Linda L Kinkel

List of Publications by Year
in descending order

94 papers	5,685 citations	109321 35 h-index	85541 71 g-index
97 all docs	97 docs citations	97 times ranked	6100 citing authors

#	Article	IF	Citations
1	Network structure of resource use and niche overlap within the endophytic microbiome. ISME Journal, 2022, 16, 435-446.	9.8	28
2	Seasonal shifts from plant diversity to consumer control of grassland productivity. Ecology Letters, 2022, 25, 1215-1224.	6.4	8
3	Plant diversity and litter accumulation mediate the loss of foliar endophyte fungal richness following nutrient addition. Ecology, 2021, 102, e03210.	3.2	10
4	Towards a unified data infrastructure to support European and global microbiome research: a call to action. Environmental Microbiology, 2021, 23, 372-375.	3.8	7
5	Foliar fungi and plant diversity drive ecosystem carbon fluxes in experimental prairies. Ecology Letters, 2021, 24, 487-497.	6.4	15
6	Microbiome Metadata Standards: Report of the National Microbiome Data Collaborativeâ€™s Workshop and Follow-On Activities. MSystems, 2021, 6, .	3.8	28
7	Impacts of cover crops and nitrogen fertilization on agricultural soil fungal and bacterial communities. Plant and Soil, 2021, 466, 139-150.	3.7	13
8	Potato Nitrogen Response and Soil Microbial Activity as Affected by Fumigation. American Journal of Potato Research, 2021, 98, 285-303.	0.9	5
9	Inhibitory and nutrient use phenotypes among coexisting Fusarium and Streptomyces populations suggest local coevolutionary interactions in soil. Environmental Microbiology, 2020, 22, 976-985.	3.8	16
10	Broadening Participation in Scientific Conferences during the Era of Social Distancing. Trends in Microbiology, 2020, 28, 949-952.	7.7	31
11	Long-term nitrogen addition in maize monocultures reduces in vitro inhibition of actinomycete standards by soil-borne actinomycetes. FEMS Microbiology Ecology, 2020, 96, .	2.7	2
12	Microbiome definition re-visited: old concepts and new challenges. Microbiome, 2020, 8, 103.	11.1	903
13	Community-Driven Metadata Standards for Agricultural Microbiome Research. Phytobiomes Journal, 2020, 4, 115-121.	2.7	21
14	Effects of nutrient supply, herbivory, and host community on fungal endophyte diversity. Ecology, 2019, 100, e02758.	3.2	22
15	Inhibitory interaction networks among coevolved Streptomyces populations from prairie soils. PLoS ONE, 2019, 14, e0223779.	2.5	6
16	Biological Control of Fusarium Crown and Root Rot of Wheat by Streptomyces Isolates â€“ Itâ€™s Complicated. Phytobiomes Journal, 2019, 3, 52-60.	2.7	13
17	Impacts of Sampling Design on Estimates of Microbial Community Diversity and Composition in Agricultural Soils. Microbial Ecology, 2019, 78, 753-763.	2.8	11
18	Manipulating Wild and Tamed Phytobiomes: Challenges and Opportunities. Phytobiomes Journal, 2019, 3, 3-21.	2.7	38

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19	Carbon Amendments Induce Shifts in Nutrient Use, Inhibitory, and Resistance Phenotypes Among Soilborne Streptomyces. Frontiers in Microbiology, 2019, 10, 498.	3.5	24
20	Stability of grassland production is robust to changes in the consumer food web. Ecology Letters, 2019, 22, 707-716.	6.4	20
21	Siteâ€specific responses of foliar fungal microbiomes to nutrient addition and herbivory at different spatial scales. Ecology and Evolution, 2019, 9, 12231-12244.	1.9	15
22	Carbon Amendments Influence Composition and Functional Capacities of Indigenous Soil Microbiomes. Frontiers in Molecular Biosciences, 2019, 6, 151.	3.5	5
23	Cropping History Effects on Pathogen Suppressive and Signaling Dynamics in Streptomyces Communities. Phytobiomes Journal, 2018, 2, 14-23.	2.7	27
24	Run-to-Run Sequencing Variation Can Introduce Taxon-Specific Bias in the Evaluation of Fungal Microbiomes. Phytobiomes Journal, 2018, 2, 165-170.	2.7	13
25	DNA Template Dilution Impacts Amplicon Sequencing-Based Estimates of Soil Fungal Diversity. Phytobiomes Journal, 2018, 2, 100-107.	2.7	17
26	No evidence for tradeâ€offs in plant responses to consumer food web manipulations. Ecology, 2018, 99, 1953-1963.	3.2	13
27	A Year of Phytobiomes. Phytobiomes Journal, 2018, 2, 53-54.	2.7	2
28	Plant Community Richness Mediates Inhibitory Interactions and Resource Competition between Streptomyces and Fusarium Populations in the Rhizosphere. Microbial Ecology, 2017, 74, 157-167.	2.8	63
29	Plant diversity and plant identity influence Fusarium communities in soil. Mycologia, 2017, 109, 128-139.	1.9	21
30	Genome Sequences for Streptomyces spp. Isolated from Disease-Suppressive Soils and Long-Term Ecological Research Sites. Genome Announcements, 2017, 5, .	0.8	3
31	Food webs obscure the strength of plant diversity effects on primary productivity. Ecology Letters, 2017, 20, 505-512.	6.4	73
32	Phylogeny, Plant Species, and Plant Diversity Influence Carbon Use Phenotypes Among Fusarium Populations in the Rhizosphere Microbiome. Phytobiomes Journal, 2017, 1, 150-157.	2.7	16
33	Disease Suppressive Soils: New Insights from the Soil Microbiome. Phytopathology, 2017, 107, 1284-1297.	2.2	379
34	Frontiers for research on the ecology of plantâ€pathogenic bacteria: fundamentals for sustainability. Molecular Plant Pathology, 2017, 18, 308-319.	4.2	18
35	Soil conditioning affects interactions between native and invasive exotic perennials of semiâ€natural grasslands. Journal of Applied Ecology, 2017, 54, 1526-1533.	4.0	10
36	Welcome to Phytobiomes. Phytobiomes Journal, 2017, 1, 3-4.	2.7	3

