Gregory Loeb

List of Publications by Year
in descending order

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Version: 2024-02-01

66 papers	2,483 citations	218677 26 h-index	214800 47 g-index
66 all docs	66 docs citations	66 times ranked	2595 citing authors

#	Article	IF	Citations
1	The effect of plastic low tunnels on natural enemies and pollinators in New York strawberry. Crop Protection, 2022, 151, 105820.	2.1	3
2	Diet Hierarchies Guide Temporal-Spatial Variation in Drosophila suzukii Resource Use. Frontiers in Ecology and Evolution, 2022, 9, .	2.2	0
3	<scp>CropPol</scp>: A dynamic, open and global database on crop pollination. Ecology, 2022, 103, e3614.	3.2	19
4	Insecticide resistance in Drosophila melanogaster in vineyards and evaluation of alternative insecticides. Pest Management Science, 2022, 78, 1272-1278.	3.4	6
5	Transmission of Grapevine Red Blotch Virus by Spissistilus festinus [Say, 1830] (Hemiptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	3.3	9
6	A comparison of weed, pathogen and insect pests between low tunnel and open-field grown strawberries in New York. Crop Protection, 2021, 139, 105388.	2.1	8
7	Automated aerosol puffers effectively deliver 1â€OCTENâ€3â€OL, an oviposition antagonist useful against spottedâ€wing drosophila. Pest Management Science, 2021, 77, 389-396.	3.4	11
8	2â€Pentylfuran: a novel repellent of Drosophila suzukii. Pest Management Science, 2021, 77, 1757-1764.	3.4	17
9	Timing and order of different insecticide classes drive control of Drosophila suzukii; a modeling approach. Journal of Pest Science, 2021, 94, 743-755.	3.7	15
10	Grapevine Red Blotch Virus Is Transmitted by the Three-Cornered Alfalfa Hopper in a Circulative, Nonpropagative Mode with Unique Attributes. Phytopathology, 2021, 111, 1851-1861.	2.2	20
11	Winter warm-up frequency and the degree of temperature fluctuations affect survival outcomes of spotted-wing drosophila winter morphotypes. Journal of Insect Physiology, 2021, 131, 104246.	2.0	1
12	Field and Laboratory Testing of Feeding Stimulants to Enhance Insecticide Efficacy Against Spotted-Wing Drosophila, Drosophila suzukii (Matsumura). Journal of Economic Entomology, 2021, 114, 1638-1646.	1.8	5
13	Drosophila suzukii (Diptera: Drosophilidae): A Decade of Research Towards a Sustainable Integrated Pest Management Program. Journal of Economic Entomology, 2021, 114, 1950-1974.	1.8	113
14	The Effect of Erwinia amylovora Infection in Apple Saplings and Fruit on the Behavior of Delia platura (Diptera: Anthomyiidae). Environmental Entomology, 2021, 50, 117-125.	1.4	3
15	Behavioral evidence for contextual olfactoryâ€mediated avoidance of the ubiquitous phytopathogen Botrytis cinerea by Drosophila suzukii. Insect Science, 2020, 27, 771-779.	3.0	11
16	The effectiveness of flower strips and hedgerows on pest control, pollination services and crop yield: a quantitative synthesis. Ecology Letters, 2020, 23, 1488-1498.	6.4	319
17	Habitat cues synergize to elicit chemically mediated landing behavior in a specialist phytophagous insect, the grape berry moth. Entomologia Experimentalis Et Applicata, 2020, 168, 880-889.	1.4	1
18	Evaluation of RNA Interference for Control of the Grape Mealybug Pseudococcus maritimus (Hemiptera: Pseudococcidae). Insects, 2020, 11, 739.	2.2	3

