Angela M Smilanich

List of Publications by Year
in descending order

30	1,903	394421 19	454955 30
papers	citations	h-index	g-index

32	32	32	2178
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Use of an exotic host plant shifts immunity, chemical defense, and viral burden in wild populations of a specialist insect herbivore. Ecology and Evolution, 2022, 12, e8723.	1.9	15
2	A neonicotinoid pesticide alters how nectar chemistry affects bees. Functional Ecology, 2022, 36, 1063-1073.	3.6	8
3	Host Plant Effects on the Caterpillar Immune Response. Fascinating Life Sciences, 2022, , 449-484.	0.9	8
4	Elevated atmospheric concentrations of CO₂ increase endogenous immune function in a specialist herbivore. Journal of Animal Ecology, 2021, 90, 628-640.	2.8	3
5	Phytochemistry reflects different evolutionary history in traditional classes versus specialized structural motifs. Scientific Reports, 2021, 11, 17247.	3.3	9
6	Good Things Come in Larger Packages: Size Matters for Adult Fruit-Feeding Butterfly Dispersal and Larval Diet Breadth. Diversity, 2021, 13, 664.	1.7	9
7	The Effect of Phenoloxidase Activity on Survival Is Host Plant Dependent in Virus-Infected Caterpillars. Journal of Insect Science, 2020, 20, .	1.5	9
8	Host plant-dependent effects of microbes and phytochemistry on the insect immune response. Oecologia, 2019, 191, 141-152.	2.0	21
9	Unlocking the genetic basis of monarch butterflies' use of medicinal plants. Molecular Ecology, 2019, 28, 4839-4841.	3.9	7
10	Host plant associated enhancement of immunity and survival in virus infected caterpillars. Journal of Invertebrate Pathology, 2018, 151, 102-112.	3.2	35
11	Modern approaches to study plantâ€“insect interactions in chemical ecology. Nature Reviews Chemistry, 2018, 2, 50-64.	30.2	97
12	Across Multiple Species, Phytochemical Diversity and Herbivore Diet Breadth Have Cascading Effects on Herbivore Immunity and Parasitism in a Tropical Model System. Frontiers in Plant Science, 2018, 9, 656.	3.6	25
13	Patterns in parasitism frequency explained by diet and immunity. Ecography, 2017, 40, 803-805.	4.5	21
14	Host conservatism, geography, and elevation in the evolution of a Neotropical moth radiation. Evolution; International Journal of Organic Evolution, 2017, 71, 2885-2900.	2.3	10
15	Intraspecific phytochemical variation shapes community and population structure for specialist caterpillars. New Phytologist, 2016, 212, 208-219.	7.3	90
16	Phytochemical diversity and synergistic effects on herbivores. Phytochemistry Reviews, 2016, 15, 1153-1166.	6.5	97
17	Does plant apparency matter? Thirty years of data provide limited support but reveal clear patterns of the effects of plant chemistry on herbivores. New Phytologist, 2016, 210, 1044-1057.	7.3	84
18	The global distribution of diet breadth in insect herbivores. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 442-447.	7.1	454

#	Article	IF	Citations
19	Phytochemical diversity drives plantâ€“insect community diversity. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 10973-10978.	7.1	246
20	Reduced consumption of protein-rich foods follows immune challenge in a polyphagous caterpillar. Journal of Experimental Biology, 2014, 217, 2250-60.	1.7	30
21	Ecological Immunology Mediated by Diet in Herbivorous Insects. Integrative and Comparative Biology, 2014, 54, 913-921.	2.0	41
22	Effects of Banana Plantation Pesticides on the Immune Response of Lepidopteran Larvae and Their Parasitoid Natural Enemies. Insects, 2012, 3, 616-628.	2.2	13
23	Novel Insights into Tritrophic Interaction Diversity and Chemical Ecology Using 16 Years of Volunteer-Supported Research.. American Entomologist, 2012, 58, 15-19.	0.2	12
24	Synergistic Effects of Iridoid Glycosides on the Survival, Development and Immune Response of a Specialist Caterpillar, Junonia coenia (Nymphalidae). Journal of Chemical Ecology, 2012, 38, 1276-1284.	1.8	62
25	Effects of Ingested Secondary Metabolites on the Immune Response of a Polyphagous Caterpillar Grammia incorrupta. Journal of Chemical Ecology, 2011, 37, 239-245.	1.8	38
26	Complex effects of parasitoids on pharmacophagy and diet choice of a polyphagous caterpillar. Oecologia, 2011, 165, 995-1005.	2.0	65
27	A quantitative evaluation of major plant defense hypotheses, nature versus nurture, and chemistry versus ants. Arthropod-Plant Interactions, 2011, 5, 125-139.	1.1	50
28	Synergistic Effects of Amides from Two Piper Species on Generalist and Specialist Herbivores. Journal of Chemical Ecology, 2010, 36, 1105-1113.	1.8	86
29	Immunological cost of chemical defence and the evolution of herbivore diet breadth. Ecology Letters, 2009, 12, 612-621.	6.4	156
30	The insect immune response and other putative defenses as effective predictors of parasitism. Ecology, 2009, 90, 1434-1440.	3.2	96