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37	Nutrient use preferences among soil Streptomyces suggest greater resource competition in monoculture than polyculture plant communities. Plant and Soil, 2016, 409, 329-343.	3.7	31
38	Tree species effects on pathogen-suppressive capacities of soil bacteria across two tropical dry forests in Costa Rica. Oecologia, 2016, 182, 789-802.	2.0	3
39	Leveraging ecological theory to guide natural product discovery. Journal of Industrial Microbiology and Biotechnology, 2016, 43, 115-128.	3.0	29
40	Do tradeoffs structure antibiotic inhibition, resistance, and resource use among soil-borne Streptomyces?. BMC Evolutionary Biology, 2015, 15, 186.	3.2	41
41	Effort versus Reward: Preparing Samples for Fungal Community Characterization in High-Throughput Sequencing Surveys of Soils. PLoS ONE, 2015, 10, e0127234.	2.5	36
42	Foodâ€web composition and plant diversity control foliar nutrient content and stoichiometry. Journal of Ecology, 2015, 103, 1432-1441.	4.0	36
43	Soil Fungal Communities Respond to Grassland Plant Community Richness and Soil Edaphics. Microbial Ecology, 2015, 70, 188-195.	2.8	81
44	Blocking primers reduce co-amplification of plant DNA when studying bacterial endophyte communities. Journal of Microbiological Methods, 2015, 117, 1-3.	1.6	43
45	Soil conditioning effects of native and exotic grassland perennials on the establishment of native and exotic plants. Plant and Soil, 2015, 393, 335-349.	3.7	5
46	Molecular and functional characteristics of streptomycete communities in relation to soil factors and potato common scab. European Journal of Soil Biology, 2015, 70, 58-66.	3.2	11
47	Plant community richness and microbial interactions structure bacterial communities in soil. Ecology, 2015, 96, 134-142.	3.2	196
48	Soil Streptomyces communities in a prairie establishment reflect interactions between soil edaphic characteristics and plant host. Plant and Soil, 2015, 386, 89-98.	3.7	13
49	Sympatric inhibition and niche differentiation suggest alternative coevolutionary trajectories among Streptomycetes. ISME Journal, 2014, 8, 249-256.	9.8	100
50	Landscapeâ€scale Variation in Pathogenâ€suppressive Bacteria in Tropical Dry Forest Soils of Costa Rica. Biotropica, 2014, 46, 657-666.	1.6	6
51	Nutrient overlap, genetic relatedness and spatial origin influence interaction-mediated shifts in inhibitory phenotype amongStreptomycesspp.. FEMS Microbiology Ecology, 2014, 90, 264-275.	2.7	26
52	Diffuse symbioses: roles of plantâ€“plant, plantâ€“microbe and microbeâ€“microbe interactions in structuring the soil microbiome. Molecular Ecology, 2014, 23, 1571-1583.	3.9	143
53	Global biogeography ofStreptomycesantibiotic inhibition, resistance, and resource use. FEMS Microbiology Ecology, 2014, 88, 386-397.	2.7	47
54	Antibiotics: Conflict and Communication in Microbial Communities. Microbe Magazine, 2014, 9, 282-288.	0.4	7

