

Douglas W Tallamy

List of Publications by Year in descending order

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Version: 2024-02-01

84
papers

3,749
citations

136950

32
h-index

138484

58
g-index

86
all docs

86
docs citations

86
times ranked

2550
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of Native Plants on Bird and Butterfly Biodiversity in Suburban Landscapes. <i>Conservation Biology</i> , 2009, 23, 219-224.	4.7	275
2	Do Alien Plants Reduce Insect Biomass?. <i>Conservation Biology</i> , 2004, 18, 1689-1692.	4.7	170
3	Ranking Lepidopteran Use of Native Versus Introduced Plants. <i>Conservation Biology</i> , 2009, 23, 941-947.	4.7	152
4	Insect Parental Care. <i>BioScience</i> , 1984, 34, 20-24.	4.9	130
5	EVOLUTION OF EXCLUSIVE PATERNAL CARE IN ARTHROPODS. <i>Annual Review of Entomology</i> , 2001, 46, 139-165.	11.8	125
6	Sexual selection and the evolution of exclusive paternal care in arthropods. <i>Animal Behaviour</i> , 2000, 60, 559-567.	1.9	118
7	Courtship role reversal and deceptive signals in the long-tailed dance fly, <i>Rhamphomyia longicauda</i> . <i>Animal Behaviour</i> , 2000, 59, 411-421.	1.9	115
8	Title is missing!. <i>Journal of Chemical Ecology</i> , 1999, 25, 2285-2304.	1.8	113
9	Maternal care in <i>Gargaphia solani</i> (Hemiptera: Tingidae). <i>Animal Behaviour</i> , 1981, 29, 771-778.	1.9	109
10	Non-native plants reduce abundance, richness, and host specialization in lepidopteran communities. <i>Ecosphere</i> , 2010, 1, 1-22.	2.2	109
11	Life History Trade-Offs in <i>Gargaphia Solani</i> (Hemiptera: Tingidae): The Cost of Reproduction. <i>Ecology</i> , 1982, 63, 616-620.	3.2	104
12	Squash Beetle Feeding Behavior: An Adaptation against Induced Cucurbit Defenses. <i>Ecology</i> , 1985, 66, 1574-1579.	3.2	102
13	Nonnative plants reduce population growth of an insectivorous bird. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 11549-11554.	7.1	102
14	Native plants improve breeding and foraging habitat for an insectivorous bird. <i>Biological Conservation</i> , 2017, 213, 42-50.	4.1	98
15	Cucurbitacins as Feeding and Oviposition Deterrents to Insects. <i>Environmental Entomology</i> , 1997, 26, 678-683.	1.4	95
16	Semelparity and the evolution of maternal care in insects. <i>Animal Behaviour</i> , 1999, 57, 727-730.	1.9	89
17	Can alien plants support generalist insect herbivores?. <i>Biological Invasions</i> , 2010, 12, 2285-2292.	2.4	77
18	Migration in Heterogeneous Environments: Differences in Habitat Selection Between the Wing Forms of the Dimorphic Planthopper, <i>Prokelisia Marginata</i> (Homoptera: Delphacidae). <i>Ecology</i> , 1980, 61, 859-867.	3.2	75

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19	Variation and Function of Cucurbitacins in Cucurbita: An Examination of Current Hypotheses. <i>American Naturalist</i> , 1989, 133, 766-786.	2.1	70
20	Maternal care in the Hemiptera: ancestry, alternatives, and current adaptive value. , 0, , 94-115.		70
21	EGG DUMPING IN INSECTS. <i>Annual Review of Entomology</i> , 2005, 50, 347-370.	11.8	66
22	Copulatory courtship signals male genetic quality in cucumber beetles. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2003, 270, 77-82.	2.6	63
23	Sequestered Cucurbitacins and Pathogenicity of <i>Metarhizium anisopliae</i> (Moniliales: Moniliaceae) on Spotted Cucumber Beetle Eggs and Larvae (Coleoptera: Chrysomelidae). <i>Environmental Entomology</i> , 1998, 27, 366-372.	1.4	62
24	Bioluminescence in firefly larvae: A test of the aposematic display hypothesis (Coleoptera: Lampyridae). <i>Journal of Insect Behavior</i> , 1997, 10, 365-370.	0.7	57
25	Plant origin asymmetrically impacts feeding guilds and life stages driving community structure of herbivorous arthropods. <i>Diversity and Distributions</i> , 2013, 19, 1553-1565.	4.1	57
26	?Egg dumping? in lace bugs (<i>Gargaphia solani</i> , Hemiptera: Tingidae). <i>Behavioral Ecology and Sociobiology</i> , 1985, 17, 357-362.	1.4	53
27	Costs and benefits of the egg-dumping alternative in <i>Gargaphia</i> lace bugs (Hemiptera: Tingidae). <i>Animal Behaviour</i> , 1990, 39, 352-359.	1.9	51
28	Do non-native plants contribute to insect declines?. <i>Ecological Entomology</i> , 2021, 46, 729-742.	2.2	47
29	Age specific maternal defense in <i>Gargaphia solani</i> (Hemiptera: Tingidae). <i>Behavioral Ecology and Sociobiology</i> , 1982, 11, 7-11.	1.4	46
30	Arthropod Communities on Native and Nonnative Early Successional Plants. <i>Environmental Entomology</i> , 2013, 42, 851-859.	1.4	44
31	Affinity of Spotted Cucumber Beetle (Coleoptera: Chrysomelidae) Larvae to Cucurbitacins. <i>Environmental Entomology</i> , 1991, 20, 1173-1175.	1.4	38
32	Fate of Male-derived Cucurbitacins in Spotted Cucumber Beetle Females. <i>Journal of Chemical Ecology</i> , 2000, 26, 413-427.	1.8	38
33	Effects of non-native plants on the native insect community of Delaware. <i>Biological Invasions</i> , 2008, 10, 1159-1169.	2.4	38
34	Few keystone plant genera support the majority of Lepidoptera species. <i>Nature Communications</i> , 2020, 11, 5751.	12.8	38
35	Roadside habitat impacts insect traffic mortality. <i>Journal of Insect Conservation</i> , 2018, 22, 183-188.	1.4	36
36	Are declines in insects and insectivorous birds related?. <i>Condor</i> , 2021, 123, .	1.6	35

