

# Evan Siemann

## List of Publications by Year in Descending Order

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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	Species specific plant-mediated effects between herbivores converge at high damage intensity.. <i>Ecology</i> , <b>2022</b> , e3647	4.6	1
84	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> , <b>2022</b> , 506, 119964	3.9	
83	Increasing flavonoid concentrations in root exudates enhance associations between arbuscular mycorrhizal fungi and an invasive plant. <i>ISME Journal</i> , <b>2021</b> , 15, 1919-1930	11.9	19
82	Effects of soil biota on growth, resistance and tolerance to herbivory in <i>Triadica sebifera</i> plants. <i>Geoderma</i> , <b>2021</b> , 402, 115191	6.7	2
81	Chemical responses of an invasive plant to herbivory and abiotic environments reveal a novel invasion mechanism. <i>Science of the Total Environment</i> , <b>2020</b> , 741, 140452	10.2	5
80	Differences in seed properties and germination between native and introduced populations of <i>Triadica sebifera</i> . <i>Journal of Plant Ecology</i> , <b>2020</b> , 13, 70-77	1.7	3
79	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> , <b>2020</b> , 455, 65-78	4.2	4
78	Invasive <i>Spartina alterniflora</i> exhibits increased resistance but decreased tolerance to a generalist insect in China. <i>Journal of Pest Science</i> , <b>2019</b> , 92, 823-833	5.5	5
77	Biogeographic variation of distance-dependent effects in an invasive tree species. <i>Functional Ecology</i> , <b>2019</b> , 33, 1135-1143	5.6	4
76	Perennial forb invasions alter greenhouse gas balance between ecosystem and atmosphere in an annual grassland in China. <i>Science of the Total Environment</i> , <b>2018</b> , 642, 781-788	10.2	13
75	Eco-evolutionary Dynamics of Above- and Belowground Herbivores and Invasive Plants. <i>Ecological Studies</i> , <b>2018</b> , 271-291	1.1	2
74	Nutrient enrichment increases plant biomass and exotic plant proportional cover independent of warming in freshwater wetland communities. <i>Plant Ecology</i> , <b>2017</b> , 218, 835-842	1.7	5
73	Interactive effects of elevated CO <sub>2</sub> and nitrogen deposition accelerate litter decomposition cycles of invasive tree ( <i>Triadica sebifera</i> ). <i>Forest Ecology and Management</i> , <b>2017</b> , 385, 189-197	3.9	18
72	Mechanisms of Chinese tallow ( <i>Triadica sebifera</i> ) invasion and their management implications [A review]. <i>Forest Ecology and Management</i> , <b>2017</b> , 404, 1-13	3.9	25
71	Plant genotypes affect aboveground and belowground herbivore interactions by changing chemical defense. <i>Oecologia</i> , <b>2016</b> , 182, 1107-1115	2.9	14
70	Evolutionary dynamics of tree invasions: complementing the unified framework for biological invasions. <i>AoB PLANTS</i> , <b>2016</b> ,	2.9	20
69	Repeated damage by specialist insects suppresses the growth of a high tolerance invasive tree. <i>BioControl</i> , <b>2016</b> , 61, 793-801	2.3	5

68	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> , <b>2016</b> ,	2.9	7
67	Mycorrhizal associations of an invasive tree are enhanced by both genetic and environmental mechanisms. <i>Ecography</i> , <b>2015</b> , 38, 1112-1118	6.5	16
66	Below-ground herbivory limits induction of extrafloral nectar by above-ground herbivores. <i>Annals of Botany</i> , <b>2015</b> , 115, 841-6	4.1	14
65	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> , <b>2015</b> , rtv045	1.7	1
64	The effects of fertilization on plant-soil interactions and salinity tolerance of invasive <i>Triadica sebifera</i> . <i>Plant and Soil</i> , <b>2015</b> , 394, 99-107	4.2	13
63	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> , <b>2015</b> , 60, 1475-1482 <sup>21</sup>	3.1	14
62	Positive and negative biotic interactions and invasive <i>Triadica sebifera</i> tolerance to salinity: a cross-continent comparative study. <i>Oikos</i> , <b>2015</b> , 124, 216-224	4	17
61	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> , <b>2014</b> , 4, 5488	4.9	29
60	Loss of specificity: native but not invasive populations of <i>Triadica sebifera</i> vary in tolerance to different herbivores. <i>Oecologia</i> , <b>2014</b> , 174, 863-71	2.9	17
59	Non-native plant litter enhances soil carbon dioxide emissions in an invaded annual grassland. <i>PLoS ONE</i> , <b>2014</b> , 9, e92301	3.7	22
58	Species-specific defence responses facilitate conspecifics and inhibit heterospecifics in above-belowground herbivore interactions. <i>Nature Communications</i> , <b>2014</b> , 5, 4851	17.4	39
57	Invasive plant population and herbivore identity affect latex induction. <i>Ecological Entomology</i> , <b>2014</b> , 39, 1-9	2.1	6
56	Plant-soil biota interactions of an invasive species in its native and introduced ranges: Implications for invasion success. <i>Soil Biology and Biochemistry</i> , <b>2013</b> , 65, 78-85	7.5	58
55	Specificity of extrafloral nectar induction by herbivores differs among native and invasive populations of tallow tree. <i>Annals of Botany</i> , <b>2013</b> , 112, 751-6	4.1	18
54	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> , <b>2013</b> , 280, 20131318	4.4	29
53	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> , <b>2013</b> , 50, 748-756	5.8	9
52	Timing of favorable conditions, competition and fertility interact to govern recruitment of invasive Chinese tallow tree in stressful environments. <i>PLoS ONE</i> , <b>2013</b> , 8, e71446	3.7	7
51	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> , <b>2013</b> , 8, e74233	3.7	12

