Stanley H Faeth

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10575105/publications.pdf

Version: 2024-02-01

91	12,228	66343	53230
papers	citations	42 h-index	85 g-index

92	92	92	11477
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Global Change and the Ecology of Cities. Science, 2008, 319, 756-760.	12.6	4,931
2	From patterns to emerging processes in mechanistic urban ecology. Trends in Ecology and Evolution, 2006, 21, 186-191.	8.7	947
3	Evolution of endophyte?plant symbioses. Trends in Plant Science, 2004, 9, 275-280.	8.8	521
4	Invasion, Competition, and Biodiversity Loss in Urban Ecosystems. BioScience, 2010, 60, 199-208.	4.9	388
5	Trophic Dynamics in Urban Communities. BioScience, 2005, 55, 399.	4.9	363
6	Urban biodiversity: patterns and mechanisms. Annals of the New York Academy of Sciences, 2011, 1223, 69-81.	3.8	361
7	Model systems in ecology: dissecting the endophyteâ€“grass literature. Trends in Plant Science, 2006, 11, 428-433.	8.8	265
8	Are endophytic fungi defensive plant mutualists?. Oikos, 2002, 98, 25-36.	2.7	262
9	Fungal Endophytes: Common Host Plant Symbionts but Uncommon Mutualists. Integrative and Comparative Biology, 2002, 42, 360-368.	2.0	241
10	Indirect Interactions Between Temporally Separated Herbivores Mediated by the Host Plant. Ecology, 1986, 67, 479-494.	3.2	232
11	Mutualistic Asexual Endophytes in a Native Grass Are Usually Parasitic. American Naturalist, 2003, 161, 310-325.	2.1	189
12	Search for Cell Motility and Angiogenesis Inhibitors with Potential Anticancer Activity:Â Beauvericin and Other Constituents of Two Endophytic Strains ofFusarium oxysporum1. Journal of Natural Products, 2007, 70, 227-232.	3.0	168
13	Early Leaf Abscission: A Neglected Source of Mortality for Folivores. American Naturalist, 1981, 117, 409-415.	2.1	155
14	Effect of Vertebrate Grazing on Plant and Insect Community Structure. Conservation Biology, 1999, 13, 1047-1054.	4.7	143
15	The consequences of larval aggregation in the butterfly Chlosyne lacinia. Ecological Entomology, 1997, 22, 408-415.	2.2	120
16	Urban biogeography. Oecologia, 1978, 32, 127-133.	2.0	118
17	Asexual Neotyphodium endophytes in a native grass reduce competitive abilities. Ecology Letters, 2004, 7, 304-313.	6.4	112
18	Distribution, abundances, and associations of the endophytic fungal community of Arizona fescue (Festuca arizonica). Mycologia, 1998, 90, 569-578.	1.9	109

