

Phosphine resistance in the cigarette beetle<i>Lasioder

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Alternative Forms of Storage Protection: Biological Insecticides for the Control of the Cigarette Beetle (<i>Lasioderma serricorne</i>) and the Tobacco Moth (<i>Ephestialutella</i>). <i>Beitrage Zur Tabakforschung International/ Contributions To Tobacco Research</i> , 1997, 17, 31-47.	0.3	0
2	Review A Review of the Mechanisms Involved in the Action of Phosphine as an Insecticide and Phosphine Resistance in Stored-Product Insects. <i>Pest Management Science</i> , 1997, 49, 213-228.	0.4	168
3	Activity of <i>Bacillus thuringiensis</i> isolates on <i>Lasioderma serricorne</i> (F.) (Coleoptera: Anobiidae). <i>Journal of Stored Products Research</i> , 1999, 35, 145-158.	2.6	17
4	Digestive proteinases in <i>Lasioderma serricorne</i> (Coleoptera: Anobiidae). <i>Bulletin of Entomological Research</i> , 2002, 92, 331-336.	1.0	16
5	<i>Bacillus thuringiensis</i> (Bt) for the Control of Insect Pests in Stored Tobacco: A Review. <i>Beitrage Zur Tabakforschung International/ Contributions To Tobacco Research</i> , 2002, 20, 15-22.	0.3	8
6	Assessment of the efficacy of Japanese <i>Bacillus thuringiensis</i> isolates against the cigarette beetle, <i>Lasioderma serricorne</i> (Coleoptera: Anobiidae). <i>Journal of Invertebrate Pathology</i> , 2002, 81, 122-126.	3.2	12
7	Contact and fumigant activities of aromatic plant extracts and essential oils against <i>Lasioderma serricorne</i> (Coleoptera: Anobiidae). <i>Journal of Stored Products Research</i> , 2003, 39, 11-19.	2.6	177
8	Effect of low temperatures on the rate of respiration and uptake of phosphine in different life stages of the cigarette beetle <i>Lasioderma serricorne</i> (F.). <i>Journal of Stored Products Research</i> , 2004, 40, 125-134.	2.6	28
9	Activity of spinosad on stored-tobacco insects and persistence on cured tobacco strips. <i>Pest Management Science</i> , 2004, 60, 1091-1098.	3.4	16
10	Influence of phosphine on hatching of <i>Cryptolestes ferrugineus</i> (Coleoptera: Cucujidae), <i>Lasioderma serricorne</i> (Coleoptera: Anobiidae) and <i>Oryzaephilus surinamensis</i> (Coleoptera: Silvanidae). <i>Pest Management Science</i> , 2004, 60, 1114-1118.	3.4	21
11	Estimation of the phosphine resistance level of the cigarette beetle, <i>Lasioderma serricorne</i> (Fabricius) (Coleoptera: Anobiidae), by the knockdown time of adult. <i>Applied Entomology and Zoology</i> , 2005, 40, 557-561.	1.2	19
12	Development of a new assay method for quickly evaluating phosphine resistance of the cigarette beetle, <i>Lasioderma serricorne</i> (Fabricius) (Coleoptera: Anobiidae), based on knockdown of the adult beetles. <i>Applied Entomology and Zoology</i> , 2005, 40, 99-104.	1.2	16
13	Lethal and Sterile Effects of X-ray Irradiation on Cigarette Beetle, <i>Lasioderma serricorne</i> (F.) (Coleoptera: Anobiidae). <i>Beitrage Zur Tabakforschung International/ Contributions To Tobacco Research</i> , 2006, 22, 1-5.	0.3	4
14	Effects of the Conditions of the Cigarette Beetle, <i>Lasioderma serricorne</i> (Fabricius) (Coleoptera: Anobiidae) and <i>Oryzaephilus surinamensis</i> (Coleoptera: Silvanidae). <i>Applied Entomology and Zoology</i> , 2006, 50, 13-17.	0.1	0
15	Low-temperature as an alternative to fumigation to disinfest stored tobacco of the cigarette beetle, <i>Lasioderma serricorne</i> (F.) (Coleoptera: Anobiidae). <i>Applied Entomology and Zoology</i> , 2006, 41, 87-91.	1.2	28
