

GÃ©rald Chouinard

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

824
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516710

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#	ARTICLE	IF	CITATIONS
1	Ecology and management of plum curculio, <i>Conotrachelus nenuphar</i> [Coleoptera: Curculionidae], in apple orchards. <i>Phytoprotection</i> , 1992, 73, 85-100.	0.3	86
2	Going beyond sprays and killing agents: Exclusion, sterilization and disruption for insect pest control in pome and stone fruit orchards. <i>Scientia Horticulturae</i> , 2016, 208, 13-27.	3.6	57
3	Progress in plum curculio management: a review. <i>Agriculture, Ecosystems and Environment</i> , 1999, 73, 167-175.	5.3	49
4	The multicolored Asian ladybeetle <i>Harmonia axyridis</i> (Coleoptera: Coccinellidae) in Quebec agroecosystems ten years after its arrival. <i>European Journal of Entomology</i> , 2007, 104, 737-743.	1.2	46
5	Border-Row Sprays for Control of the Plum Curculio in Apple Orchards: Behavioral Study. <i>Journal of Economic Entomology</i> , 1992, 85, 1307-1317.	1.8	41
6	Prey Selection by the Lady Beetle <i>Harmonia axyridis</i> : The Influence of Prey Mobility and Prey Species. <i>Journal of Insect Behavior</i> , 2006, 19, 265-277.	0.7	39
7	Spring Behavior of the Plum Curculio (Coleoptera: Curculionidae) within Caged Dwarf Apple Trees. <i>Annals of the Entomological Society of America</i> , 1993, 86, 333-340.	2.5	36
8	Impact of exclusion netting row covers on arthropod presence and crop damage to "Honeycrisp" apple trees in North America: A five-year study. <i>Crop Protection</i> , 2017, 98, 248-254.	2.1	33
9	Use of bio-based polymers in agricultural exclusion nets: A perspective. <i>Biosystems Engineering</i> , 2019, 180, 121-145.	4.3	33
10	Activity of Adult Plum Curculio (Coleoptera: Curculionidae) on Apple Trees in Spring. <i>Journal of Economic Entomology</i> , 1991, 84, 1827-1832.	1.8	32
11	Peripheral-zone treatments for plum curculio management: validation in commercial apple orchards. <i>Entomologia Experimentalis Et Applicata</i> , 1997, 84, 1-8.	1.4	30
12	Evolving ecosystems approaches to fruit insect pest management. <i>Agriculture, Ecosystems and Environment</i> , 1999, 73, 107-110.	5.3	28
13	Susceptibility in field populations of codling moth, <i>Cydia pomonella</i> (L.) (Lepidoptera: Tortricidae). <i>Journal of Economic Entomology</i> , 2015, 71, 234-242.	3.4	28
14	Photo Initiated Chemical Vapour Deposition To Increase Polymer Hydrophobicity. <i>Scientific Reports</i> , 2016, 6, 31574.	3.3	23
15	Surface modification of PLA nets intended for agricultural applications. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 598, 124787.	4.7	20
16	Managing apple maggot, <i>Rhagoletis pomonella</i> [Diptera: Tephritidae], by perimeter trapping. <i>Phytoprotection</i> , 2000, 80, 21-33.	0.3	20
17	Spatial distribution and movements of plum curculio adults within caged apple trees. <i>Entomologia Experimentalis Et Applicata</i> , 1994, 70, 129-142.	1.4	18
18	Occurrence of <i>Grapholita molesta</i> (Lepidoptera: Tortricidae) in major apple-growing areas of southern Quebec. <i>Canadian Entomologist</i> , 2007, 139, 292-295.	0.8	16