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19	Factors affecting the implementation of exclusion netting to control Drosophila suzukii on primocane raspberry. Crop Protection, 2020, 135, 105191.	2.1	15
20	Progress and Challenges in Building Monitoring Systems for Drosophila suzukii. , 2020, , 111-132.		5
21	Laboratory and Field Evaluation of Host-Related Foraging Odor-Cue Combinations to Attract Drosophila suzukii (Diptera: Drosophilidae). Journal of Economic Entomology, 2019, 112, 2850-2860.	1.8	21
22	Interactions Between Biotic and Abiotic Factors Affect Survival in OverwinteringDrosophila suzukii(Diptera: Drosophilidae). Environmental Entomology, 2019, 48, 454-464.	1.4	36
23	Not berry hungry? Discovering the hidden food sources of a small fruit specialist, Drosophila suzukii. Ecological Entomology, 2019, 44, 810-822.	2.2	30
24	Habitat enhancements rescue bee body size from the negative effects of landscape simplification. Journal of Applied Ecology, 2019, 56, 2144-2154.	4.0	33
25	Plants, microbes, and odorants involved in host plant location by a specialist moth: who's making the message?. Entomologia Experimentalis Et Applicata, 2019, 167, 313-322.	1.4	7
26	Interactions among morphotype, nutrition, and temperature impact fitness of an invasive fly. Ecology and Evolution, 2019, 9, 2615-2628.	1.9	23
27	Insecticide Resistance in Drosophila melanogaster (Diptera: Drosophilidae) is Associated with Field Control Failure of Sour Rot Disease in a New York Vineyard. Journal of Economic Entomology, 2019, 112, 1498-1501.	1.8	15
28	Proximate Mechanisms of Host Plant Location by a Specialist Phytophagous Insect, the Grape Berry Moth, Paralobesia Viteana. Journal of Chemical Ecology, 2019, 45, 946-958.	1.8	3
29	Agriculturally dominated landscapes reduce bee phylogenetic diversity and pollination services. Science, 2019, 363, 282-284.	12.6	183
30	A Multiple-Choice Bioassay Approach for Rapid Screening of Key Attractant Volatiles. Environmental Entomology, 2018, 47, 946-950.	1.4	12
31	Comparison of Commercial Lures and Food Baits for Early Detection of Fruit Infestation Risk by Drosophila suzukii (Diptera: Drosophilidae). Journal of Economic Entomology, 2018, 111, 645-652.	1.8	32
32	Insights Into the Ecology of Grapevine red blotch virus in a Diseased Vineyard. Phytopathology, 2018, 108, 94-102.	2.2	44
33	How gut transcriptional function of Drosophila melanogaster varies with the presence and composition of the gut microbiota. Molecular Ecology, 2018, 27, 1848-1859.	3.9	36
34	Non-Crop Host Sampling Yields Insights into Small-Scale Population Dynamics of Drosophila suzukii (Matsumura). Insects, 2018, 9, 5.	2.2	34
35	Phenotypic Plasticity Promotes Overwintering Survival in A Globally Invasive Crop Pest, Drosophila suzukii. Insects, 2018, 9, 105.	2.2	39
36	Control of Sour Rot Using Chemical and Canopy Management Techniques. American Journal of Enology and Viticulture, 2018, 69, 342-350.	1.7	21