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37	Convergent evolution of cucurbitacin feeding in spatially isolated rootworm taxa (Coleoptera: Tj ETQq1 1 0.784314 rgBT / Overlock 10	2.7	34
38	Not all non-natives are equally unequal: reductions in herbivore diversity depend on phylogenetic similarity to native plant community. Ecology Letters, 2015, 18, 1087-1098.	6.4	32
39	Child Care among the Insects. Scientific American, 1999, 280, 72-77.	1.0	31
40	Alternative Life History Patterns in Risky Environments: An Example from Lacebugs. Proceedings in Life Sciences, 1981, , 129-147.	0.5	31
41	Effects of Age, Reproductive Activity, Sex, and Prior Exposure on Sensitivity to Cucurbitacins in Southern Corn Rootworm (Coleoptera: Chrysomelidae). Environmental Entomology, 1993, 22, 925-932.	1.4	29
42	Molecular phylogeny of rootworms and related galerucine beetles (Coleoptera: Chrysomelidae). Zoologica Scripta, 2008, 37, 195-222.	1.7	28
43	Responses of Sap-feeding Insects (Homoptera - Hemiptera) to Simplification of Host Plant Structure 1. Environmental Entomology, 1979, 8, 1021-1028.	1.4	27
44	Introduced plants reduce species interactions. Biological Invasions, 2019, 21, 983-992.	2.4	23
45	Organization of a Guild of Sap-feeding Insects: Equilibrium vs. Nonequilibrium Coexistence. Proceedings in Life Sciences, 1981, , 151-181.	0.5	22
46	Carbon Isotopic Signatures of Elytra Reflect Larval Diet in Luperine Rootworms (Coleoptera: Tj ETQq0 0 0 rgBT / Overlock 10 Jf 50 382 T	1.4	20
47	An Alternate Route to Insect Pharmacophagy: The Loose Receptor Hypothesis. Journal of Chemical Ecology, 1999, 25, 1987-1997.	1.8	20
48	Effects of age, sex, and dietary history on response to cucurbitacin in <i>Acalymma vittatum</i> . Entomologia Experimentalis Et Applicata, 2002, 104, 69-78.	1.4	20
49	An Evaluation of Butterfly Gardens for Restoring Habitat for the Monarch Butterfly (Lepidoptera: Tj ETQq1 1 0.784314 rgBT / Overlock 10	1.4	20
50	Behavioral Adaptations in Insects to Plant Allelochemicals. , 1986, , 273-300.		19
51	Age specificity of "egg dumping"™ in <i>Gargaphia solani</i> (Hemiptera: Tingidae). Animal Behaviour, 1986, 34, 599-603.	1.9	18
52	Intra- and Interspecific Genetic Variation in the Gustatory Perception of Cucurbitacins by Diabroticite Rootworms (Coleoptera: Chrysomelidae). Environmental Entomology, 1997, 26, 1364-1372.	1.4	18
53	Canopy tree preference by insectivorous birds in shade-coffee farms: Implications for migratory bird conservation. Biotropica, 2019, 51, 387-398.	1.6	18
54	Revisiting Paternal Care in the Assassin Bug, <i>Atopozelus pallens</i> (Heteroptera: Reduviidae). Journal of Insect Behavior, 2004, 17, 431-436.	0.7	17

