (Solanales: Solanaceae) and <i>Chenopodium album</i> on Aphid (Hemiptera: Aphididae) Behavior. Environmental Entomology, 2018, 47, 654-659.	1.4	5
28	Thrips <i>tabaci</i> (Thysanoptera: Thripidae) Control in the Columbia Basin of Oregon. Arthropod Management Tests, 2018, 43, .	0.1	1
29	The Journey of the Potato Tuberworm Around the World. , 2018, , .		9
30	Sub-lethal effects of <i>Beauveria bassiana</i> (Balsamo) on field populations of the potato tuberworm <i>Phthorimaea operculella</i> Zeller in China. Journal of Integrative Agriculture, 2018, 17, 911-918.	3.5	29
31	A Comparison of Resistance to Imidacloprid in Colorado Potato Beetle (<i>Leptinotarsa decemlineata</i> Say) Populations Collected in the Northwest and Midwest U.S.. American Journal of Potato Research, 2018, 95, 495-503.	0.9	28
32	Incidence of <i>Bactericera cockerelli</i> (Hemiptera: Triozidae) Under Different Pesticide Regimes in the Lower Columbia Basin. Journal of Economic Entomology, 2017, 110, 1639-1647.	1.8	11
33	Priming Potato with Thiamin to Control Potato Virus Y. American Journal of Potato Research, 2017, 94, 120-128.	0.9	7
34	Detection of potato beetle damage using remote sensing from small unmanned aircraft systems. Journal of Applied Remote Sensing, 2017, 11, 1.	1.3	31
35	Potential of a strain of <i>Beauveria bassiana</i> (Hypocreales: Cordycipitaceae) for the control of the potato tuberworm, <i>Phthorimaea operculella</i> (Zeller). International Journal of Pest Management, 2017, 63, 352-354.	1.8	11
36	Seasonality, richness and prevalence of intestinal parasites of three neotropical primates (<i>Alouatta</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Journal for Parasitology: Parasites and Wildlife, 2017, 6, 202-208.	1.5	15

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37	Spatial and Temporal Dynamics of Aphids (Hemiptera: Aphididae) in the Columbia Basin and Northeastern Oregon. <i>Journal of Economic Entomology</i> , 2017, 110, 1899-1910.	1.8	11
38	Effect of Planting Depth and Irrigation Regimes on Potato Tuberworm (Lepidoptera: Gelechiidae) Damage Under Central Pivot Irrigation in the Lower Columbia Basin. <i>Journal of Economic Entomology</i> , 2017, 110, 2483-2489.	1.8	5
39	Lygus Control in Potato, 2016*. <i>Arthropod Management Tests</i> , 2017, 42, .	0.1	0
40	Entomological characterization of malaria in northern Colombia through vector and parasite species identification, and analyses of spatial distribution and infection rates. <i>Malaria Journal</i> , 2017, 16, 431.	2.3	8
41	Effect of Plant Essential Oils against <i>Rhopalosiphum padi</i> on Wheat and Barley. <i>Natural Product Communications</i> , 2017, 12, 1934578X1701200.	0.5	4
42	Potato Psyllid (Hemiptera: Triozidae) Response to Insecticides Under Controlled Greenhouse Conditions. <i>Journal of Economic Entomology</i> , 2016, 110, tow259.	1.8	7
43	Characterization of <i>Beet curly top virus</i> Strains Circulating in Beet Leafhoppers (Hemiptera: Tj ETQq1 1 0.784314 rgBT /Overlock 1.4 15	1.4	15
44	Monitoring and Controlling the Beet Leafhopper <i>Circulifer tenellus</i> in the Columbia Basin. <i>American Journal of Potato Research</i> , 2016, 93, 80-85.	0.9	10
45	Insect detection and nitrogen management for irrigated potatoes using remote sensing from small unmanned aircraft systems. <i>Proceedings of SPIE</i> , 2016, , .	0.8	9
46	Categorization of Putative Factors Against <i>Rhopalosiphum padi</i> (L.) (Heteroptera: Aphididae). <i>Journal of Economic Entomology</i> , 2016, 109, 439-444.	1.8	3