50	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> , <b>2013</b> , 8, e74961	3.7	18
49	Invader partitions ecological and evolutionary responses to above- and belowground herbivory. <i>Ecology</i> , <b>2012</b> , 93, 2343-52	4.6	31
48	Interactive effects of herbivory and competition intensity determine invasive plant performance. <i>Oecologia</i> , <b>2012</b> , 170, 373-82	2.9	29
47	Differences in cold hardiness between introduced populations of an invasive tree. <i>Biological Invasions</i> , <b>2012</b> , 14, 2029-2038	2.7	11
46	Induction of extrafloral nectar depends on herbivore type in invasive and native Chinese tallow seedlings. <i>Basic and Applied Ecology</i> , <b>2012</b> , 13, 449-457	3.2	17
45	Environmental Variability and Ontogenetic Niche Shifts in Exotic Plants May Govern Reinvasion Pressure in Restorations of Invaded Ecosystems. <i>Restoration Ecology</i> , <b>2012</b> , 20, 545-550	3.1	16
44	Genetic variation in anti-herbivore chemical defences in an invasive plant. <i>Journal of Ecology</i> , <b>2012</b> , 100, 894-904	6	57
43	Decreased indirect defense in the invasive tree, <i>Triadica sebifera</i> . <i>Plant Ecology</i> , <b>2012</b> , 213, 945-954	1.7	14
42	Male-biased sex ratio increases female egg laying and fitness in the housefly, <i>Musca domestica</i> . <i>Journal of Ethology</i> , <b>2012</b> , 30, 247-254	1.1	11
41	Lower resistance and higher tolerance of invasive host plants: biocontrol agents reach high densities but exert weak control <b>2011</b> , 21, 729-38		48
40	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> , <b>2011</b> , 98, 1128-38	2.7	46
39	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> , <b>2010</b> , 98, 1157-1167	6	103
38	Comparisons of arthropod assemblages on an invasive and native trees: abundance, diversity and damage. <i>Arthropod-Plant Interactions</i> , <b>2010</b> , 4, 237-245	2.2	35
37	Plasticity of <i>Sapium sebiferum</i> seedling growth to light and water resources: Inter- and intraspecific comparisons. <i>Basic and Applied Ecology</i> , <b>2009</b> , 10, 79-88	3.2	38
36	Experimental test of the impacts of feral hogs on forest dynamics and processes in the southeastern US. <i>Forest Ecology and Management</i> , <b>2009</b> , 258, 546-553	3.9	63
35	Decreased resistance and increased tolerance to native herbivores of the invasive plant <i>Sapium sebiferum</i> . <i>Ecography</i> , <b>2008</b> , 31, 663-671	6.5	58
34	The effects of soil biota and fertilization on the success of <i>Sapium sebiferum</i> . <i>Applied Soil Ecology</i> , <b>2008</b> , 38, 1-11	5	38
33	Increased competitive ability and herbivory tolerance in the invasive plant <i>Sapium sebiferum</i> . <i>Biological Invasions</i> , <b>2008</b> , 10, 291-302	2.7	82

