Conrad Cloutier

List of Publications by Year
in descending order

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54	2,243	172457	223800
papers	citations	29 h-index	46 g-index

55	55	55	1737
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Postdiapause reproduction of spotted-wing drosophila (Diptera: Drosophilidae) in realistically simulated cold climatic springtime conditions of QuÃ©bec, Canada. Canadian Entomologist, 2022, 154, .	0.8	2
2	Overwintering survival of Drosophila suzukii (Diptera: Drosophilidae) in temperature regimes emulating partly protected winter conditions in a coldâ€“temperate climate of QuÃ©bec, Canada. Canadian Entomologist, 2021, 153, 259-278.	0.8	5
3	Phenology and spatial distribution of spotted-wing drosophila (Diptera: Drosophilidae) in lowbush blueberry (Ericaceae) in Saguenay-Lac-Saint-Jean, QuÃ©bec, Canada. Canadian Entomologist, 2020, 152, 432-449.	0.8	9
4	The proportion of blue light affects parasitoid wasp behavior in LED-extended photoperiod in greenhouses: Increased parasitism and offspring sex ratio bias. Biological Control, 2019, 133, 9-17.	3.0	17
5	Biodiversity of lepidopteran pests and their parasitoids in organic and conventional cranberry crop. Biological Control, 2019, 129, 24-36.	3.0	3
6	The influence of light environment on host colour preference in a parasitoid wasp. Ecological Entomology, 2019, 44, 105-117.	2.2	7
7	Early springtime water absorption by overwintering eggs of Mindarus abietinus (Hemiptera:) Tj ETQq1 1 0.784314 rgBT /Overlo 2018, 150, 174-179.	0.8	2
8	Population-associated heterogeneity of the digestive Cys protease complement in Colorado potato beetle, Leptinotarsa decemlineata. Journal of Insect Physiology, 2018, 106, 125-133.	2.0	5
9	Embryonic stage of obligatory diapause and effects of abiotic conditions on egg hatching in the balsam twig aphid, Mindarus abietinus. Entomologia Experimentalis Et Applicata, 2018, 166, 628-637.	1.4	21
10	Performance of a tri-trophic food web under different climate change scenarios. Food Webs, 2017, 11, 1-12.	1.2	5
11	Temperature-manipulated dynamics and phenology ofMindarus abietinus(Hemiptera: Aphididae) in commercial Christmas tree plantations in QuÃ©bec, Canada. Canadian Entomologist, 2017, 149, 801-812.	0.8	6
12	Light Environments Differently Affect Parasitoid Wasps and their Hostsâ€™ Locomotor Activity. Journal of Insect Behavior, 2017, 30, 595-611.	0.7	19
13	The influence of a parasitoid's response to temperature on the performance of a triâ€trophic food web. Ecological Entomology, 2016, 41, 431-441.	2.2	8
14	Functional proteomics-aided selection of protease inhibitors for herbivore insect control. Scientific Reports, 2016, 6, 38827.	3.3	17
15	Single substitutions to closely related amino acids contribute to the functional diversification of an insectâ€inducible, positively selected plant cystatin. FEBS Journal, 2016, 283, 1323-1335.	4.7	13
16	Positive selection of digestive Cys proteases in herbivorous Coleoptera. Insect Biochemistry and Molecular Biology, 2015, 65, 10-19.	2.7	20
17	Temperature responses of a plantâ€insect system using a foodâ€web performance approach. Entomologia Experimentalis Et Applicata, 2014, 153, 142-155.	1.4	3
18	Does variation in host plant association and symbiont infection of pea aphid populations induce genetic and behaviour differentiation of its main parasitoid, Aphidius ervi?. Evolutionary Ecology, 2013, 27, 165-184.	1.2	32

