David J Biddinger

List of Publications by Year
in descending order

30 papers	1,069 citations	471509 17 h-index	477307 29 g-index
31 all docs	31 docs citations	31 times ranked	1024 citing authors

#	Article	IF	Citations
1	Various routes of formulated insecticide mixture whole-body acute contact toxicity to honey bees (Apis mellifera). Environmental Challenges, 2022, 6, 100408.	4.2	3
2	Wild Bee Nutritional Ecology: Integrative Strategies to Assess Foraging Preferences and Nutritional Requirements. Frontiers in Sustainable Food Systems, 2022, 6, .	3.9	6
3	Toxicity of Formulated Systemic Insecticides Used in Apple Orchard Pest Management Programs to the Honey Bee (Apis mellifera (L.)). Environments - MDPI, 2022, 9, 90.	3.3	4
4	Whole-Body Acute Contact Toxicity of Formulated Insecticide Mixtures to Blue Orchard Bees (Osmia) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.7	3
5	Apple grower pollination practices and perceptions of alternative pollinators in New York and Pennsylvania. Renewable Agriculture and Food Systems, 2020, 35, 1-14.	1.8	32
6	Environmental impacts of reduced-risk and conventional pesticide programs differ in commercial apple orchards, but similarly influence pollinator community. Chemosphere, 2020, 240, 124926.	8.2	14
7	A new ingestion bioassay protocol for assessing pesticide toxicity to the adult Japanese orchard bee (Osmia cornifrons). Scientific Reports, 2020, 10, 9517.	3.3	13
8	Introduced bees (<i>Osmia cornifrons</i>) collect pollen from both coevolved and novel host-plant species within their family-level phylogenetic preferences. Royal Society Open Science, 2020, 7, 200225.	2.4	20
9	Applications of Beauveria bassiana (Hypocreales: Cordycipitaceae) to Control Populations of Spotted Lanternfly (Hemiptera: Fulgoridae), in Semi-Natural Landscapes and on Grapevines. Environmental Entomology, 2020, 49, 854-864.	1.4	26
10	Pollen Protein: Lipid Macronutrient Ratios May Guide Broad Patterns of Bee Species Floral Preferences. Insects, 2020, 11, 132.	2.2	128
11	Pollinator exposure to systemic insecticides and fungicides applied in the previous fall and pre-bloom period in apple orchards. Environmental Pollution, 2020, 265, 114589.	7.5	29
12	Evaluation of insecticides for control of the spotted lanternfly, Lycorma delicatula, (Hemiptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 30	2.1	37
13	Parasitism of the Invasive Brown Marmorated Stink Bug, Halyomorpha halys (Hemiptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	2.8	10
14	Diversified Floral Resource Plantings Support Bee Communities after Apple Bloom in Commercial Orchards. Scientific Reports, 2019, 9, 17232.	3.3	15
15	Does Passive Sampling Accurately Reflect the Bee (Apoidea: Anthophila) Communities Pollinating Apple and Sour Cherry Orchards?. Environmental Entomology, 2017, 46, 579-588.	1.4	71
16	A native predator utilising the invasive brown marmorated stink bug, <i>Halyomorpha halys</i> (Hemiptera: Pentatomidae) as a food source. Biocontrol Science and Technology, 2017, 27, 903-907.	1.3	11
17	First Report of Native<i>Astata unicolor</i>(Hymenoptera: Crabronidae) Predation on the Nymphs and Adults of the Invasive Brown Marmorated Stink Bug (Hemiptera: Pentatomidae). Florida Entomologist, 2017, 100, 809-812.	0.5	3
18	Proximity to Woodland and Landscape Structure Drives Pollinator Visitation in Apple Orchard Ecosystem. Frontiers in Ecology and Evolution, 2016, 4, .	2.2	56

#	Article	IF	Citations
19	Modeling local spatial patterns of wild bee diversity in Pennsylvania apple orchards. Landscape Ecology, 2016, 31, 2459-2469.	4.2	21
20	Local Plant Diversity Across Multiple Habitats Supports a Diverse Wild Bee Community in Pennsylvania Apple Orchards. Environmental Entomology, 2016, 45, 32-38.	1.4	39
21	Comparative Trapping Efficiency to Characterize Bee Abundance, Diversity, and Community Composition in Apple Orchards. Annals of the Entomological Society of America, 2015, 108, 785-799.	2.5	75
22	Integrated pest and pollinator management â€" adding a new dimension to an accepted paradigm. Current Opinion in Insect Science, 2015, 10, 204-209.	4.4	90
23	Reduced-Risk Pest Management Programs for Eastern U.S. Peach Orchards: Effects on Arthropod Predators, Parasitoids, and Select Pests. Journal of Economic Entomology, 2014, 107, 1084-1091.	1.8	22
24	An immunomarking method to determine the foraging patterns of Osmia cornifrons and resulting fruit set in a cherry orchard. Apidologie, 2013, 44, 738-749.	2.0	30
25	Comparative Toxicities and Synergism of Apple Orchard Pesticides to Apis mellifera (L.) and Osmia cornifrons (Radoszkowski). PLoS ONE, 2013, 8, e72587.	2.5	127
26	Effects of the Loss of Organophosphate Pesticides in the US: Opportunities and Needs to Improve IPM Programs. Outlooks on Pest Management, 2010, 21, 161-166.	0.2	25
27	Opportunities, Experiences, and Strategies to Connect Integrated Pest Management to U.S. Department of Agriculture Conservation Programs. American Entomologist, 2009, 55, 140-146.	0.2	4
28	Coccinellidae as predators of mites: Stethorini in biological control. Biological Control, 2009, 51, 268-283.	3.0	124
29	Toxicity and Field Efficacy of Avermectins Against Codling Moth (Lepidoptera: Tortricidae) on Apples. Journal of Economic Entomology, 1995, 88, 708-715.	1.8	17
30	An updated checklist of the bees (Hymenoptera, Apoidea, Anthophila) of Pennsylvania, United States of America. Journal of Hymenoptera Research, 0, 77, 1-86.	0.8	13