16	Isolation and characterization of insecticidal activity of <i>β</i> -asarone from <i>Acorus calamus</i> L.. <i>Insect Science</i> , 2008, 15, 229-236.	3.0	35
17	Gene interactions constrain the course of evolution of phosphine resistance in the lesser grain borer, <i>Rhyzopertha dominica</i> . <i>Heredity</i> , 2008, 100, 506-516.	2.6	63
18	Partial characterization of stress-induced carboxylesterase from adults of <i>Stegobium paniceum</i> and <i>Lasioderma serricorne</i> (Coleoptera: Anobiidae) subjected to CO ₂ -enriched atmosphere. <i>Journal of Pest Science</i> , 2009, 82, 7-11.	3.7	21

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19	Host suitability of various stored food products for the cigarette beetle, <i>Lasioderma serricorne</i> (Coleoptera: Anobiidae). <i>Applied Entomology and Zoology</i> , 2011, 46, 463-469.	1.2	21
20	Fumigant activity of <i>Elsholtzia stauntonii</i> extract against <i>Lasioderma serricorne</i> . <i>South African Journal of Science</i> , 2012, 108, .	0.7	8
21	Susceptibility of the cigarette beetle <i>Lasioderma serricorne</i> (Coleoptera: Anobiidae) to hypoxia. <i>Applied Entomology and Zoology</i> , 2012, 47, 429-432.	1.2	4
22	The rph1 Gene Is a Common Contributor to the Evolution of Phosphine Resistance in Independent Field Isolates of <i>Rhyzopertha Dominica</i> . <i>PLoS ONE</i> , 2012, 7, e31541.	2.5	22
23	Life history and mating behavior of a black-bodied strain of the cigarette beetle <i>Lasioderma serricorne</i> (Coleoptera: Anobiidae). <i>Applied Entomology and Zoology</i> , 2012, 47, 157-163.	1.2	17
24	Which wavelength does the cigarette beetle, <i>Lasioderma serricorne</i> (Coleoptera: Anobiidae), prefer? Electrophysiological and behavioral studies using light-emitting diodes (LEDs). <i>Applied Entomology and Zoology</i> , 2013, 48, 547-551.	1.2	17
25	Chemical Compositions and Insecticidal Activities of <i>Alpinia kwangsiensis</i> Essential Oil against <i>Lasioderma serricorne</i> . <i>Molecules</i> , 2015, 20, 21939-21945.	3.8	27
26	Repellent and Contact Toxicity of <i>Alpinia officinarum</i> Rhizome Extract against <i>Lasioderma serricorne</i> Adults. <i>PLoS ONE</i> , 2015, 10, e0135631.	2.5	7
27	The Effect of Acclimation to Sublethal Temperature on Subsequent Susceptibility of <i>Sitophilus zeamais</i> Mostchulsky (Coleoptera: Curculionidae) to High Temperatures. <i>PLoS ONE</i> , 2016, 11, e0159400.	2.5	11
28	Monitoring and Detecting the Cigarette Beetle (Coleoptera: Anobiidae) Using Ultraviolet (LED) Direct and Reflected Lights and/or Pheromone Traps in a Laboratory and a Storehouse. <i>Journal of Economic Entomology</i> , 2016, 109, 2551-2560.	1.8	11
29	Phosphine gas generated from an aluminium phosphide tablet exhibits early knock down effects on tamarind pod borer. <i>RSC Advances</i> , 2016, 6, 90024-90030.	3.6	5
30	Ovicidal, larvicidal and insecticidal activity of strains of <i>Beauveria bassiana</i> (Balsamo) Vuillemin against the cigarette beetle, <i>Lasioderma serricorne</i> Fabricius (Coleoptera: Anobiidae), on rice grain. <i>Journal of Stored Products Research</i> , 2017, 74, 78-86.	2.6	9
31	Effect of Time and Concentration on Mortality of the Cigarette Beetle, <i>Lasioderma serricorne</i> (F.), Fumigated With Phosphine. <i>Beitrag Zur Tabakforschung International/ Contributions To Tobacco Research</i> , 2017, 27, 97-101.	0.3	5