47	Assessment of Potato Psyllid <i>Bactericera cockerelli</i> (Hemiptera: Triozidae) and Zebra Chip Disease in Four Commercial Potato Varieties in the Columbia Basin. <i>American Journal of Potato Research</i> , 2015, 92, 483-490.	0.9	8
48	A New Problem and Old Questions: Potato Psyllid in the Pacific Northwest. <i>American Entomologist</i> , 2015, 61, 234-244.	0.2	35
49	High-Fidelity PCR Improves the Detection of <i>Candidatus Liberibacter solanacearum</i> ™ in Potato Tubers. <i>American Journal of Potato Research</i> , 2015, 92, 451-454.	0.9	4
50	Factors affecting flight capacity of brown marmorated stink bug, <i>Halyomorpha halys</i> (Hemiptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.7	107
51	Electronically Monitored Labial Dabbing and Stylet <i>Probing</i> ™ Behaviors of Brown Marmorated Stink Bug, <i>Halyomorpha halys</i> , in Simulated Environments. <i>PLoS ONE</i> , 2014, 9, e113514.	2.5	14
52	Assessing Potato Psyllid Haplotypes in Potato Crops in the Pacific Northwestern United States. <i>American Journal of Potato Research</i> , 2014, 91, 485-491.	0.9	32
53	Evaluation of Beet Leafhopper Transmitted Virescence Agent Damage in the Columbia Basin. <i>American Journal of Potato Research</i> , 2014, 91, 101-108.	0.9	13
54	Evaluation of resistance to onion thrips (<i>Thrips tabaci</i> Lind.) in several Tareh Irani (Persian leek: <i>Allium</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.3	6

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55	Seasonal Dynamics of Thrips (<i>Thrips tabaci</i>) (Thysanoptera: Thripidae) Transmitters of Iris Yellow Spot Virus: A Serious Viral Pathogen of Onion Bulb and Seed Crops. <i>Journal of Economic Entomology</i> , 2014, 107, 75-82.	1.8	5
56	First Report of Natural Infection by <i>Candidatus</i> <i>Liberibacter solanacearum</i> ™ in Bittersweet Nightshade (<i>Solanum dulcamara</i>) in the Columbia Basin of Eastern Oregon. <i>Plant Disease</i> , 2014, 98, 1425-1425.	1.4	23
57	Haplotypes of the Potato Psyllid, <i>Bactericera cockerelli</i> , on the Wild Host Plant, <i>Solanum dulcamara</i> , in the Pacific Northwestern United States. <i>American Journal of Potato Research</i> , 2013, 90, 570-577.	0.9	41
58	First Report of Potato Psyllids, <i>Bactericera cockerelli</i> , Overwintering in the Pacific Northwest. <i>American Journal of Potato Research</i> , 2013, 90, 294-296.	0.9	37
59	Screening of Iranian Potato Germplasm for Resistance to the Potato Tuberworm <i>Phthorimaea operculella</i> (Lepidoptera: Gelechiidae). <i>American Journal of Potato Research</i> , 2013, 90, 533-540.	0.9	10
60	Ground Beetle (Coleoptera: Carabidae) Populations in Commercial Organic and Conventional Potato Production. <i>Florida Entomologist</i> , 2013, 96, 1492-1499.	0.5	9
61	Screening for Resistance of Potato Lines to the Potato Tuberworm, <i>Phthorimaea operculella</i> (Zeller) (Lepidoptera: Gelechiidae). <i>American Journal of Potato Research</i> , 2013, 90, 71-82.	0.9	6
62	First Report of Zebra Chip Disease and <i>Candidatus</i> <i>Liberibacter solanacearum</i> on Potatoes in Oregon and Washington State. <i>Plant Disease</i> , 2012, 96, 452-452.	1.4	74
63	Population Dynamics of the Beet Leafhopper (Hemiptera: Cicadellidae) in the Columbia Basin as Influenced by Abiotic Variables. <i>Environmental Entomology</i> , 2012, 41, 768-775.	1.4	6
64	Population Dynamics of the Beet Leafhopper in Northeastern Oregon and Incidence of the Beet Leafhopper-Transmitted Virescence Agent <i>Phytoplasma</i> . <i>American Journal of Potato Research</i> , 2012, 89, 82-88.	0.9	8
65	Trap Response of <i>Dargida terrapictalis</i> (Buckett) (Lepidoptera: Noctuidae) to a Sex Attractant in Wheat-Growing Areas of Eastern Washington and Neighboring Oregon. <i>Journal of the Kansas Entomological Society</i> , 2011, 84, 139-147.	0.2	3