32	Factors affecting hatching success of golden apple snail eggs: Effects of water immersion and cannibalism. <i>Wetlands</i> , <b>2008</b> , 28, 544-549	1.7	16
31	Responses of Prairie Arthropod Communities to Fire and Fertilizer: Balancing Plant and Arthropod Conservation. <i>American Midland Naturalist</i> , <b>2007</b> , 157, 92-105	0.7	29
30	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> , <b>2007</b> , 13, 2184-2192	11.4	18
29	The role of soil resources in an exotic tree invasion in Texas coastal prairie. <i>Journal of Ecology</i> , <b>2007</b> , 95, 689-697	6	26
28	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> , <b>2007</b> , 274, 2621-7	4.4	85
27	Rapid adaptation of insect herbivores to an invasive plant. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2006</b> , 273, 2763-9	4.4	86
26	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> , <b>2006</b> , 26, 244-253	0.8	9
25	Recruitment Limitation, Seedling Performance and Persistence of Exotic Tree Monocultures. <i>Biological Invasions</i> , <b>2006</b> , 8, 979-991	2.7	19
24	The effect of Chinese tallow tree ( <i>Sapium sebiferum</i> ) ecotype on soil-plant system carbon and nitrogen processes. <i>Oecologia</i> , <b>2006</b> , 150, 272-81	2.9	40
23	Phenotypic and genetic differentiation between native and introduced plant populations. <i>Oecologia</i> , <b>2005</b> , 144, 1-11	2.9	766
22	Herbivory Tolerance and Compensatory Differences in Native and Invasive Ecotypes of Chinese Tallow Tree ( <i>Sapium sebiferum</i> ). <i>Plant Ecology</i> , <b>2005</b> , 181, 57-68	1.7	50
21	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> , <b>2004</b> , 29, 66-75	2.1	59
20	Invasive ecotypes tolerate herbivory more effectively than native ecotypes of the Chinese tallow tree <i>Sapium sebiferum</i> . <i>Journal of Applied Ecology</i> , <b>2004</b> , 41, 561-570	5.8	71
19	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> , <b>2003</b> , 90, 243-9	2.7	31
18	Reduced resistance of invasive varieties of the alien tree <i>Sapium sebiferum</i> to a generalist herbivore. <i>Oecologia</i> , <b>2003</b> , 135, 451-7	2.9	114
17	Changes in light and nitrogen availability under pioneer trees may indirectly facilitate tree invasions of grasslands. <i>Journal of Ecology</i> , <b>2003</b> , 91, 923-931	6	120
16	Damage Induced Production of Extrafloral Nectaries in Native and Invasive Seedlings of Chinese Tallow Tree ( <i>Sapium sebiferum</i> ). <i>American Midland Naturalist</i> , <b>2003</b> , 149, 413-417	0.7	28
15	HERBIVORY, DISEASE, RECRUITMENT LIMITATION, AND SUCCESS OF ALIEN AND NATIVE TREE SPECIES. <i>Ecology</i> , <b>2003</b> , 84, 1489-1505	4.6	112

14	INCREASED COMPETITIVE ABILITY OF AN INVASIVE TREE MAY BE LIMITED BY AN INVASIVE BEETLE <b>2003</b> , 13, 1503-1507		78
13	Effects of simulated herbivory and resource availability on native and invasive exotic tree seedlings. <i>Basic and Applied Ecology</i> , <b>2002</b> , 3, 297-307	3.2	63
12	Genetic differences in growth of an invasive tree species. <i>Ecology Letters</i> , <b>2001</b> , 4, 514-518	10	253
11	An experimental test of the effect of plant functional group diversity on arthropod diversity. <i>Oikos</i> , <b>2000</b> , 89, 243-253	4	96
10	GAPS IN MAMMALIAN BODY SIZE DISTRIBUTIONS REEXAMINED. <i>Ecology</i> , <b>1999</b> , 80, 2788-2792	4.6	33
9	Abundance, diversity and body size: patterns from a grassland arthropod community. <i>Journal of Animal Ecology</i> , <b>1999</b> , 68, 824-835	4.7	69
8	Dynamics of plant and arthropod diversity during old field succession. <i>Ecography</i> , <b>1999</b> , 22, 406-414	6.5	75
7	GAPS IN MAMMALIAN BODY SIZE DISTRIBUTIONS REEXAMINED <b>1999</b> , 80, 2788		2
6	Experimental tests of the dependence of arthropod diversity on plant diversity. <i>American Naturalist</i> , <b>1998</b> , 152, 738-50	3.7	435
5	EXPERIMENTAL TESTS OF EFFECTS OF PLANT PRODUCTIVITY AND DIVERSITY ON GRASSLAND ARTHROPOD DIVERSITY. <i>Ecology</i> , <b>1998</b> , 79, 2057-2070	4.6	331
4	Short-term and Long-term Effects of Burning on Oak Savanna Arthropods. <i>American Midland Naturalist</i> , <b>1997</b> , 137, 349	0.7	55
3	The Influence of Functional Diversity and Composition on Ecosystem Processes. <i>Science</i> , <b>1997</b> , 277, 1300-1302	13.02	1999
2	Biodiversity and Ecosystem Properties. <i>Science</i> , <b>1997</b> , 278, 1865c-1869	33.3	83
1	Insect species diversity, abundance and body size relationships. <i>Nature</i> , <b>1996</b> , 380, 704-706	50.4	168