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37	Grape Sour Rot: A Four-Way Interaction Involving the Host, Yeast, Acetic Acid Bacteria, and Insects. Phytopathology, 2018, 108, 1429-1442.	2.2	40
38	Landscape context shifts the balance of costs and benefits from wildflower borders on multiple ecosystem services. Proceedings of the Royal Society B: Biological Sciences, 2018, 285, 20181102.	2.6	37
39	Overwintering Behavior of Drosophila suzukii, and Potential Springtime Diets for Egg Maturation. Environmental Entomology, 2018, 47, 1266-1273.	1.4	19
40	Deciphering the routes of invasion of Drosophila suzukii by means of ABC random forest. Molecular Biology and Evolution, 2017, 34, msx050.	8.9	132
41	Robust Manipulations of Pest Insect Behavior Using Repellents and Practical Application for Integrated Pest Management. Environmental Entomology, 2017, 46, 1041-1050.	1.4	31
42	Responses of Crop Pests and Natural Enemies to Wildflower Borders Depends on Functional Group. Insects, 2017, 8, 73.	2.2	16
43	The influence of temperature and photoperiod on the reproductive diapause and cold tolerance of spottedâ€wing drosophila, <scp>D</scp>rosophila suzukii. Entomologia Experimentalis Et Applicata, 2016, 159, 327-337.	1.4	48
44	Behavioral response of spottedâ€wing drosophila, Drosophila suzukii Matsumura, to aversive odors and a potential oviposition deterrent in the field. Pest Management Science, 2016, 72, 701-706.	3.4	62
45	Developmental Acclimation ofDrosophila suzukii(Diptera: Drosophilidae) and Its Effect on Diapause and Winter Stress Tolerance. Environmental Entomology, 2016, 45, 1081-1089.	1.4	59
46	Landscape Simplification Constrains Adult Size in a Native Ground-Nesting Bee. PLoS ONE, 2016, 11, e0150946.	2.5	61
47	A fixed-spray system for Spotted Wing Drosophila management in high tunnel bramble crops. Journal of Berry Research, 2015, 5, 81-88.	1.4	1
48	Landscape simplification decreases wild bee pollination services to strawberry. Agriculture, Ecosystems and Environment, 2015, 211, 51-56.	5.3	89
49	Simpler is better: fewer nonâ€target insects trapped with a fourâ€component chemical lure vs. a chemically more complex foodâ€type bait for <scp>D</scp>rosophila suzukii. Entomologia Experimentalis Et Applicata, 2015, 154, 251-260.	1.4	52
50	Multistate Comparison of Attractants for Monitoring Drosophila suzukii (Diptera: Drosophilidae) in Blueberries and Caneberries. Environmental Entomology, 2015, 44, 704-712.	1.4	137
51	Sucrose Improves Insecticide Activity Against Drosophila suzukii (Diptera: Drosophilidae). Journal of Economic Entomology, 2015, 108, 640-653.	1.8	57
52	Potential Impact of Halyomorpha halys (Hemiptera: Pentatomidae) on Grape Production in the Finger Lakes Region of New York. Journal of Entomological Science, 2014, 49, 290-303.	0.3	13
53	First Record ofOligosita sanguinea(Girault) (Hymenoptera: Trichogrammatidae) as an Egg Parasitoid ofHymetta balteataMcatee (Hemiptera: Cicadellidae) in Upstate New York. Entomologica Americana, 2013, 119, 42-43.	0.2	1
54	Comparison of a Synthetic Chemical Lure and Standard Fermented Baits for TrappingDrosophila suzukii(Diptera: Drosophilidae). Environmental Entomology, 2013, 42, 1052-1060.	1.4	56

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55	Influence of Trap Design on Upwind Flight Behavior and Capture of Female Grape Berry Moth (Lepidoptera: Tortricidae) With a Kairomone Lure. Environmental Entomology, 2013, 42, 150-157.	1.4	8
56	Comparison of Three Dispenser Distribution Patterns for Pheromone Mating Disruption of <I>Paralobesia viteana</I> (Lepidoptera: Tortricidae) in Vineyards. Journal of Economic Entomology, 2012, 105, 936-942.	1.8	3
57	Eavesdropping on Plant Volatiles by a Specialist Moth: Significance of Ratio and Concentration. PLoS ONE, 2011, 6, e17033.	2.5	73
58	Electrophysiological and behavioral identification of a volatile blend involved in host location of female strawberry sap beetle, Stelidota geminata. Entomologia Experimentalis Et Applicata, 2011, 140, 153-162.	1.4	6
59	Monitoring Grape Berry Moth (Paralobesia viteana: Lepidoptera) in Commercial Vineyards using a Host Plant Based Synthetic Lure. Environmental Entomology, 2011, 40, 1511-1522.	1.4	10
60	Flight Tunnel Responses of Female Grape Berry Moth (Paralobesia viteana) to Host Plants. Journal of Chemical Ecology, 2008, 34, 622-627.	1.8	28
61	Identification and Field Evaluation of Grape Shoot Volatiles Attractive to Female Grape Berry Moth (Paralobesia viteana). Journal of Chemical Ecology, 2008, 34, 1180-1189.	1.8	91
62	Historical and projected interactions between climate change and insect voltinism in a multivoltine species. Global Change Biology, 2008, 14, 951-957.	9.5	180
63	Evaluation of Cultural Practices for Potential to Control Strawberry Sap Beetle (Coleoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T f 5	1.8	2
64	Evaluation of Strawberry Sap Beetle (Coleoptera: Nitidulidae) Use of Habitats Surrounding Strawberry Plantings as Food Resources and Overwintering Sites. Environmental Entomology, 2007, 36, 1059-1065.	1.4	13
65	Lack of trade-off between direct and indirect defence against grape powdery mildew in riverbank grape. Ecological Entomology, 2006, 31, 415-422.	2.2	5
66	The effect of <scp>UVB</scp> â€blocking plastics on efficacy of Beauveria bassiana and a conventional product against Lygus lineolaris on low tunnel strawberry. Pest Management Science, 0, , .	3.4	0