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19	Early presence of an enolase in the oviposition injecta of the aphid parasitoid Aphidius ervi analyzed with chitosan beads as artificial hosts. Journal of Insect Physiology, 2013, 59, 11-18.	2.0	19
20	Survival to Parasitoids in an Insect Hosting Defensive Symbionts: A Multivariate Approach to Polymorphic Traits Affecting Host Use by Its Natural Enemy. PLoS ONE, 2013, 8, e60708.	2.5	14
21	Wounding, insect chewing and phloem sap feeding differentially alter the leaf proteome of potato, Solanum tuberosum L.. Proteome Science, 2012, 10, 73.	1.7	27
22	Diversity of Molecular Transformations Involved in the Formation of Spider Silks. Journal of Molecular Biology, 2011, 405, 238-253.	4.2	76
23	Recombinant protease inhibitors for herbivore pest control: a multitrophic perspective. Journal of Experimental Botany, 2010, 61, 4169-4183.	4.8	112
24	Impact of environmental stress on aphid clonal resistance to parasitoids: Role of Hamiltonella defensa bacterial symbiosis in association with a new facultative symbiont of the pea aphid. Journal of Insect Physiology, 2009, 55, 919-926.	2.0	163
25	A proteomic analysis of the aphid Macrosiphum euphorbiae under heat and radiation stress. Insect Biochemistry and Molecular Biology, 2009, 39, 20-30.	2.7	100
26	Proteomes of the aphid Macrosiphum euphorbiae in its resistance and susceptibility responses to differently compatible parasitoids. Insect Biochemistry and Molecular Biology, 2008, 38, 730-739.	2.7	34
27	Conformational and Orientational Transformation of Silk Proteins in the Major Ampullate Gland of Nephila clavipes Spiders. Biomacromolecules, 2008, 9, 2399-2407.	5.4	75
28	Tailoring the Specificity of a Plant Cystatin toward Herbivorous Insect Digestive Cysteine Proteases by Single Mutations at Positively Selected Amino Acid Sites. Plant Physiology, 2008, 146, 1010-1019.	4.8	69
29	Proteomic profiling of a parasitic wasp exposed to constant and fluctuating cold exposure. Insect Biochemistry and Molecular Biology, 2007, 37, 1177-1188.	2.7	106
30	Conformation of Spider Silk Proteins In Situ in the Intact Major Ampullate Gland and in Solution. Biomacromolecules, 2007, 8, 2342-2344.	5.4	63
31	A multicomponent, elicitorâ€inducible cystatin complex in tomato, Solanum lycopersicum. New Phytologist, 2007, 173, 841-851.	7.3	50
32	Proteomic profiling of aphid Macrosiphum euphorbiae responses to host-plant-mediated stress induced by defoliation and water deficit. Journal of Insect Physiology, 2007, 53, 601-611.	2.0	41
33	Aphid clonal resistance to a parasitoid fails under heat stress. Journal of Insect Physiology, 2006, 52, 146-157.	2.0	123
34	A hybrid, broad-spectrum inhibitor of Colorado potato beetle aspartate and cysteine digestive proteinases. Archives of Insect Biochemistry and Physiology, 2005, 60, 20-31.	1.5	50
35	Colorado potato beetles compensate for tomato cathepsin D inhibitor expressed in transgenic potato. Archives of Insect Biochemistry and Physiology, 2004, 55, 103-113.	1.5	72
36	Colorado potato beetles show differential digestive compensatory responses to host plants expressing distinct sets of defense proteins. Archives of Insect Biochemistry and Physiology, 2004, 55, 114-123.	1.5	46

