Conrad Cloutier

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2345758/publications.pdf

Version: 2024-02-01

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	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
2	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
3	Aphid clonal resistance to a parasitoid fails under heat stress. Journal of Insect Physiology, 2006, 52, 146-157.	2.0	123
4	Recombinant protease inhibitors for herbivore pest control: a multitrophic perspective. Journal of Experimental Botany, 2010, 61, 4169-4183.	4.8	112
5	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
6	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
7	Diversity of Molecular Transformations Involved in the Formation of Spider Silks. Journal of Molecular Biology, 2011, 405, 238-253.	4.2	76
8	Conformational and Orientational Transformation of Silk Proteins in the Major Ampullate Gland of Nephila clavipes Spiders. Biomacromolecules, 2008, 9, 2399-2407.	5.4	75
9	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
10	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
11	Conformation of Spider Silk Proteins In Situ in the Intact Major Ampullate Gland and in Solution. Biomacromolecules, 2007, 8, 2342-2344.	5.4	63
12	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
13	Protein hydrolysis by Colorado potato beetle,Leptinotarsa decemlineata, digestive proteases: The catalytic role of cathepsin D. , 1999, 42, 88-98.		55
14	Growth compensation and faster development of Colorado potato beetle (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 227 Td (Ch and Physiology, 1999, 40, 69-79.	1.5	52
15	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
16	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
17	A multicomponent, elicitorâ€inducible cystatin complex in tomato, Solanum lycopersicum. New Phytologist, 2007, 173, 841-851.	7.3	50
18	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

#	Article	IF	Citations
19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	Title is missing!. BioControl, 2001, 46, 401-418.	2.0	35
27	Prey Preference by the StinkbugPerillus bioculatus,a Predator of the Colorado Potato Beetle. Biological Control, 1996, 7, 251-258.	3.0	34
28	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
29	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
30	GROUND AND AERIAL MOVEMENT OF ADULT COLORADO POTATO BEETLE (COLEOPTERA: CHRYSOMELIDAE) IN A UNIVOLTINE POPULATION. Canadian Entomologist, 1999, 131, 521-538.	0.8	31
31	Impact of a parasitoid on the bacterial symbiosis of its aphid host. Entomologia Experimentalis Et Applicata, 2003, 109, 13-19.	1.4	30
32	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
33	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
34	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
35	Positive selection of digestive Cys proteases in herbivorous Coleoptera. Insect Biochemistry and Molecular Biology, 2015, 65, 10-19.	2.7	20
36	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

#	Article	IF	Citations
37	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
38	Light Environments Differently Affect Parasitoid Wasps and their Hostsâ€™ Locomotor Activity. Journal of Insect Behavior, 2017, 30, 595-611.	0.7	19
39	Functional proteomics-aided selection of protease inhibitors for herbivore insect control. Scientific Reports, 2016, 6, 38827.	3.3	17
40	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
41	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
42	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
43	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
44	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
45	The influence of light environment on host colour preference in a parasitoid wasp. Ecological Entomology, 2019, 44, 105-117.	2.2	7
46	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
47	Performance of a tri-trophic food web under different climate change scenarios. Food Webs, 2017, 11, 1-12.	1.2	5
48	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
49	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
50	Temperature responses of a plantâ€insect system using a foodâ€web performance approach. Entomologia Experimentalis Et Applicata, 2014, 153, 142-155.	1.4	3
51	Biodiversity of lepidopteran pests and their parasitoids in organic and conventional cranberry crop. Biological Control, 2019, 129, 24-36.	3.0	3
52	Early springtime water absorption by overwintering eggs of Mindarus abietinus (Hemiptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 2018, 150, 174-179.	0.8	2
53	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
54	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