

Evan Siemann

List of Publications by Citations

Source: <https://exaly.com/author-pdf/11637010/evan-siemann-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

85
papers

6,607
citations

34
h-index

81
g-index

85
ext. papers

7,280
ext. citations

5.4
avg, IF

5.73
L-index

#	Paper	IF	Citations
85	The Influence of Functional Diversity and Composition on Ecosystem Processes. <i>Science</i> , 1997 , 277, 1300-1302	33.3	1999
84	Phenotypic and genetic differentiation between native and introduced plant populations. <i>Oecologia</i> , 2005 , 144, 1-11	2.9	766
83	Experimental tests of the dependence of arthropod diversity on plant diversity. <i>American Naturalist</i> , 1998 , 152, 738-50	3.7	435
82	EXPERIMENTAL TESTS OF EFFECTS OF PLANT PRODUCTIVITY AND DIVERSITY ON GRASSLAND ARTHROPOD DIVERSITY. <i>Ecology</i> , 1998 , 79, 2057-2070	4.6	331
81	Genetic differences in growth of an invasive tree species. <i>Ecology Letters</i> , 2001 , 4, 514-518	10	253
80	Insect species diversity, abundance and body size relationships. <i>Nature</i> , 1996 , 380, 704-706	50.4	168
79	Changes in light and nitrogen availability under pioneer trees may indirectly facilitate tree invasions of grasslands. <i>Journal of Ecology</i> , 2003 , 91, 923-931	6	120
78	Reduced resistance of invasive varieties of the alien tree <i>Sapium sebiferum</i> to a generalist herbivore. <i>Oecologia</i> , 2003 , 135, 451-7	2.9	114
77	HERBIVORY, DISEASE, RECRUITMENT LIMITATION, AND SUCCESS OF ALIEN AND NATIVE TREE SPECIES. <i>Ecology</i> , 2003 , 84, 1489-1505	4.6	112
76	Resource allocation to defence and growth are driven by different responses to generalist and specialist herbivory in an invasive plant. <i>Journal of Ecology</i> , 2010 , 98, 1157-1167	6	103
75	An experimental test of the effect of plant functional group diversity on arthropod diversity. <i>Oikos</i> , 2000 , 89, 243-253	4	96
74	Rapid adaptation of insect herbivores to an invasive plant. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2006 , 273, 2763-9	4.4	86
73	Negative plant-soil feedbacks may limit persistence of an invasive tree due to rapid accumulation of soil pathogens. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2007 , 274, 2621-7	4.4	85
72	Biodiversity and Ecosystem Properties. <i>Science</i> , 1997 , 278, 1865c-1869	33.3	83
71	Increased competitive ability and herbivory tolerance in the invasive plant <i>Sapium sebiferum</i> . <i>Biological Invasions</i> , 2008 , 10, 291-302	2.7	82
70	INCREASED COMPETITIVE ABILITY OF AN INVASIVE TREE MAY BE LIMITED BY AN INVASIVE BEETLE 2003 , 13, 1503-1507		78
69	Dynamics of plant and arthropod diversity during old field succession. <i>Ecography</i> , 1999 , 22, 406-414	6.5	75

