Peter Stiling

List of Publications by Year
in descending order

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98 papers	5,066 citations	117625 34 h-index	95266 68 g-index
98 all docs	98 docs citations	98 times ranked	4194 citing authors

#	Article	IF	Citations
1	How Risky is Biological Control?. Ecology, 1996, 77, 1965-1974.	3.2	579
2	Testing the enemy release hypothesis: a review and meta-analysis. Biological Invasions, 2006, 8, 1535-1545.	2.4	475
3	How does elevated carbon dioxide (CO₂) affect plantâ€“herbivore interactions? A field experiment and metaâ€analysis of CO₂â€mediated changes on plant chemistry and herbivore performance. Global Change Biology, 2007, 13, 1823-1842.	9.5	358
4	Risks of species introduced for biological control. Biological Conservation, 1996, 78, 185-192.	4.1	243
5	What makes a successful biocontrol agent? A meta-analysis of biological control agent performance. Biological Control, 2005, 34, 236-246.	3.0	238
6	Why Do Natural Enemies Fail in Classical Biological Control Programs?. American Entomologist, 1993, 39, 31-37.	0.2	181
7	Non-additive effects of multiple natural enemies on aphid populations. Oecologia, 1996, 108, 375-379.	2.0	167
8	Quality or quantity: the direct and indirect effects of host plants on herbivores and their natural enemies. Oecologia, 2005, 142, 413-420.	2.0	122
9	LOCAL ADAPTATION AND AGENTS OF SELECTION IN A MOBILE INSECT. Evolution; International Journal of Organic Evolution, 1995, 49, 810-815.	2.3	119
10	Calculating the Establishment Rates of Parasitoids in Classical Biological Control. American Entomologist, 1990, 36, 225-230.	0.2	101
11	EXPERIMENTAL MANIPULATIONS OF TOP-DOWN AND BOTTOM-UP FACTORS IN A TRI-TROPHIC SYSTEM. Ecology, 1997, 78, 1602-1606.	3.2	101
12	The Double-Edged Sword of Biological Control in Conservation and Restoration. Conservation Biology, 2004, 18, 50-53.	4.7	86
13	NITROGEN CYCLING DURING SEVEN YEARS OF ATMOSPHERIC CO2ENRICHMENT IN A SCRUB OAK WOODLAND. Ecology, 2006, 87, 26-40.	3.2	77
14	Elevated atmospheric CO2 lowers herbivore abundance, but increases leaf abscission rates. Global Change Biology, 2002, 8, 658-667.	9.5	76
15	Complex Effects of Genotype and Environment on Insect Herbivores and Their Enemies. Ecology, 1996, 77, 2212-2218.	3.2	73
16	Elevated CO 2 lowers relative and absolute herbivore density across all species of a scrub-oak forest. Oecologia, 2003, 134, 82-87.	2.0	72
17	SPATIOTEMPORAL VARIATION IN LEAFMINER POPULATION STRUCTURE AND ADAPTATION TO INDIVIDUAL OAK TREES. Ecology, 2000, 81, 1577-1587.	3.2	71
18	Larval Dispersion and Survivorship in a Leaf-Mining Moth. Ecology, 1987, 68, 1647-1657.	3.2	64