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37	Molecular interactions between an insect predator and its herbivore prey on transgenic potato expressing a cysteine proteinase inhibitor from rice. Molecular Ecology, 2003, 12, 2429-2437.	3.9	38
38	Oryzacystatin I expressed in transgenic potato induces digestive compensation in an insect natural predator via its herbivorous prey feeding on the plant. Molecular Ecology, 2003, 12, 2439-2446.	3.9	61
39	Impact of a parasitoid on the bacterial symbiosis of its aphid host. Entomologia Experimentalis Et Applicata, 2003, 109, 13-19.	1.4	30
40	Unexpected Effects of Different Potato Resistance Factors to the Colorado Potato Beetle (Coleoptera: Chrysomelidae) on the Potato Aphid (Homoptera: Aphididae). Environmental Entomology, 2001, 30, 524-532.	1.4	45
41	Title is missing!. BioControl, 2001, 46, 401-418.	2.0	35
42	Adult Colorado potato beetles,Leptinotarsa decemlineata compensate for nutritional stress on oryzacystatin I-transgenic potato plants by hypertrophic behavior and over-production of insensitive proteases. Archives of Insect Biochemistry and Physiology, 2000, 44, 69-81.	1.5	149
43	GROUND AND AERIAL MOVEMENT OF ADULT COLORADO POTATO BEETLE (COLEOPTERA: CHRYSOMELIDAE) IN A UNIVOLTINE POPULATION. Canadian Entomologist, 1999, 131, 521-538.	0.8	31
44	Growth compensation and faster development of Colorado potato beetle (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 Td (Cl and Physiology, 1999, 40, 69-79.	1.5	52
45	Protein hydrolysis by Colorado potato beetle,Leptinotarsa decemlineata, digestive proteases: The catalytic role of cathepsin D. , 1999, 42, 88-98.		55
46	Protein hydrolysis by Colorado potato beetle, Leptinotarsa decemlineata, digestive proteases: The catalytic role of cathepsin D. Archives of Insect Biochemistry and Physiology, 1999, 42, 88-98.	1.5	1
47	Fitness and feeding are affected in the two-spotted stinkbug,Perillus bioculatus, by the cysteine proteinase inhibitor, oryzacystatin I. Archives of Insect Biochemistry and Physiology, 1998, 38, 74-83.	1.5	29
48	Occurrence of Digestive Cysteine Proteases in Perillus bioculatus, a Natural Predator of the Colorado Potato Beetle. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 1998, 120, 191-196.	1.6	19
49	Synergism Between Natural Enemies and Biopesticides: a Test Case Using the Stinkbug Perillus bioculatus (Hemiptera: Pentatomidae) and Bacillus thuringiensis tenebrionis Against Colorado Potato Beetle (Coleoptera: Chrysomelidae). Journal of Economic Entomology, 1998, 91, 1096-1108.	1.8	40
50	Prey Preference by the StinkbugPerillus bioculatus,a Predator of the Colorado Potato Beetle. Biological Control, 1996, 7, 251-258.	3.0	34
51	BIOLOGICAL CONTROL OF THE COLORADO POTATO BEETLE LEPTINOTARSA DECEMLINEATA (COLEOPTERA: CHRYSOMELIDAE) IN QUEBEC BY AUGMENTATIVE RELEASES OF THE TWO-SPOTTED STINKBUG PERILLUS BIOCULATUS (HEMIPTERA: PENTATOMIDAE). Canadian Entomologist, 1995, 127, 195-212.	0.8	51
52	FECUNDITY, LONGEVITY, AND SEX RATIO OF APHIDIUS NIGRIPES (HYMENOPTERA: APHIDIIDAE) PARASITIZING DIFFERENT STAGES OF ITS HOST, MACROSIPHUM EUPHORBIAE (HOMOPTERA: APHIDIDAE). Canadian Entomologist, 1981, 113, 193-198.	0.8	47
53	The effect of superparasitism by Aphidius smithi (Hymenoptera: Aphidiidae) on the food budget of the pea aphid, Acyrthosiphon pisum (Homoptera: Aphididae). Canadian Journal of Zoology, 1980, 58, 241-244.	1.0	43
54	The effect of parasitism by Aphidius smithi (Hymenoptera: Aphidiidae) on the food budget of the pea aphid, Acyrthosiphon pisum (Homoptera: Aphididae). Canadian Journal of Zoology, 1979, 57, 1605-1611.	1.0	49