66	The Potato Tuberworm: A Literature Review of Its Biology, Ecology, and Control. <i>American Journal of Potato Research</i> , 2010, 87, 149-166.	0.9	144
67	Population Structure of <i>Phthorimaea operculella</i> (Lepidoptera: Gelechiidae) in the United States. <i>Environmental Entomology</i> , 2010, 39, 1037-1042.	1.4	13
68	Reducing Tuber Damage by Potato Tuberworm (Lepidoptera: Gelechiidae) With Cultural Practices and Insecticides. <i>Journal of Economic Entomology</i> , 2010, 103, 1306-1311.	1.8	23
69	Spatial and Temporal Dynamics of Potato Tuberworm (Lepidoptera: Gelechiidae) in the Columbia Basin of the Pacific Northwest. <i>Environmental Entomology</i> , 2010, 39, 1-14.	1.4	20
70	Practical Techniques and Accuracy for Sexing the Potato Tuberworm, <i>Phthorimaea operculella</i> (Lepidoptera: Gelechiidae). <i>Florida Entomologist</i> , 2010, 93, 113-115.	0.5	13
71	Resistance of Potato Germplasm to the Potato Tuberworm (Lepidoptera: Gelechiidae). <i>Journal of Economic Entomology</i> , 2009, 102, 1649-1653.	1.8	31
72	The effect of soil depth and exposure to winter conditions on survival of the potato tuberworm, <i>Phthorimaea operculella</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2008, 129, 332-339.	1.4	17

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73	Semi-field evaluation of a granulovirus and <i>Bacillus thuringiensis</i> ssp. <i>kurstaki</i> for season-long control of the potato tuber moth, <i>Phthorimaea operculella</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2008, 129, 276-285.	1.4	20
74	THIRTY YEARS OF ADVANCES IN ARTHROPOD MANAGEMENT IN FLORIDA'S COMMERCIAL STRAWBERRIES. <i>Acta Horticulturae</i> , 2006, , 151-154.	0.2	6
75	Comparison of single and combination treatments of <i>Phytoseiulus persimilis</i> , <i>Neoseiulus californicus</i> , and Acramite (bifenazate) for control of twospotted spider mites in strawberries. <i>Experimental and Applied Acarology</i> , 2006, 39, 213-225.	1.6	75
76	DEVELOPMENTAL TIME, REPRODUCTION, AND FEEDING OF TWO SUBSPECIES OF <i>COLEOMEGILLA MACULATA</i> (COLEOPTERA: COCCINELLIDAE) IN THE LABORATORY. <i>Florida Entomologist</i> , 2006, 89, 85-88.	0.5	5
77	POPULATION DYNAMICS OF THE COTTON APHID, <i>APHIS GOSSYPHII</i> (HOMOPTERA: APHIDIDAE), ON STRAWBERRIES GROWN UNDER PROTECTED STRUCTURE. <i>Florida Entomologist</i> , 2005, 88, 152-158.	0.5	20
78	CHAETOSIPHON FRAGAEFOLII (HOMOPTERA: APHIDIDAE): A POTENTIAL NEW PEST IN FLORIDA?. <i>Florida Entomologist</i> , 2004, 87, 612-615.	0.5	14
79	Ovarian Development and Ovipositional Preference of the Western Corn Rootworm (Coleoptera: Tj ETQq1 1 0.784314 rgBT /Overloc	1.8	37
80	The Feeding Behavior of the Bigeyed Bug, Minute Pirate Bug, and Pink Spotted Lady Beetle Relative to Main Strawberry Pests. <i>Environmental Entomology</i> , 2004, 33, 1014-1019.	1.4	21
81	ANASA TRISTIS (HETEROPTERA: COREIDAE) DEVELOPMENT, SURVIVAL AND EGG DISTRIBUTION ON BEIT ALPHA CUCUMBER AND AS PREY FOR <i>COLEOMEGILLA MACULATA</i> (COLEOPTERA: COCCINELLIDAE) AND <i>GEOCORIS PUNCTIPES</i> (HETEROPTERA: LYGAEIDAE). <i>Florida Entomologist</i> , 2003, 86, 488-490.	0.5	14
82	Captures of Western Corn Rootworm (Coleoptera: Chrysomelidae) Adults with Pherocon AM and Vial Traps in Four Crops in East Central Illinois. <i>Journal of Economic Entomology</i> , 2003, 96, 737-747.	1.8	30
83	Captures of Western Corn Rootworm (Coleoptera: Chrysomelidae) Adults with Pherocon AM and Vial Traps in Four Crops in East Central Illinois. <i>Journal of Economic Entomology</i> , 2003, 96, 737-747.	1.8	4