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19	Local Adaptation and Agents of Selection in a Mobile Insect. Evolution; International Journal of Organic Evolution, 1995, 49, 810.	2.3	61
20	Perfect is best: low leaf fluctuating asymmetry reduces herbivory by leaf miners. Oecologia, 2005, 142, 46-56.	2.0	60
21	The influence of salt and nitrogen on herbivore abundance: direct and indirect effects. Oecologia, 1998, 113, 400-405.	2.0	57
22	Does enemy release matter for invasive plants? evidence from a comparison of insect herbivore damage among invasive, non-invasive and native congeners. Biological Invasions, 2007, 9, 773-781.	2.4	56
23	Leaf Abscission: Induced Defense against Pests or Response to Damage?. Oikos, 1989, 55, 43.	2.7	54
24	RELATIVE IMPORTANCE OF ABIOTICALLY INDUCED DIRECT AND INDIRECT EFFECTS ON A SALT-MARSH HERBIVORE. Ecology, 2000, 81, 470-481.	3.2	49
25	The Frequency and Strength of Nontarget Effects of Invertebrate Biological Control Agents of Plant Pests and Weeds. , 2000, , 31-43.		49
26	THE EFFECTS OF SALINITY AND NUTRIENTS ON A TRITROPHIC SALT-MARSH SYSTEM. Ecology, 2002, 83, 2465-2476.	3.2	48
27	Does low nutritional quality act as a plant defence? An experimental test of the slow-growth, high-mortality hypothesis. Ecological Entomology, 2006, 31, 32-40.	2.2	47
28	Does Spatial Scale Affect the Incidence of Density Dependence? A Field Test with Insect Parasitoids. Ecology, 1991, 72, 2143-2154.	3.2	42
29	Variation in rates of leaf abscission between plants may affect the distribution patterns of sessile insects. Oecologia, 1991, 88, 367-370.	2.0	42
30	The effects of abiotically induced changes in host plant quality (and morphology) on a salt marsh planthopper and its parasitoid. Ecological Entomology, 2000, 25, 325-331.	2.2	40
31	Title is missing!. Biological Invasions, 2002, 4, 273-281.	2.4	40
32	Associational resistance mediated by natural enemies. Ecological Entomology, 2003, 28, 587-592.	2.2	40
33	Effects of elevated CO2 on foliar quality and herbivore damage in a scrub oak ecosystem. Journal of Chemical Ecology, 2005, 31, 267-286.	1.8	38
34	Evidence for hostâ€associated races in a gallâ€forming midge: tradeâ€offs in potential fecundity. Ecological Entomology, 1999, 24, 95-102.	2.2	36
35	Biological Control not on Target. Biological Invasions, 2004, 6, 151-159.	2.4	36
36	Induced Defensive Response of Myrtle Oak to Foliar Insect Herbivory in Ambient and Elevated Co2. Journal of Chemical Ecology, 2004, 30, 1143-1152.	1.8	36

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37	THE INFLUENCE OF A SALINITY AND NUTRIENT GRADIENT ON COASTAL VS. UPLAND TRITROPHIC COMPLEXES. Ecology, 2004, 85, 2709-2716.	3.2	36
38	Top-down, bottom-up, or side to side? Within-trophic-level interactions modify trophic dynamics of a salt marsh herbivore. Oikos, 2002, 98, 480-490.	2.7	35
39	Clumped distribution of oak leaf miners between and within plants. Basic and Applied Ecology, 2008, 9, 67-77.	2.7	35
40	Elevated CO2 decreases leaf fluctuating asymmetry and herbivory by leaf miners on two oak species. Global Change Biology, 2004, 10, 27-36.	9.5	33
41	Selecting for Tolerance against Pathogens and Herbivores to Enhance Success of Reintroduction and Translocation. Conservation Biology, 2012, 26, 586-592.	4.7	32
42	Life History and Parasites of Asphondylia borrichiae (Diptera: Cecidomyiidae), a Gall Maker on Borrichia frutescens. Florida Entomologist, 1992, 75, 130.	0.5	31
43	DECREASED LEAF-MINER ABUNDANCE IN ELEVATED CO2: REDUCED LEAF QUALITY AND INCREASED PARASITOID ATTACK. , 1999, 9, 240-244.		31
44	Endangered Cactus Restoration: Mitigating the Non-Target Effects of a Biological Control Agent (Cactoblastis cactorum) in Florida. Restoration Ecology, 2004, 12, 605-610.	2.9	30
45	Similar responses of insect herbivores to leaf fluctuating asymmetry. Arthropod-Plant Interactions, 2011, 5, 59-69.	1.1	30
46	The influence of species identity and herbivore feeding mode on top-down and bottom-up effects in a salt marsh system. Oecologia, 2002, 133, 243-253.	2.0	29
47	Responses of different herbivore guilds to nutrient addition and natural enemy exclusion. Ecoscience, 2006, 13, 66-74.	1.4	28
48	Coastal insect herbivore communities are affected more by local environmental conditions than by plant genotype. Ecological Entomology, 1995, 20, 184-190.	2.2	27
49	Effects of Key deer herbivory on forest communities in the lower Florida Keys. Biological Conservation, 2006, 129, 100-108.	4.1	27
50	Intraspecific Variation in Growth Rate, Size, and Parasitism of Galls Induced by Asphondylia borrichiae (Diptera: Cecidomyiidae) on Three Host Species. Annals of the Entomological Society of America, 1995, 88, 39-44.	2.5	25
51	Trade-off in oviposition strategy: choosing poor quality host plants reduces mortality from natural enemies for a salt marsh planthopper. Ecological Entomology, 2006, 31, 236-241.	2.2	25
52	Coastal insect herbivore populations are strongly influenced by environmental variation. Ecological Entomology, 1994, 19, 39-44.	2.2	24
53	Seasonal variability in the effect of elevated CO2on ecosystem leaf area index in a scrub-oak ecosystem. Global Change Biology, 2002, 8, 931-940.	9.5	24
54	Seeing the forest for the trees: longâ€term exposure to elevated CO₂increases some herbivore densities. Global Change Biology, 2009, 15, 1895-1902.	9.5	24