#	Article	IF	Citations
19	FUNGAL ENDOPHYTES IN OAK TREES: LONG-TERM PATTERNS OF ABUNDANCE AND ASSOCIATIONS WITH LEAFMINERS. Ecology, 1997, 78, 810-819.	3.2	105
20	The evolution of egg clustering in butterflies: A test of the egg desiccation hypothesis. Evolutionary Ecology, 1998, 12, 543-552.	1.2	101
21	Abundances and Diversity of Leaf-Mining Insects on Three Oak Host Species: Effects of Host-Plant Phenology and Nitrogen Content of Leaves. Oikos, 1981, 37, 238.	2.7	96
22	The Ultimate Basis of the Caching Preferences of Rodents, and the Oak-Dispersal Syndrome: Tannins, Insects, and Seed Germination1. American Zoologist, 2001, 41, 840-851.	0.7	77
23	Altertoxins with potent anti-HIV activity from Alternaria tenuissima QUE1Se, a fungal endophyte of Quercus emoryi. Bioorganic and Medicinal Chemistry, 2014, 22, 6112-6116.	3.0	76
24	The Ultimate Basis of the Caching Preferences of Rodents, and the Oak-Dispersal Syndrome: Tannins, Insects, and Seed Germination. American Zoologist, 2001, 41, 840-851.	0.7	73
25	Distribution, Abundances, and Associations of the Endophytic Fungal Community of Arizona Fescue (Festuca arizonica). Mycologia, 1998, 90, 569.	1.9	66
26	Peramine alkaloid variation in Neotyphodium-infected Arizona fescue: effects of endophyte and host genotype and environment. Journal of Chemical Ecology, 2002, 28, 1511-1526.	1.8	62
27	Variation in arthropod communities in response to urbanization: Seven years of arthropod monitoring in a desert city. Landscape and Urban Planning, 2011, 103, 383-399.	7.5	62
28	Quantitative defense theory and patterns of feeding by oak insects. Oecologia, 1985, 68, 34-40.	2.0	61
29	Leafminers on Oak: The Role of Immigration and In Situ Reproductive Recruitment. Ecology, 1983, 64, 191-204.	3.2	55
30	Aggregation of a Leafminer, Cameraria Sp. Nov. (Davis): Consequences and Causes. Journal of Animal Ecology, 1990, 59, 569.	2.8	55
31	Irrigation and Land Use Drive Ground Arthropod Community Patterns in an Urban Desert. Environmental Entomology, 2006, 35, 1532-1540.	1.4	55
32	Asexual Fungal Symbionts Alter Reproductive Allocation and Herbivory over Time in Their Native Perennial Grass Hosts. American Naturalist, 2009, 173, 554-565.	2.1	53
33	Ethanolic Echinacea purpurea Extracts Contain a Mixture of Cytokine-Suppressive and Cytokine-Inducing Compounds, Including Some That Originate from Endophytic Bacteria. PLoS ONE, 2015, 10, e0124276.	2.5	53
34	Effect of Oak Leaf Size on Abundance, Dispersion, and Survival of the Leafminer Cameraria sp. (Lepidoptera: Gracillariidae). Environmental Entomology, 1991, 20, 196-204.	1.4	52
35	Endophytic fungi alter foraging and dispersal by desert seed-harvesting ants. Oecologia, 1993, 95, 470-473.	2.0	52
36	Temporal and Spatial Variation in Alkaloid Levels in Achnatherum robustum, a Native Grass Infected with the Endophyte Neotyphodium. Journal of Chemical Ecology, 2006, 32, 307-324.	1.8	52

#	Article	IF	Citations
37	Endophytic fungi and interactions among host plants, herbivores, and natural enemies. , 2002, , 89-123.		50
38	Community Structure and Folivorous Insect Outbreaks: The Roles of Vertical and Horizontal Interactions. , 1987, , 135-171.		50
39	Selective oviposition by a leaf miner in response to temporal variation in abscission. Oecologia, 1986, 69, 117-120.	2.0	48
40	Interspecific and Intraspecific Interactions Via Plant Responses to Folivory: An Experimental Field Test. Ecology, 1992, 73, 1802-1813.	3.2	48
41	FUNGAL ENDOPHYTES IN OAK TREES: EXPERIMENTAL ANALYSES OF INTERACTIONS WITH LEAFMINERS. Ecology, 1997, 78, 820-827.	3.2	48
42	Asexual endophytes and associated alkaloids alter arthropod community structure and increase herbivore abundances on a native grass. Ecology Letters, 2010, 13, 106-117.	6.4	48
43	Experimental Isolation of Oak Host Plants: Effects on Mortality, Survivorship, and Abundances of Leaf-Mining Insects. Ecology, 1981, 62, 625-635.	3.2	46
44	Alkaloid Variation Among Epichloid Endophytes of Sleepygrass (Achnatherum robustum) and Consequences for Resistance to Insect Herbivores. Journal of Chemical Ecology, 2015, 41, 93-104.	1.8	46
45	DO FUNGAL ENDOPHYTES RESULT IN SELECTION FOR LEAFMINER OVIPOSITIONAL PREFERENCE?. Ecology, 2001, 82, 1097-1111.	3.2	42
46	Fungal grass endophytes and arthropod communities: lessons from plant defence theory and multitrophic interactions. Fungal Ecology, 2012, 5, 364-371.	1.6	42
47	Urbanization is not associated with increased abundance or decreased richness of terrestrial animals - dissecting the literature through meta-analysis. Urban Ecosystems, 2016, 19, 1251-1264.	2.4	41
48	Ecology of plant-herbivore communities: A fungal component?. Natural Toxins, 1993, 1, 197-208.	1.0	40
49	Does An Asexual Endophyte Symbiont Alter Life Stage and Long-Term Survival in a Perennial Host Grass?. Microbial Ecology, 2006, 52, 748-755.	2.8	39
50	Environmental conditions and host plant origin override endophyte effects on invertebrate communities. Fungal Diversity, 2011, 47, 109-118.	12.3	39
51	Effect of Endophytic Fungi on Herbivory by Redlegged Grasshoppers (Orthoptera: Acrididae) on Arizona Fescue. Environmental Entomology, 1995, 24, 1576-1580.	1.4	38
52	Reduced Wind Speed Improves Plant Growth in a Desert City. PLoS ONE, 2010, 5, e11061.	2.5	38
53	The Effects of Endophytes on Seed Production and Seed Predation of Tall Fescue and Meadow Fescue. Microbial Ecology, 2010, 60, 928-934.	2.8	35
54	Interacting effects of increased tannin levels on leafâ€mining insects. Entomologia Experimentalis Et Applicata, 1986, 40, 297-301.	1.4	34