68	Invasive ecotypes tolerate herbivory more effectively than native ecotypes of the Chinese tallow tree <i>Sapium sebiferum</i> . <i>Journal of Applied Ecology</i> , 2004 , 41, 561-570	5.8	71
67	Abundance, diversity and body size: patterns from a grassland arthropod community. <i>Journal of Animal Ecology</i> , 1999 , 68, 824-835	4.7	69
66	Experimental test of the impacts of feral hogs on forest dynamics and processes in the southeastern US. <i>Forest Ecology and Management</i> , 2009 , 258, 546-553	3.9	63
65	Effects of simulated herbivory and resource availability on native and invasive exotic tree seedlings. <i>Basic and Applied Ecology</i> , 2002 , 3, 297-307	3.2	63
64	Constraints on the utilisation of the invasive Chinese tallow tree <i>Sapium sebiferum</i> by generalist native herbivores in coastal prairies. <i>Ecological Entomology</i> , 2004 , 29, 66-75	2.1	59
63	Plant-soil biota interactions of an invasive species in its native and introduced ranges: Implications for invasion success. <i>Soil Biology and Biochemistry</i> , 2013 , 65, 78-85	7.5	58
62	Decreased resistance and increased tolerance to native herbivores of the invasive plant <i>Sapium sebiferum</i> . <i>Ecography</i> , 2008 , 31, 663-671	6.5	58
61	Genetic variation in anti-herbivore chemical defences in an invasive plant. <i>Journal of Ecology</i> , 2012 , 100, 894-904	6	57
60	Short-term and Long-term Effects of Burning on Oak Savanna Arthropods. <i>American Midland Naturalist</i> , 1997 , 137, 349	0.7	55
59	Herbivory Tolerance and Compensatory Differences in Native and Invasive Ecotypes of Chinese Tallow Tree (<i>Sapium sebiferum</i>). <i>Plant Ecology</i> , 2005 , 181, 57-68	1.7	50
58	Lower resistance and higher tolerance of invasive host plants: biocontrol agents reach high densities but exert weak control 2011 , 21, 729-38		48
57	Geographic distribution of genetic variation among native and introduced populations of Chinese tallow tree, <i>Triadica sebifera</i> (Euphorbiaceae). <i>American Journal of Botany</i> , 2011 , 98, 1128-38	2.7	46
56	The effect of Chinese tallow tree (<i>Sapium sebiferum</i>) ecotype on soil-plant system carbon and nitrogen processes. <i>Oecologia</i> , 2006 , 150, 272-81	2.9	40
55	Species-specific defence responses facilitate conspecifics and inhibit heterospecifics in above-belowground herbivore interactions. <i>Nature Communications</i> , 2014 , 5, 4851	17.4	39
54	Plasticity of <i>Sapium sebiferum</i> seedling growth to light and water resources: Inter- and intraspecific comparisons. <i>Basic and Applied Ecology</i> , 2009 , 10, 79-88	3.2	38
53	The effects of soil biota and fertilization on the success of <i>Sapium sebiferum</i> . <i>Applied Soil Ecology</i> , 2008 , 38, 1-11	5	38
52	Comparisons of arthropod assemblages on an invasive and native trees: abundance, diversity and damage. <i>Arthropod-Plant Interactions</i> , 2010 , 4, 237-245	2.2	35
51	GAPS IN MAMMALIAN BODY SIZE DISTRIBUTIONS REEXAMINED. <i>Ecology</i> , 1999 , 80, 2788-2792	4.6	33

