

Anna K Wallingford

List of Publications by Year in descending order

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papers

748
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516710

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#	ARTICLE	IF	CITATIONS
1	<i>Drosophila suzukii</i> (Diptera: Drosophilidae): A Decade of Research Towards a Sustainable Integrated Pest Management Program. <i>Journal of Economic Entomology</i> , 2021, 114, 1950-1974.	1.8	113
2	Behavioral response of spotted-wing drosophila, <i>Drosophila suzukii</i> Matsumura, to aversive odors and a potential oviposition deterrent in the field. <i>Pest Management Science</i> , 2016, 72, 701-706.	3.4	62
3	Developmental Acclimation of <i>Drosophila suzukii</i> (Diptera: Drosophilidae) and Its Effect on Diapause and Winter Stress Tolerance. <i>Environmental Entomology</i> , 2016, 45, 1081-1089.	1.4	59
4	Grapevine rootstock effects on scion sap phenolic levels, resistance to <i>Xylella fastidiosa</i> infection, and progression of Pierce's disease. <i>Frontiers in Plant Science</i> , 2013, 4, 502.	3.6	52
5	The influence of temperature and photoperiod on the reproductive diapause and cold tolerance of spotted-wing drosophila, <i>Drosophila suzukii</i> . <i>Entomologia Experimentalis Et Applicata</i> , 2016, 159, 327-337.	1.4	48
6	Evaluating a push-pull strategy for management of <i>Drosophila suzukii</i> Matsumura in red raspberry. <i>Pest Management Science</i> , 2018, 74, 120-125.	3.4	43
7	De novo formation of an aggregation pheromone precursor by an isoprenyl diphosphate synthase-related terpene synthase in the harlequin bug. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E8634-E8641.	7.1	43
8	Phenotypic Plasticity Promotes Overwintering Survival in A Globally Invasive Crop Pest, <i>Drosophila suzukii</i> . <i>Insects</i> , 2018, 9, 105.	2.2	39
9	Interactions Between Biotic and Abiotic Factors Affect Survival in Overwintering <i>Drosophila suzukii</i> (Diptera: Drosophilidae). <i>Environmental Entomology</i> , 2019, 48, 454-464.	1.4	36
10	Comparison of Commercial Lures and Food Baits for Early Detection of Fruit Infestation Risk by <i>Drosophila suzukii</i> (Diptera: Drosophilidae). <i>Journal of Economic Entomology</i> , 2018, 111, 645-652.	1.8	32
11	Robust Manipulations of Pest Insect Behavior Using Repellents and Practical Application for Integrated Pest Management. <i>Environmental Entomology</i> , 2017, 46, 1041-1050.	1.4	31
12	Field Evaluation of an Oviposition Deterrent for Management of Spotted-Wing <i>Drosophila suzukii</i> , and Potential Nontarget Effects. <i>Journal of Economic Entomology</i> , 2016, 109, 1779-1784.	1.8	30
13	Interactions among morphotype, nutrition, and temperature impact fitness of an invasive fly. <i>Ecology and Evolution</i> , 2019, 9, 2615-2628.	1.9	23
14	Laboratory and Field Evaluation of Host-Related Foraging Odor-Cue Combinations to Attract <i>Drosophila suzukii</i> (Diptera: Drosophilidae). <i>Journal of Economic Entomology</i> , 2019, 112, 2850-2860.	1.8	21
15	Effects of cultivar, phenology, and <i>Xylella fastidiosa</i> infection on grapevine xylem sap and tissue phenolic content. <i>Physiological and Molecular Plant Pathology</i> , 2013, 84, 28-35.	2.5	20
16	Host Plant Preference of Harlequin Bug (Hemiptera: Pentatomidae), and Evaluation of a Trap Cropping Strategy for Its Control in Collard. <i>Journal of Economic Entomology</i> , 2013, 106, 283-288.	1.8	19
17	Overwintering Behavior of <i>Drosophila suzukii</i> , and Potential Springtime Diets for Egg Maturation. <i>Environmental Entomology</i> , 2018, 47, 1266-1273.	1.4	19
18	2-Pentylfuran: a novel repellent of <i>Drosophila suzukii</i> . <i>Pest Management Science</i> , 2021, 77, 1757-1764.	3.4	17

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19	Seasonal polyphenism of spotted-wing <i>Drosophila</i> is affected by variation in local abiotic conditions within its invaded range, likely influencing survival and regional population dynamics. <i>Ecology and Evolution</i> , 2020, 10, 7669-7685.	1.9	16
20	Behavioral evidence for contextual olfactory-mediated avoidance of the ubiquitous phytopathogen <i>Botrytis cinerea</i> by <i>Drosophila suzukii</i> . <i>Insect Science</i> , 2020, 27, 771-779.	3.0	11
21	Automated aerosol puffers effectively deliver 1-octen-3-ol, an oviposition antagonist useful against spotted-wing drosophila. <i>Pest Management Science</i> , 2021, 77, 389-396.	3.4	11
22	Trapping of Crucifer-Feeding Flea Beetles (<i>Phyllotreta</i> spp.) (Coleoptera: Chrysomelidae) With Pheromones and Plant Kairomones. <i>Journal of Economic Entomology</i> , 2022, 115, 748-756.	1.8	3