#	Article	IF	Citations
55	Abundance and mortality of leaf miners on artificially shaded Emory oak. Ecological Entomology, 1988, 13, 131-142.	2.2	33
56	Do defoliation and subsequent phytochemical responses reduce future herbivory on oak trees?. Journal of Chemical Ecology, 1992, 18, 915-925.	1.8	31
57	Interspecific and intraspecific hybridEpichloÃ«species symbiotic with the North American native grassPoa alsodes. Mycologia, 2017, 109, 459-474.	1.9	30
58	Patterns of intra- and interspecific association in leaf-mining insects on three oak host species. Ecological Entomology, 1985, 10, 121-129.	2.2	29
59	Fungal endophytes and phytochemistry of oak foliage: determinants of oviposition preference of leafminers?. Oecologia, 1996, 108, 728-736.	2.0	29
60	Big Sacaton and Endophyte-Infected Arizona Fescue Germination under Water Stress. Journal of Range Management, 2003, 56, 616.	0.3	29
61	Phylogenetic and chemical diversity of fungal endophytes isolated fromSilybum marianum(L) Gaertn. (milk thistle). Mycology, 2015, 6, 8-27.	4.4	29
62	Hybridization in Endophyte Symbionts Alters Host Response to Moisture and Nutrient Treatments. Microbial Ecology, 2010, 59, 768-775.	2.8	28
63	Inherited microbial symbionts increase herbivore abundances and alter arthropod diversity on a native grass. Ecology, 2010, 91, 1329-1343.	3.2	27
64	Local Adaptation in Festuca arizonica Infected by Hybrid and Nonhybrid Neotyphodium Endophytes. Microbial Ecology, 2008, 55, 697-704.	2.8	26
65	Control of arthropod abundance, richness, and composition in a heterogeneous desert city. Ecological Monographs, 2012, 82, 85-100.	5.4	26
66	Asexual Endophytes in a Native Grass: Tradeoffs in Mortality, Growth, Reproduction, and Alkaloid Production. Microbial Ecology, 2010, 60, 496-504.	2.8	23
67	Neotyphodium fungal endophyte in tall fescue (Schedonorus phoenix): a comparison of three Northern European wild populations and the cultivar Kentucky-31. Fungal Diversity, 2013, 60, 15-24.	12.3	22
68	Irrigation and Land Use Drive Ground Arthropod Community Patterns in an Urban Desert. Environmental Entomology, 2006, 35, 1532-1540.	1.4	22
69	Structural damage to oak leaves alters natural enemy attack on a leafminer. Entomologia Experimentalis Et Applicata, 1990, 57, 57-63.	1.4	21
70	Comparison of electrospray ionization and atmospheric pressure photoionization liquid chromatography mass spectrometry methods for analysis of ergot alkaloids from endophyte-infected sleepygrass (Achnatherum robustum). Journal of Pharmaceutical and Biomedical Analysis, 2016, 117, 11-17.	2.8	21
71	Plant-Mediated Interactions between Seasonal Herbivores: Enough for Evolution or Coevolution?. , 1988, , 391-414.		21
72	An apparent paradox of horizontal and vertical disease transmission. Journal of Biological Dynamics, 2007, 1, 45-62.	1.7	19

