# Douglas W Tallamy

List of Publications by Year
in descending order



| 84 | 3,749 | 136950 32 | 138484 58 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 86 | 86 | 86 | 2550 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Do nonâ€native plants contribute to insect declines?. Ecological Entomology, 2021, 46, 729-742. | 2.2 | 47 |
| 2 | Are declines in insects and insectivorous birds related?. Condor, 2021, 123, . | 1.6 | 35 |
| 3 | Lepidoptera Host Records Accurately Predict Tree Use by Foraging Birds. Northeastern Naturalist, 2021, 28, . | 0.3 | 4 |
| 4 | Few keystone plant genera support the majority of Lepidoptera species. Nature Communications, 2020, 11, 5751. | 12.8 | 38 |
| 5 | Effects of parental diapause status and release time on field reproductive biology of the introduced egg parasitoid, Oobius agrili (Hymenoptera: Encyrtidae) in the Mid-Atlantic: Implications for biocontrol of the emerald ash borer (Coleoptera: Buprestidae). Biological Control, 2020, 149, 104342. | 3.0 | 0 |
| 6 | Sourcing native plants to support ecosystem function in different planting contexts. Restoration Ecology, 2019, 27, 470-476. | 2.9 | 14 |
| 7 | Canopy tree preference by insectivorous birds in shadeâ€coffee farms: Implications for migratory bird conservation. Biotropica, 2019, 51, 387-398. | 1.6 | 18 |
| 8 | Introduced plants reduce species interactions. Biological Invasions, 2019, 21, 983-992. | 2.4 | 23 |
| 9 | Predation of Dragonfly Nymphs by Passerines. Northeastern Naturalist, 2019, 26, . | 0.3 | 1 |
| 10 | Roadside habitat impacts insect traffic mortality. Journal of Insect Conservation, 2018, 22, 183-188. | 1.4 | 36 |
| 11 | Do Cultivars of Native Plants Support Insect Herbivores?. HortTechnology, 2018, 28, 596-606. | 0.9 | 13 |
| 12 | Nonnative plants reduce population growth of an insectivorous bird. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 11549-11554. | 7.1 | 102 |
| 13 | Creating Living Landscapes: Why We Need to Increase Plant/Insect Linkages in Designed Landscapes. HortTechnology, 2017, 27, 446-452. | 0.9 | 2 |
| 14 | Native plants improve breeding and foraging habitat for an insectivorous bird. Biological Conservation, 2017, 213, 42-50. | 4.1 | 98 |
| 15 | Public preferences for ecosystem services on exurban landscapes: A case study from the Mid-Atlantic, USA. Heliyon, 2016, 2, e00127. | 3.2 | 3 |
| 16 | Reproductive and developmental biology of the emerald ash borer parasitoid Spathius galinae (Hymenoptera: Braconidae) as affected by temperature. Biological Control, 2016, 96, 1-7. | 3.0 | 15 |
| 17 | Maternal care in Gargaphia decoris (Heteroptera, Tingidae), with comments on this behavior within the genus and family. Revista Brasileira De Entomologia, 2015, 59, 104-106. | 0.4 | 6 |
| 18 | Not all nonâ€natives are equally unequal: reductions in herbivore Î²â€diversity depend on phylogenetic similarity to native plant community. Ecology Letters, 2015, 18, 1087-1098. | 6.4 | 32 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Mating Success, Longevity, and Fertility of Diabrotica virgifera virgifera LeConte (Chrysomelidae:) Tj ETQq1 1 0.784314 rgBT /Overloc 2015, 6, 943-960. | 2.2 | 6 |
| 20 | An Evaluation of Butterfly Gardens for Restoring Habitat for the Monarch Butterfly (Lepidoptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 | 1.4 | 20 |
| 21 | Effect of Parasitoid: Host Ratio and Group Size on Fitness of Spathius galinae (Hymenoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 1 | 1.8 | 6 |
| 22 | Plant origin asymmetrically impacts feeding guilds and life stages driving community structure of herbivorous arthropods. Diversity and Distributions, 2013, 19, 1553-1565. | 4.1 | 57 |
| 23 | Arthropod Communities on Native and Nonnative Early Successional Plants. Environmental Entomology, 2013, 42, 851-859. | 1.4 | 44 |
| 24 | Can alien plants support generalist insect herbivores?. Biological Invasions, 2010, 12, 2285-2292. | 2.4 | 77 |
| 25 | Female spotted cucumber beetles use own cuticular hydrocarbon signature to choose immunocompatible mates. Animal Behaviour, 2010, 80, 9-12. | 1.9 | 17 |
| 26 | Nonâ€native plants reduce abundance, richness, and host specialization in lepidopteran communities. Ecosphere, 2010, 1, 1-22. | 2.2 | 109 |
| 27 | Impact of Native Plants on Bird and Butterfly Biodiversity in Suburban Landscapes. Conservation Biology, 2009, 23, 219-224. | 4.7 | 275 |
| 28 | Ranking Lepidopteran Use of Native Versus Introduced Plants. Conservation Biology, 2009, 23, 941-947. | 4.7 | 152 |
| 29 | Effects of non-native plants on the native insect community of Delaware. Biological Invasions, 2008, 10, 1159-1169. | 2.4 | 38 |
| 30 | Molecular phylogeny of rootworms and related galerucine beetles (Coleoptera: Chrysomelidae). Zoologica Scripta, 2008, 37, 195-222. | 1.7 | 28 |
| 31 | Composition and Abundance of Ground-Dwelling Coleoptera in a Fragmented and Continuous Forest. Environmental Entomology, 2006, 35, 1550-1560. | 1.4 | 13 |
| 32 | Female Choice by Scent Recognition in the Spotted Cucumber Beetle.. Ethology, 2006, 112, 300-306. | 1.1 | 5 |
| 33 | A new record of amphisexual care in an insect with exclusive paternal care: Rhynocoris tristis (Heteroptera: Reduviidae). Journal of Ethology, 2006, 24, 305-307. | 0.8 | 10 |
| 34 | Composition and Abundance of Ground-Dwelling Coleoptera in a Fragmented and Continuous Forest. Environmental Entomology, 2006, 35, 1550-1560. | 1.4 | 4 |
| 35 | EGG DUMPING IN INSECTS. Annual Review of Entomology, 2005, 50, 347-370. | 11.8 | 66 |
| 36 | Do Alien Plants Reduce Insect Biomass?. Conservation Biology, 2004, 18, 1689-1692. | 4.7 | 170 |