32	Evaluation of Carifend [®] , an alpha-cypermethrin-coated polyester net, for the control of <i>Lasioderma serricorne</i> and <i>Ephestia elutella</i> in stored tobacco. <i>Journal of Pest Science</i> , 2018, 91, 751-759.	3.7	31
33	The effect of acclimation on heat tolerance of <i>Lasioderma serricorne</i> (Fabricius) (Coleoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Jf 50 182	2.5	11
34	Characterization of a β -N-acetylglucosaminidase gene and its involvement in the development of <i>Lasioderma serricorne</i> (Fabricius). <i>Journal of Stored Products Research</i> , 2018, 77, 156-165.	2.6	14
35	Mitochondrial response of the lesser grain borer <i>Rhyzopertha dominica</i> (F.) to modified atmospheres. <i>Journal of Stored Products Research</i> , 2019, 83, 338-346.	2.6	3
36	Field evaluation of Carifend [®] net for the protection of stored tobacco from storage insect pests. <i>Journal of Stored Products Research</i> , 2019, 81, 46-52.	2.6	17

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37	Biology, Ecology, and Control of <i>Lasioderma serricorne</i> (F.) (Coleoptera: Anobiidae): A Review. <i>Journal of Economic Entomology</i> , 2019, 112, 1011-1031.	1.8	55
38	Innate positive chemotaxis to paeonal from highly attractive Chinese medicinal herbs in the cigarette beetle, <i>Lasioderma serricorne</i> . <i>Scientific Reports</i> , 2019, 9, 6995.	3.3	10
39	Identification and Expression Analysis of Four Small Heat Shock Protein Genes in Cigarette Beetle, <i>Lasioderma serricorne</i> (Fabricius). <i>Insects</i> , 2019, 10, 139.	2.2	20
40	Using immobilization as a quick diagnostic indicator for resistance to phosphine. <i>Journal of Stored Products Research</i> , 2019, 82, 17-26.	2.6	22
41	Assessment of <i>Rhyzopertha dominica</i> (F.) progeny and feeding damage on rice dried with infrared radiation. <i>Journal of Stored Products Research</i> , 2019, 81, 69-75.	2.6	3
42	Knockdown of Î²-N-acetylglucosaminidase 2 Impairs Molting and Wing Development in <i>Lasioderma serricorne</i> (Fabricius). <i>Insects</i> , 2019, 10, 396.	2.2	13
43	Susceptibility of the Cigarette Beetle <i>Lasioderma serricorne</i> (Fabricius) to Phosphine, Ethyl Formate and Their Combination, and the Sorption and Desorption of Fumigants on Cured Tobacco Leaves. <i>Insects</i> , 2020, 11, 599.	2.2	6
44	The influence of different heating rates on mortality of <i>Tribolium castaneum</i> (Herbst) (Coleoptera: Tj ETQq1 1 0.784314 rgBT / Overlock 5.1	3.1	1
45	RNA interference-mediated control of cigarette beetle, <i>Lasioderma serricorne</i> . <i>Archives of Insect Biochemistry and Physiology</i> , 2020, 104, e21680.	1.5	11
46	Role of Chitin Deacetylase 1 in the Molting and Metamorphosis of the Cigarette Beetle <i>Lasioderma serricorne</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 2449.	4.1	20
47	Odorants of <i>Capsicum</i> spp. Dried Fruits as Candidate Attractants for <i>Lasioderma serricorne</i> F. (Coleoptera: Anobiidae). <i>Insects</i> , 2021, 12, 61.	2.2	11
48	Population-Mediated Responses of <i>Lasioderma serricorne</i> (Coleoptera: Anobiidae) to Different Diagnostic Protocols for Phosphine Efficacy. <i>Journal of Economic Entomology</i> , 2021, 114, 885-890.	1.8	10
49	Response of phosphine-resistant and susceptible <i>Lasioderma serricorne</i> adults to different light spectra. <i>Journal of Stored Products Research</i> , 2021, 92, 101808.	2.6	1
50	Efficacy of <i>Xanthium sibiricum</i> Fruit Extract on <i>Lasioderma Serricorne</i> (Coleoptera: Anobiidae). <i>Advances in Intelligent and Soft Computing</i> , 2012, , 323-327.	0.2	1