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55	Deme Formation in a Dispersive Gall-Forming Midge. , 1998, , 22-36.		22
56	Differential effects of elevated CO2 on acorn density, weight, germination, and predation among three oak species in a scrub-oak forest. Global Change Biology, 2004, 10, 228-232.	9.5	20
57	Effects of Cactoblastis cactorum on the survival and growth of North American Opuntia. Biological Invasions, 2012, 14, 2355-2367.	2.4	20
58	Direct and legacy effects of longâ€term elevated <scp>CO</scp>₂ on fine root growth and plantâ€“insect interactions. New Phytologist, 2013, 200, 788-795.	7.3	20
59	HOW RISKY IS BIOLOGICAL CONTROL? REPLY. Ecology, 1998, 79, 1834-1836.	3.2	19
60	The difficulties of single factor thinking in restoration. Biological Conservation, 2000, 94, 327-333.	4.1	19
61	Effects of Elevated CO2 and Herbivore Damage on Litter Quality in a Scrub Oak Ecosystem. Journal of Chemical Ecology, 2005, 31, 2343-2356.	1.8	19
62	Exploitative Competition Strongly Affects the Herbivorous Insect Community on Baccharis halimifolia. Oikos, 1997, 79, 521.	2.7	18
63	Elevated CO2 increases the long-term decomposition rate of Quercus myrtifolia leaf litter. Global Change Biology, 2006, 12, 568-577.	9.5	18
64	Spatial, bottomâ€up, and topâ€down effects on the abundance of a leaf miner. Ecography, 2009, 32, 459-467.	4.5	18
65	Herbivory by an introduced Asian weevil negatively affects population growth of an invasive Brazilian shrub in Florida. Ecology, 2012, 93, 1902-1911.	3.2	18
66	DIRECT AND INDIRECT EFFECTS OF PLANT CLONE AND LOCAL ENVIRONMENT ON HERBIVORE ABUNDANCE. Ecology, 2000, 81, 281-285.	3.2	17
67	Comparing the effects of the exotic cactus-feeding moth, Cactoblastis cactorum (Berg) (Lepidoptera:) Tj ETQq1 1 0.784314 rgBT /Ov on two species of Florida Opuntia. Biological Invasions, 2009, 11, 619-624.	2.4	17
68	Relationships among Key deer, insect herbivores, and plant quality. Ecological Research, 2007, 22, 268-273.	1.5	16
69	Ant predation on an invasive herbivore: can an extrafloral nectar-producing plant provide associational resistance to Opuntia individuals?. Biological Invasions, 2011, 13, 2261-2273.	2.4	15
70	Biology of and Rates of Parasitism by Nymphal and Adult Parasites of the Salt-Marsh-Inhabiting Planthoppers Prokelisia marginata and P. dolus. Florida Entomologist, 1991, 74, 81.	0.5	14
71	Non-random distribution among a guild of parasitoids: implications for community structure and host survival. Ecological Entomology, 2006, 31, 557-563.	2.2	14
72	INSECT HERBIVORE FAUNAL DIVERSITY AMONG INVASIVE, NON-INVASIVE AND NATIVE EUGENIA SPECIES: IMPLICATIONS FOR THE ENEMY RELEASE HYPOTHESIS. Florida Entomologist, 2006, 89, 475-484.	0.5	14