50	Invader partitions ecological and evolutionary responses to above- and belowground herbivory. <i>Ecology</i> , 2012 , 93, 2343-52	4.6	31
49	Effects of simulated herbivory and resources on Chinese tallow tree (<i>Sapium sebiferum</i> , Euphorbiaceae) invasion of native coastal prairie. <i>American Journal of Botany</i> , 2003 , 90, 243-9	2.7	31
48	Decomposition of <i>Phragmites australis</i> litter retarded by invasive <i>Solidago canadensis</i> in mixtures: an antagonistic non-additive effect. <i>Scientific Reports</i> , 2014 , 4, 5488	4.9	29
47	Interactive effects of herbivory and competition intensity determine invasive plant performance. <i>Oecologia</i> , 2012 , 170, 373-82	2.9	29
46	Facilitation and inhibition: changes in plant nitrogen and secondary metabolites mediate interactions between above-ground and below-ground herbivores. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2013 , 280, 20131318	4.4	29
45	Responses of Prairie Arthropod Communities to Fire and Fertilizer: Balancing Plant and Arthropod Conservation. <i>American Midland Naturalist</i> , 2007 , 157, 92-105	0.7	29
44	Damage Induced Production of Extrafloral Nectaries in Native and Invasive Seedlings of Chinese Tallow Tree (<i>Sapium sebiferum</i>). <i>American Midland Naturalist</i> , 2003 , 149, 413-417	0.7	28
43	The role of soil resources in an exotic tree invasion in Texas coastal prairie. <i>Journal of Ecology</i> , 2007 , 95, 689-697	6	26
42	Mechanisms of Chinese tallow (<i>Triadica sebifera</i>) invasion and their management implications [A review]. <i>Forest Ecology and Management</i> , 2017 , 404, 1-13	3.9	25
41	Non-native plant litter enhances soil carbon dioxide emissions in an invaded annual grassland. <i>PLoS ONE</i> , 2014 , 9, e92301	3.7	22
40	Evolutionary dynamics of tree invasions: complementing the unified framework for biological invasions. <i>AoB PLANTS</i> , 2016 ,	2.9	20
39	Recruitment Limitation, Seedling Performance and Persistence of Exotic Tree Monocultures. <i>Biological Invasions</i> , 2006 , 8, 979-991	2.7	19
38	Increasing flavonoid concentrations in root exudates enhance associations between arbuscular mycorrhizal fungi and an invasive plant. <i>ISME Journal</i> , 2021 , 15, 1919-1930	11.9	19
37	Interactive effects of elevated CO ₂ and nitrogen deposition accelerate litter decomposition cycles of invasive tree (<i>Triadica sebifera</i>). <i>Forest Ecology and Management</i> , 2017 , 385, 189-197	3.9	18
36	Specificity of extrafloral nectar induction by herbivores differs among native and invasive populations of tallow tree. <i>Annals of Botany</i> , 2013 , 112, 751-6	4.1	18
35	Effects of nutrient loading and extreme rainfall events on coastal tallgrass prairies: invasion intensity, vegetation responses, and carbon and nitrogen distribution. <i>Global Change Biology</i> , 2007 , 13, 2184-2192	11.4	18
34	Conspecific plasticity and invasion: invasive populations of Chinese tallow (<i>Triadica sebifera</i>) have performance advantage over native populations only in low soil salinity. <i>PLoS ONE</i> , 2013 , 8, e74961	3.7	18
33	Loss of specificity: native but not invasive populations of <i>Triadica sebifera</i> vary in tolerance to different herbivores. <i>Oecologia</i> , 2014 , 174, 863-71	2.9	17

32	Positive and negative biotic interactions and invasive <i>Triadica sebifera</i> tolerance to salinity: a cross-continent comparative study. <i>Oikos</i> , 2015 , 124, 216-224	4	17
31	Induction of extrafloral nectar depends on herbivore type in invasive and native Chinese tallow seedlings. <i>Basic and Applied Ecology</i> , 2012 , 13, 449-457	3.2	17
30	Mycorrhizal associations of an invasive tree are enhanced by both genetic and environmental mechanisms. <i>Ecography</i> , 2015 , 38, 1112-1118	6.5	16
29	Environmental Variability and Ontogenetic Niche Shifts in Exotic Plants May Govern Reinvasion Pressure in Restorations of Invaded Ecosystems. <i>Restoration Ecology</i> , 2012 , 20, 545-550	3.1	16
28	Factors affecting hatching success of golden apple snail eggs: Effects of water immersion and cannibalism. <i>Wetlands</i> , 2008 , 28, 544-549	1.7	16
27	Below-ground herbivory limits induction of extrafloral nectar by above-ground herbivores. <i>Annals of Botany</i> , 2015 , 115, 841-6	4.1	14
26	Experimental test of the Invasional Meltdown Hypothesis: an exotic herbivore facilitates an exotic plant, but the plant does not reciprocally facilitate the herbivore. <i>Freshwater Biology</i> , 2015 , 60, 1475-1482	3.1	14
25	Plant genotypes affect aboveground and belowground herbivore interactions by changing chemical defense. <i>Oecologia</i> , 2016 , 182, 1107-1115	2.9	14
24	Decreased indirect defense in the invasive tree, <i>Triadica sebifera</i> . <i>Plant Ecology</i> , 2012 , 213, 945-954	1.7	14
23	The effects of fertilization on plant-soil interactions and salinity tolerance of invasive <i>Triadica sebifera</i> . <i>Plant and Soil</i> , 2015 , 394, 99-107	4.2	13
22	Perennial forb invasions alter greenhouse gas balance between ecosystem and atmosphere in an annual grassland in China. <i>Science of the Total Environment</i> , 2018 , 642, 781-788	10.2	13
21	Chinese tallow trees (<i>Triadica sebifera</i>) from the invasive range outperform those from the native range with an active soil community or phosphorus fertilization. <i>PLoS ONE</i> , 2013 , 8, e74233	3.7	12
20	Differences in cold hardiness between introduced populations of an invasive tree. <i>Biological Invasions</i> , 2012 , 14, 2029-2038	2.7	11
19	Male-biased sex ratio increases female egg laying and fitness in the housefly, <i>Musca domestica</i> . <i>Journal of Ethology</i> , 2012 , 30, 247-254	1.1	11
18	Rapid ontogenetic niche expansions in invasive Chinese tallow tree permit establishment in unfavourable but variable environments and can be exploited to streamline restoration. <i>Journal of Applied Ecology</i> , 2013 , 50, 748-756	5.8	9
17	Restoring an Invaded Prairie by Mulching Live <i>Sapium sebiferum</i> (Chinese Tallow Trees): Effects of Mulch on <i>Sapium</i> Seed Germination. <i>Natural Areas Journal</i> , 2006 , 26, 244-253	0.8	9
16	Timing of favorable conditions, competition and fertility interact to govern recruitment of invasive Chinese tallow tree in stressful environments. <i>PLoS ONE</i> , 2013 , 8, e71446	3.7	7
15	An experimental test of the EICA Hypothesis in multiple ranges: invasive populations outperform those from the native range independent of insect herbivore suppression. <i>AoB PLANTS</i> , 2016 ,	2.9	7