51	Bioactivity of <i>Citrus hystrix</i> D.C. Leaf Extract Against Cigarette Beetle <i>Lasioderma serricorne</i> (F.). <i>Journal of Tropical Life Science</i> , 2017, 7, 189-196.	0.3	7
52	The <i>rph2</i> Gene Is Responsible for High Level Resistance to Phosphine in Independent Field Strains of <i>Rhyzopertha dominica</i> . <i>PLoS ONE</i> , 2012, 7, e34027.	2.5	28
53	Influence of acclimation to sublethal temperature on heat tolerance of <i>Tribolium castaneum</i> (Herbst) (Coleoptera: Tenebrionidae) exposed to 50°C. <i>PLoS ONE</i> , 2017, 12, e0182269.	2.5	15
54	Bioactivity of two extracts from <i>Alpinia officinarum</i> rhizome against <i>Tribolium castaneum</i> (Herbst) adults. <i>African Journal of Biotechnology</i> , 2012, 11, .	0.6	0

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55	Repellent and fumigant activity of <i>Alpinia officinarum</i> rhizome extract against <i>Tribolium castaneum</i> (Herbst). <i>African Journal of Microbiology Research</i> , 2012, 6, .	0.4	3
56	Acute toxicity, sublethal effect and changes in the behavior of <i>Lasioderma serricorne</i> Fabricius (Coleoptera: Anobiidae) exposed to major components of essential oils. <i>Research, Society and Development</i> , 2020, 9, e170985581.	0.1	3
57	Temperature-dependent development of <i>Anisopteromalus calandrae</i> (Howard) (Hymenoptera: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 66 Products Research, 2022, 95, 101917.	2.6	2
58	Beta-ionone increases catches of <i>Lasioderma serricorne</i> (F.) (Coleoptera: Anobiidae) in traps baited with sex pheromone. <i>Journal of Stored Products Research</i> , 2022, 96, 101948.	2.6	3
59	Behavioral Response, Fumigation Activity, and Contact Activity of Plant Essential Oils Against Tobacco Beetle (<i>Lasioderma serricorne</i> (F.)) Adults. <i>Frontiers in Chemistry</i> , 2022, 10, 880608.	3.6	6
60	Evaluation of the susceptibility of new low nicotine tobacco cultivars to phosphine resistant and susceptible populations of <i>Lasioderma serricorne</i> (F.) (Coleoptera Anobiidae). <i>Journal of Stored Products Research</i> , 2022, 97, 101984.	2.6	3
62	Turmericâ€”a super foodâ€”prevention of post-harvest losses using radio frequency disinfestation. <i>Archives of Phytopathology and Plant Protection</i> , 2022, 55, 1450-1463.	1.3	2
63	Efficacy of Nets Coated with Different Concentrations of Alpha-Cypermethrin against Two Major Pests of Stored Tobacco. <i>Agronomy</i> , 2023, 13, 40.	3.0	0
64	Nuclear receptor FTZ-F1 is required for larval-pupal molting by regulating ecdysteroidogenesis and chitin metabolism in <i>Lasioderma serricorne</i> . <i>Journal of Stored Products Research</i> , 2023, 101, 102096.	2.6	0
65	Population growth of phosphine resistant and susceptible populations of <i>Lasioderma serricorne</i> (F.) (Coleoptera:Anobiidae) exposed to different temperatures and commodities. <i>Environmental Science and Pollution Research</i> , 2023, 30, 53221-53228.	5.3	2
66	Mortality of <i>Lasioderma serricorne</i> 1 in a Continuously Heated Environment. <i>Southwestern Entomologist</i> , 2023, 48, .	0.2	0
67	Quick knockdown results in high mortality: is this theory correct? A case study with phosphine and the red flour beetle. <i>Pest Management Science</i> , 2023, 79, 3740-3748.	3.4	1
68	Identification and immune analysis of antimicrobial peptides from the cigarette beetle (<i>Lasioderma) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.6	0