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73	Small Variations over Large Scales: Fluctuating Asymmetry over the Range of Two Oak Species. International Journal of Plant Sciences, 2010, 171, 303-309.	1.3	14
74	ARE TROPHODYNAMIC MODELS WORTH THEIR SALT? TOP-DOWN AND BOTTOM-UP EFFECTS ALONG A SALINITY GRADIENT. Ecology, 2005, 86, 1730-1736.	3.2	13
75	Experimental tests of trophic dynamics: taking a closer look. Oecologia, 1999, 119, 275-280.	2.0	12
76	Seedlings of the introduced invasive shrub Eugenia uniflora (Myrtaceae) outperform those of its native and introduced non-invasive congeners in Florida. Biological Invasions, 2013, 15, 1973-1987.	2.4	12
77	Spatiotemporal Variation in Leafminer Population Structure and Adaptation to Individual Oak Trees. Ecology, 2000, 81, 1577.	3.2	12
78	Weak Competition between Coastal Insect Herbivores. Florida Entomologist, 1999, 82, 599.	0.5	11
79	BOTTOM-UP AND TOP-DOWN EFFECTS ON INSECT HERBIVORES DO NOT VARY AMONG SITES OF DIFFERENT SALINITY. Ecology, 2006, 87, 2673-2679.	3.2	10
80	Longâ€term exposure to elevated CO₂ in a Florida scrubâ€oak forest increases herbivore densities but has no effect on other arthropod guilds. Insect Conservation and Diversity, 2010, 3, 152-156.	3.0	10
81	Gopher tortoise herbivory increases plant species richness and diversity. Plant Ecology, 2019, 220, 383-391.	1.6	10
82	The influence of legacy effects and recovery from perturbations in a tritrophic salt marsh complex. Ecological Entomology, 2003, 28, 457-466.	2.2	8
83	Tritrophic interactions and trade-offs in herbivore fecundity on hybridising host plants. Ecological Entomology, 2004, 29, 255-263.	2.2	8
84	Effects of nutrients and parasitism on the density of a salt marsh planthopper suppressed by within-trophic-level interactions. Ecological Entomology, 2005, 30, 642-649.	2.2	8
85	Fire, hurricane and carbon dioxide: effects on net primary production of a subtropical woodland. New Phytologist, 2013, 200, 767-777.	7.3	8
86	Key Deer Impacts on Hardwood Hammocks Near Urban Areas. Journal of Wildlife Management, 2006, 70, 1574-1579.	1.8	7
87	Death and Decline of a Rare Cactus in Florida. Castanea, 2010, 75, 190-197.	0.1	7
88	Effects of aphid-tending Argentine ants, nitrogen enrichment and early-season herbivory on insects hosted by a coastal shrub. Biological Invasions, 2009, 11, 183-191.	2.4	6
89	Experimental Manipulations of Top-Down and Bottom-Up Factors in a Tri-Trophic System. Ecology, 1997, 78, 1602.	3.2	6
90	Decreased Leaf-Miner Abundance in Elevated CO 2 : Reduced Leaf Quality and Increased Parasitoid Attack. , 1999, 9, 240.		5

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91	Release from herbivory does not confer invasion success for Eugenia uniflora in Florida. Oecologia, 2014, 174, 817-826.	2.0	5
92	Indirect competitive effects of stemborers on a gall community. Entomologia Experimentalis Et Applicata, 2015, 154, 23-27.	1.4	4
93	Lack of Associational Effects between Two Hosts of an Invasive Herbivore:OpuntiaSpp. andCactoblastis cactorum(Lepidoptera: Pyralidae). Florida Entomologist, 2012, 95, 1048-1057.	0.5	3
94	Effects of Relative Host Plant Abundance, Density and Inter-Patch Distance on Associational Resistance to a Coastal Gall-Making Midge,Asphondylia borrichiae(Diptera: Cecidomyiidae). Florida Entomologist, 2013, 96, 1143-1148.	0.5	3
95	Greenhouse Gases, Global Warming, and Insects. , 2009, , 428-431.		2
96	Gopher Tortoise (Gopherus polyphemus) Gut Passage Can Alter Seed Germinability. American Midland Naturalist, 2019, 182, 181.	0.4	2
97	Relative Importance of Abiotically Induced Direct and Indirect Effects on a Salt-Marsh Herbivore. Ecology, 2000, 81, 470.	3.2	2
98	Effects of large-scale host plant addition and removal on parasitoid-mediated associational resistance in the gall midgeAsphondylia borrichiae. Ecological Entomology, 2013, 38, 531-534.	2.2	0