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|---|---|---|---|
| 37 | Maternal Care in Compseuta picta, an African Lace Bug (Heteroptera: Tingidae). Journal of Insect Behavior, 2004, 17, 247-249. | 0.7 | 6 |
| 38 | Revisiting Paternal Care in the Assassin Bug, Atopozelus pallens (Heteroptera: Reduviidae). Journal of Insect Behavior, 2004, 17, 431-436. | 0.7 | 17 |
| 39 | Convergent evolution of cucurbitacin feeding in spatially isolated rootworm taxa (Coleoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 1 | 2.7 | 34 |
| 40 | Copulatory courtship signals male genetic quality in cucumber beetles. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 77-82. | 2.6 | 63 |
| 41 | Effects of age, sex, and dietary history on response to cucurbitacin in Acalymma vittatum. Entomologia Experimentalis Et Applicata, 2002, 104, 69-78. | 1.4 | 20 |
| 42 | Title is missing!. Journal of Insect Behavior, 2002, 15, 467-475. | 0.7 | 14 |
| 43 | Title is missing!. Journal of Insect Behavior, 2002, 15, 495-511. | 0.7 | 7 |
| 44 | Effects of age, sex, and dietary history on response to cucurbitacin in Acalymma vittatum. , 2002, , 69-78. | | 0 |
| 45 | EVOLUTION OFEXCLUSIVEPATERNALCARE INARTHROPODS. Annual Review of Entomology, 2001, 46, 139-165. | 11.8 | 125 |
| 46 | Fate of Male-derived Cucurbitacins in Spotted Cucumber Beetle Females. Journal of Chemical Ecology, 2000, 26, 413-427. | 1.8 | 38 |
| 47 | Courtship role reversal and deceptive signals in the long-tailed dance fly, Rhamphomyia longicauda. Animal Behaviour, 2000, 59, 411-421. | 1.9 | 115 |
| 48 | Sexual selection and the evolution of exclusive paternal care in arthropods. Animal Behaviour, 2000, 60, 559-567. | 1.9 | 118 |
| 49 | Child Care among the Insects. Scientific American, 1999, 280, 72-77. | 1.0 | 31 |
| 50 | Semelparity and the evolution of maternal care in insects. Animal Behaviour, 1999, 57, 727-730. | 1.9 | 89 |
| 51 | Title is missing!. Journal of Chemical Ecology, 1999, 25, 2285-2304. | 1.8 | 113 |
| 52 | Cucurbitacins: A Role in Cucumber Beetle Steroid Nutrition?. Journal of Chemical Ecology, 1999, 25, 2373-2383. | 1.8 | 9 |
| 53 | An Alternate Route to Insect Pharmacophagy: The Loose Receptor Hypothesis. Journal of Chemical Ecology, 1999, 25, 1987-1997. | 1.8 | 20 |
| 54 | Chemical mediation of egg dumping in the lace bugGargaphia solaniHeidemann (Heteroptera: Tingidae). Animal Behaviour, 1998, 56, 1491-1495. | 1.9 | 14 |