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19	A meridic diet for the rearing of <i>Hyaliodes vitripennis</i> (Hemiptera: Miridae), a predator of mites in apple orchards. <i>Biocontrol Science and Technology</i> , 2006, 16, 743-751.	1.3	15
20	Integrated assessment of climate change impact on surface runoff contamination by pesticides. <i>Integrated Environmental Assessment and Management</i> , 2016, 12, 559-571.	2.9	15
21	Impact of Exclusion Netting Row Covers on "Honeycrisp" Apple Trees Grown under Northeastern North American Conditions: Effects on Photosynthesis and Fruit Quality. <i>Insects</i> , 2019, 10, 214.	2.2	15
22	Effectiveness of <i>Hyaliodes vitripennis</i> (Say) (Heteroptera: Miridae) predation in apple orchards. <i>Crop Protection</i> , 2006, 25, 705-711.	2.1	13
23	Management of weeds, apple sawfly (<i>Hoplocampa testudinea</i> Klug) and plum curculio (<i>Conotrachelus</i>) Tj ETQq1 1,0.784314,rgBT /Overlock 10 Tf 10 537 Td (2.1	11
24	Establishing abiotic and biotic factors necessary for reliable male pheromone production and attraction to pheromones by female plum curculios <i>Conotrachelus nenuphar</i> (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 10 537 Td (2.1	11
25	Impact d'une dose sublethale de lambda-cyhalothrine sur les prdateurs intraguildes d'acariens phytophages en vergers de pommiers. <i>Phytoprotection</i> , 2003, 84, 105-113.	0.3	10
26	Evaluating Electrophysiological and Behavioral Responses to Volatiles for Improvement of Odor-Baited Trap Tree Management of <i>Conotrachelus nenuphar</i> (Coleoptera: Curculionidae). <i>Environmental Entomology</i> , 2014, 43, 753-761.	1.4	10
27	Influence of plant, animal and mixed resources on development of the zoophytophagous plant bug <i>Campylomma verbasci</i> (Hemiptera: Miridae). <i>Biocontrol Science and Technology</i> , 2015, 25, 1426-1442.	1.3	9
28	Electroantennogram Technique for <i>Conotrachelus nenuphar</i> (Coleoptera: Curculionidae). <i>Environmental Entomology</i> , 2009, 38, 870-878.	1.4	8
29	Foliar Sprays with <i>Steinernema carpocapsae</i> against Early-season Apple Pests. <i>Journal of Nematology</i> , 1998, 30, 599-606.	0.9	8
30	Phytophagy by the Mullein Bug (Hemiptera: Miridae) on Apples: Feeding Behavior and Fruit Damage. <i>Journal of Economic Entomology</i> , 2016, 109, 2463-2471.	1.8	7
31	A TEMPERATURE DEPENDENT MODEL DESCRIBING NOCTURNAL ACTIVITY OF PLUM CURCULIO IN APPLE TREES FOLLOWING BLOOM. <i>Acta Horticulturae</i> , 2002, , 201-205.	0.2	6
32	Abiotic Factors and Trap Design Modulate the Performance of Traps Used to Monitor the Plum Curculio. <i>Journal of Economic Entomology</i> , 2008, 101, 1838-1846.	1.8	6
33	Interceptions and captures of <i>Halyomorpha halys</i> (Hemiptera: Pentatomidae) in Quebec from 2008 to 2018. <i>Phytoprotection</i> , 0, 98, 46-50.	0.3	6
34	R�gulation des populations de <i>Cydia pomonella</i> (Lepidoptera: Tortricidae) dans les vergers commerciaux du Qu�bec avec des ph�romones de synth�se. <i>Phytoprotection</i> , 1996, 77, 57-64.	0.3	5
35	�tablissement et dispersion du prdateur <i>Hyaliodes vitripennis</i> [Hemiptera : Miridae] suite � des introductions dans une pommeraie commerciale au Qu�bec. <i>Phytoprotection</i> , 2003, 84, 93-103.	0.3	5
36	Dip-dip-dry: Solvent-induced tuning of polylactic acid surface properties. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 578, 123591.	4.7	5

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37	Mites affect plum curculio (Coleoptera: Curculionidae) behavioural responses to attractive volatiles. Canadian Entomologist, 2013, 145, 82-87.	0.8	3
38	Behavioral Responses of Plum Curculio (Coleoptera: Curculionidae) to Different Enantiomer Concentrations and Blends of the Synthetic Aggregation Pheromone Grandisoic Acid. Journal of Economic Entomology, 2015, 108, 549-558.	1.8	3
39	Commercial bumble bee (<i>Bombus impatiens</i>) hives under exclusion netting systems for apple pollination in orchards. Renewable Agriculture and Food Systems, 2021, 36, 234-244.	1.8	3
40	A note on the activity and species composition of sesiids [Lepidoptera: Sesiidae] as measured by pheromone traps and trunk sampling in apple orchards of southwestern Quebec. Phytoprotection, 2006, 87, 131-134.	0.3	2
41	Olfactometer Responses of Plum Curculio Conotrachelus nenuphar (Herbst) (Coleoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf Insect Behavior, 2017, 30, 475-494.	0.7	2
42	Seasonal biology and behaviour of the predatory mirid <i>Hyaliodes vitripennis,</i> a beneficial insect of apple orchards in Quebec, Canada. Acta Horticulturae, 2019, , 235-242.	0.2	2
43	Pest Activity and Protection Practices: Four Decades of Transformation in Quebec Apple Orchards. Insects, 2021, 12, 197.	2.2	2
44	Impact of Trap Architecture, Adjacent Habitats, Abiotic Factors, and Host Plant Phenology on Captures of Plum Curculio (Coleoptera: Curculionidae) Adults. Journal of Economic Entomology, 2007, 100, 737-744.	1.8	2