#	Article	IF	Citations
73	Performance of Endophyte Infected Tall Fescue in Europe and North America. PLoS ONE, 2016, 11, e0157382.	2.5	17
74	Effects of urbanization on trophic dynamics of arthropod communities on a common desert host plant. Urban Ecosystems, 2009, 12, 265-286.	2.4	16
75	Environmental factors affect the distribution of two EpichloÃ« fungal endophyte species inhabiting a common host grove bluegrass (Poa alsodes). Ecology and Evolution, 2019, 9, 6624-6642.	1.9	16
76	Bottomâ€“up regulates topâ€“down: the effects of hybridization of grass endophytes on an aphid herbivore and its generalist predator. Oikos, 2014, 123, 545-552.	2.7	15
77	Ecology and description of a new species of Ophiognomonia endophytic in the leaves of Quercus emoryi. Mycologia, 1997, 89, 537-546.	1.9	14
78	Antiâ€insect defenses of <scp>A</scp>chnatherum robustum (sleepygrass) provided by two EpichloÃ« endophyte species. Entomologia Experimentalis Et Applicata, 2018, 166, 474-482.	1.4	12
79	Maternal Care in a Lace Bug,Corythucha Hewitti(Hemiptera: Tingidae). Psyche: Journal of Entomology, 1989, 96, 101-110.	0.9	10
80	Occamâ€™s Razor Cuts Both Ways: Endophytes, Resource Allocation, Herbivory, and Mutualism: A Reply to Rudgers et al.. American Naturalist, 2010, 176, 104-110.	2.1	5
81	Effects of Hybrid and Non-hybrid EpichloÃ« Endophytes and Their Associated Host Genotypes on the Response of a Native Grass to Varying Environments. Microbial Ecology, 2016, 72, 185-196.	2.8	5
82	Does hybridization of endophytic symbionts in a native grass increase fitness in resourceâ€limited environments?. Ecology, 2017, 98, 138-149.	3.2	4
83	EpichloÃ« endophytes of Poa alsodes employ alternative mechanisms for host defense: insecticidal versus deterrence. Arthropod-Plant Interactions, 2019, 13, 79-90.	1.1	4
84	Do Fungal Endophytes Result in Selection for Leafminer Ovipositional Preference?. Ecology, 2001, 82, 1097.	3.2	4
85	Secondary Metabolites from Fungal Endophytes of Suppress Cytokine Secretion by Macrophage-Type Cells. Natural Product Communications, 2016, 11, 1143-1146.	0.5	4
86	Suppression of Leafminer (Coleoptera: Buprestidae) Populations on Turkey Oak (Fagaceae) Using Implants of Acephate. Environmental Entomology, 1995, 24, 1548-1556.	1.4	3
87	13Î±â€“Hydroxylucilactaene and Other Metabolites of an Endophytic Strain of Fusarium acuminatum. Natural Product Communications, 2007, 2, 1934578X0700200.	0.5	3
88	Plant population and genotype effects override the effects ofEpichloÃ«endophyte species on growth and drought stress response ofAchnatherum robustumplants in two natural grass populations. Journal of Plant Ecology, 2015, , rtv004.	2.3	3
89	Secondary Metabolites from Fungal Endophytes of Echinacea purpurea Suppress Cytokine Secretion by Macrophage-Type Cells. Natural Product Communications, 2016, 11, 1934578X1601100.	0.5	1
90	Plant Defenses Against Insects: Role of Endophytes. , 2004, , 1-3.		0

#	Article	IF	Citations
91	Seedling Blight of Festuca arizonica Caused by Rhizoctonia solani. American Journal of Plant Sciences, 2011, 02, 50-51.	0.8	0