14	Invasive plant population and herbivore identity affect latex induction. <i>Ecological Entomology</i> , 2014 , 39, 1-9	2.1	6
13	Nutrient enrichment increases plant biomass and exotic plant proportional cover independent of warming in freshwater wetland communities. <i>Plant Ecology</i> , 2017 , 218, 835-842	1.7	5
12	Chemical responses of an invasive plant to herbivory and abiotic environments reveal a novel invasion mechanism. <i>Science of the Total Environment</i> , 2020 , 741, 140452	10.2	5
11	Invasive <i>Spartina alterniflora</i> exhibits increased resistance but decreased tolerance to a generalist insect in China. <i>Journal of Pest Science</i> , 2019 , 92, 823-833	5.5	5
10	Repeated damage by specialist insects suppresses the growth of a high tolerance invasive tree. <i>BioControl</i> , 2016 , 61, 793-801	2.3	5
9	Effects of above- and belowground herbivory of specialists and generalists on the growth and defensive chemicals of introduced and native Chinese tallow seedlings. <i>Plant and Soil</i> , 2020 , 455, 65-78	4.2	4
8	Biogeographic variation of distance-dependent effects in an invasive tree species. <i>Functional Ecology</i> , 2019 , 33, 1135-1143	5.6	4
7	Differences in seed properties and germination between native and introduced populations of <i>Triadica sebifera</i> . <i>Journal of Plant Ecology</i> , 2020 , 13, 70-77	1.7	3
6	GAPS IN MAMMALIAN BODY SIZE DISTRIBUTIONS REEXAMINED 1999 , 80, 2788		2
5	Eco-evolutionary Dynamics of Above- and Belowground Herbivores and Invasive Plants. <i>Ecological Studies</i> , 2018 , 271-291	1.1	2
4	Effects of soil biota on growth, resistance and tolerance to herbivory in <i>Triadica sebifera</i> plants. <i>Geoderma</i> , 2021 , 402, 115191	6.7	2
3	UV-B has larger negative impacts on invasive populations of <i>Triadica sebifera</i> but ozone impacts do not vary. <i>Journal of Plant Ecology</i> , 2015 , rtv045	1.7	1
2	Species specific plant-mediated effects between herbivores converge at high damage intensity.. <i>Ecology</i> , 2022 , e3647	4.6	1
1	The effects of light availability on plant-soil interactions and salinity tolerance of invasive tree species, <i>Triadica sebifera</i> . <i>Forest Ecology and Management</i> , 2022 , 506, 119964	3.9	