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55	Female spotted cucumber beetles use own cuticular hydrocarbon signature to choose immunocompatible mates. <i>Animal Behaviour</i> , 2010, 80, 9-12.	1.9	17
56	Equilibrium Biogeography and Its Application to Insect Host-Parasite Systems. <i>American Naturalist</i> , 1983, 121, 244-254.	2.1	16
57	Long- and Short-Term Effect of Cucurbitacin Consumption on <i>Acalymma vittatum</i> (Coleoptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10 1.4	1.4	16
58	Reproductive and developmental biology of the emerald ash borer parasitoid <i>Spathius galinae</i> (Hymenoptera: Braconidae) as affected by temperature. <i>Biological Control</i> , 2016, 96, 1-7.	3.0	15
59	A Comparison of Malaise Trapping and Aerial Netting for Sampling a Horsefly and Deerfly Community 1 , 2. <i>Environmental Entomology</i> , 1976, 5, 788-792.	1.4	14
60	Chemical mediation of egg dumping in the lace bug <i>Gargaphia solani</i> Heidemann (Heteroptera: Tingidae). <i>Animal Behaviour</i> , 1998, 56, 1491-1495.	1.9	14
61	Title is missing!. <i>Journal of Insect Behavior</i> , 2002, 15, 467-475.	0.7	14
62	Sourcing native plants to support ecosystem function in different planting contexts. <i>Restoration Ecology</i> , 2019, 27, 470-476.	2.9	14
63	Composition and Abundance of Ground-Dwelling Coleoptera in a Fragmented and Continuous Forest. <i>Environmental Entomology</i> , 2006, 35, 1550-1560.	1.4	13
64	Do Cultivars of Native Plants Support Insect Herbivores?. <i>HortTechnology</i> , 2018, 28, 596-606.	0.9	13
65	Effect of predators and host phenology on the maternal and reproductive behaviors of <i>Gargaphia</i> lace bugs (Hemiptera: Tingidae). <i>Journal of Insect Behavior</i> , 1992, 5, 177-192.	0.7	12
66	A new record of amphisexual care in an insect with exclusive paternal care: <i>Rhynocoris tristis</i> (Heteroptera: Reduviidae). <i>Journal of Ethology</i> , 2006, 24, 305-307.	0.8	10
67	A new cucurbitacin profile for <i>Cucurbita andreana</i> : A candidate for cucurbitacin tissue culture. <i>Journal of Chemical Ecology</i> , 1993, 19, 1135-1141.	1.8	9
68	The effect of relatedness on <i>Gargaphia</i> egg dumping behaviour. <i>Animal Behaviour</i> , 1993, 45, 1239-1241.	1.9	9
69	Cucurbitacins: A Role in Cucumber Beetle Steroid Nutrition?. <i>Journal of Chemical Ecology</i> , 1999, 25, 2373-2383.	1.8	9
70	Title is missing!. <i>Journal of Insect Behavior</i> , 2002, 15, 495-511.	0.7	7
71	Maternal Care in <i>Compseuta picta</i> , an African Lace Bug (Heteroptera: Tingidae). <i>Journal of Insect Behavior</i> , 2004, 17, 247-249.	0.7	6
72	Maternal care in <i>Gargaphia decoris</i> (Heteroptera, Tingidae), with comments on this behavior within the genus and family. <i>Revista Brasileira De Entomologia</i> , 2015, 59, 104-106.	0.4	6

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73	Mating Success, Longevity, and Fertility of <i>Diabrotica virgifera virgifera</i> LeConte (Chrysomelidae:) Tj ETQq1 1 0.784314 rgBT /Overlock 11 2015, 6, 943-960.	2.2	6
74	Effect of Parasitoid: Host Ratio and Group Size on Fitness of <i>Spathius galinae</i> (Hymenoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702	1.8	6
75	Production of cucurbitacins by cucurbit cell cultures. <i>Plant Science</i> , 1998, 131, 209-218.	3.6	5
76	Female Choice by Scent Recognition in the Spotted Cucumber Beetle.. <i>Ethology</i> , 2006, 112, 300-306.	1.1	5
77	Composition and Abundance of Ground-Dwelling Coleoptera in a Fragmented and Continuous Forest. <i>Environmental Entomology</i> , 2006, 35, 1550-1560.	1.4	4
78	Lepidoptera Host Records Accurately Predict Tree Use by Foraging Birds. <i>Northeastern Naturalist</i> , 2021, 28, .	0.3	4
79	Public preferences for ecosystem services on exurban landscapes: A case study from the Mid-Atlantic, USA. <i>Heliyon</i> , 2016, 2, e00127.	3.2	3
80	Genetic Variation in the Maternal Defensive Behavior of the Lace Bug <i>Gargaphia solani</i> . , 1986, , 135-143.		3
81	Creating Living Landscapes: Why We Need to Increase Plant/Insect Linkages in Designed Landscapes. <i>HortTechnology</i> , 2017, 27, 446-452.	0.9	2
82	Predation of Dragonfly Nymphs by Passerines. <i>Northeastern Naturalist</i> , 2019, 26, .	0.3	1
83	Effects of parental diapause status and release time on field reproductive biology of the introduced egg parasitoid, <i>Oobius agrili</i> (Hymenoptera: Encyrtidae) in the Mid-Atlantic: Implications for biocontrol of the emerald ash borer (Coleoptera: Buprestidae). <i>Biological Control</i> , 2020, 149, 104342.	3.0	0
84	Effects of age, sex, and dietary history on response to cucurbitacin in <i>Acalymma vittatum</i> . , 2002, , 69-78.		0