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|---|---|---|---|
| 55 | Production of cucurbitacins by cucurbit cell cultures. Plant Science, 1998, 131, 209-218. | 3.6 | 5 |
| 56 | Sequestered Cucurbitacins and Pathogenicity of Metarhizium anisopliae (Moniliales: Moniliaceae) on Spotted Cucumber Beetle Eggs and Larvae (Coleoptera: Chrysomelidae). Environmental Entomology, 1998, 27, 366-372. | 1.4 | 62 |
| 57 | Cucurbitacins as Feeding and Oviposition Deterrents to Insects. Environmental Entomology, 1997, 26, 678-683. | 1.4 | 95 |
| 58 | 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 |
| 59 | Long- and Short-Term Effect of Cucurbitacin Consumption on Acalymma vittatum (Coleoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock | 1.4 | 16 |
| 60 | Bioluminescence in firefly larvae: A test of the aposematic display hypothesis (Coleoptera: Lampyridae). Journal of Insect Behavior, 1997, 10, 365-370. | 0.7 | 57 |
| 61 | Carbon Isotopic Signatures of Elytra Reflect Larval Diet in Luperine Rootworms (Coleoptera:) Tj ETQq1 1 0.784314 rgBT /Overlock 10 | 1.4 | 20 |
| 62 | A new cucurbitacin profile forCucurbita andreana: A candidate for cucurbitacin tissue culture. Journal of Chemical Ecology, 1993, 19, 1135-1141. | 1.8 | 9 |
| 63 | The effect of relatedness on Gargaphia egg dumping behaviour. Animal Behaviour, 1993, 45, 1239-1241. | 1.9 | 9 |
| 64 | 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 |
| 65 | Effect of predators and host phenology on the maternal and reproductive behaviors ofGargaphia lace bugs (Hemiptera: Tingidae). Journal of Insect Behavior, 1992, 5, 177-192. | 0.7 | 12 |
| 66 | Affinity of Spotted Cucumber Beetle (Coleoptera: Chrysomelidae) Larvae to Cucurbitacins. Environmental Entomology, 1991, 20, 1173-1175. | 1.4 | 38 |
| 67 | Costs and benefits of the egg-dumping alternative in Gargaphia lace bugs (Hemiptera: Tingidae). Animal Behaviour, 1990, 39, 352-359. | 1.9 | 51 |
| 68 | Variation and Function of Cucurbitacins in Cucurbita: An Examination of Current Hypotheses. American Naturalist, 1989, 133, 766-786. | 2.1 | 70 |
| 69 | Age specificity of â€˜egg dumpingâ€™ in Gargaphia solani (Hemiptera: Tingidae). Animal Behaviour, 1986, 34, 599-603. | 1.9 | 18 |
| 70 | Behavioral Adaptations in Insects to Plant Allelochemicals. , 1986, , 273-300. | | 19 |
| 71 | Genetic Variation in the Maternal Defensive Behavior of the Lace Bug Gargaphia solani. , 1986, , 135-143. | | 3 |
| 72 | ?Egg dumping? in lace bugs (Gargaphia solani, Hemiptera: Tingidae). Behavioral Ecology and Sociobiology, 1985, 17, 357-362. | 1.4 | 53 |

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|---|---|---|---|
| 73 | Squash Beetle Feeding Behavior: An Adaptation against Induced Cucurbit Defenses. Ecology, 1985, 66, 1574-1579. | 3.2 | 102 |
| 74 | Insect Parental Care. BioScience, 1984, 34, 20-24. | 4.9 | 130 |
| 75 | Equilibrium Biogeography and Its Application to Insect Host-Parasite Systems. American Naturalist, 1983, 121, 244-254. | 2.1 | 16 |
| 76 | Life History Trade-Offs in Gargaphia Solani (Hemiptera: Tingidae): The Cost of Reproduction. Ecology, 1982, 63, 616-620. | 3.2 | 104 |
| 77 | Age specific maternal defense in Gargaphia solani (Hemiptera: Tingidae). Behavioral Ecology and Sociobiology, 1982, 11, 7-11. | 1.4 | 46 |
| 78 | Maternal care in Gargaphia solani (Hemiptera: Tingidae). Animal Behaviour, 1981, 29, 771-778. | 1.9 | 109 |
| 79 | Organization of a Guild of Sap-feeding Insects: Equilibrium vs. Nonequilibrium Coexistence. Proceedings in Life Sciences, 1981, , 151-181. | 0.5 | 22 |
| 80 | Alternative Life History Patterns in Risky Environments: An Example from Lacebugs. Proceedings in Life Sciences, 1981, , 129-147. | 0.5 | 31 |
| 81 | Migration in Heterogeneous Environments: Differences in Habitat Selection Between the Wing Forms of the Dimorphic Planthopper, Prokelisia Marginata (Homoptera: Delphacidae). Ecology, 1980, 61, 859-867. | 3.2 | 75 |
| 82 | Responses of Sap-feeding Insects (Homoptera - Hemiptera) to Simplification of Host Plant Structure 1. Environmental Entomology, 1979, 8, 1021-1028. | 1.4 | 27 |
| 83 | A Comparison of Malaise Trapping and Aerial Netting for Sampling a Horsefly and Deerfly Community 1 , 2. Environmental Entomology, 1976, 5, 788-792. | 1.4 | 14 |
| 84 | Maternal care in the Hemiptera: ancestry, alternatives, and current adaptive value. , 0, , 94-115. | | 70 |