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55	Effect of wheel traffic and green manure treatments on forage yield and crown rot in alfalfa (Medicago sativa). Plant and Soil, 2013, 372, 349-359.	3.7	8
56	Plant monocultures produce more antagonistic soil Streptomyces communities than high-diversity plant communities. Soil Biology and Biochemistry, 2013, 65, 304-312.	8.8	61
57	The world within: Quantifying the determinants and outcomes of a host's microbiome. Basic and Applied Ecology, 2013, 14, 533-539.	2.7	35
58	Resource Use of Soilborne Streptomyces Varies with Location, Phylogeny, and Nitrogen Amendment. Microbial Ecology, 2013, 66, 961-971.	2.8	31
59	Effects of plant host species and plant community richness on streptomycete community structure. FEMS Microbiology Ecology, 2013, 83, 596-606.	2.7	39
60	Subinhibitory Antibiotic Concentrations Mediate Nutrient Use and Competition among Soil Streptomyces. PLoS ONE, 2013, 8, e81064.	2.5	44
61	Streptomyces competition and co-evolution in relation to plant disease suppression. Research in Microbiology, 2012, 163, 490-499.	2.1	177
62	Soil microbes drive the classic plant diversityâ€“productivity pattern. Ecology, 2011, 92, 296-303.	3.2	517
63	A Coevolutionary Framework for Managing Disease-Suppressive Soils. Annual Review of Phytopathology, 2011, 49, 47-67.	7.8	191
64	Plant community effects on the diversity and pathogen suppressive activity of soil streptomycetes. Applied Soil Ecology, 2010, 46, 35-42.	4.3	62
65	Rapid and Specific Method for Evaluating Streptomyces Competitive Dynamics in Complex Soil Communities. Applied and Environmental Microbiology, 2010, 76, 2009-2012.	3.1	10
66	Expanding the Paradigms of Plant Pathogen Life History and Evolution of Parasitic Fitness beyond Agricultural Boundaries. PLoS Pathogens, 2009, 5, e1000693.	4.7	72
67	Resource Amendments Influence Density and Competitive Phenotypes of Streptomyces in Soil. Microbial Ecology, 2009, 57, 413-420.	2.8	83
68	Management of soil microbial communities to enhance populations of Fusarium graminearum-antagonists in soil. Plant and Soil, 2008, 302, 53-69.	3.7	49
69	Defining Linkages between the GSC and NSF's LTER Program: How the Ecological Metadata Language (EML) Relates to GCDML and Other Outcomes. OMICS A Journal of Integrative Biology, 2008, 12, 151-156.	2.0	6
70	Surprising niche for the plant pathogen Pseudomonas syringae. Infection, Genetics and Evolution, 2007, 7, 84-92.	2.3	119
71	Lack of correspondence between genetic and phenotypic groups amongst soil-borne streptomycetes. FEMS Microbiology Ecology, 2007, 59, 564-575.	2.7	15
72	Production of quorum-sensing-related signal molecules by epiphytic bacteria inhabiting wheat heads. Canadian Journal of Microbiology, 2006, 52, 411-418.	1.7	16

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73	Green manures and crop sequences influence alfalfa root rot and pathogen inhibitory activity among soil-borne streptomycetes. Plant and Soil, 2005, 268, 271-283.	3.7	84
74	Genetic and phenotypic traits of streptomycetes used to characterize antibiotic activities of field-collected microbes. Canadian Journal of Microbiology, 2004, 50, 79-89.	1.7	34
75	Spatial Variation in Frequency and Intensity of Antibiotic Interactions among Streptomycetes from Prairie Soil. Applied and Environmental Microbiology, 2004, 70, 1051-1058.	3.1	95
76	Effect of Pathogen Isolate, Potato Cultivar, and Antagonist Strain on Potato Scab Severity and Biological Control. Biocontrol Science and Technology, 2004, 14, 301-311.	1.3	47
77	Effects of antibiotic-producing Streptomyces on nodulation and leaf spot in alfalfa. Applied Soil Ecology, 2003, 22, 55-66.	4.3	67
78	Spatial Distribution of Aphanomyces cochlioides and Root Rot in Sugar Beet Fields. Plant Disease, 2002, 86, 547-551.	1.4	16
79	Biological Control of Phytophthora Root Rots on Alfalfa and Soybean with Streptomyces. Biological Control, 2002, 23, 285-295.	3.0	177
80	Competition and antibiosis in the biological control of potato scab. Canadian Journal of Microbiology, 2001, 47, 332-340.	1.7	100
81	Relationships of in Vitro Pathogen Inhibition and Soil Colonization to Potato Scab Biocontrol by Antagonistic Streptomyces spp. Biological Control, 2001, 20, 102-112.	3.0	45
82	Title is missing!. Plant and Soil, 2001, 235, 35-44.	3.7	78
83	Interactions between Xanthomonas translucens pv. translucens, the Causal Agent of Bacterial Leaf Streak of Wheat, and Bacterial Epiphytes in the Wheat Phyllosphere. Biological Control, 2000, 17, 61-72.	3.0	23
84	Relationship Between Phyllosphere Population Sizes of Xanthomonas translucens pv. translucens and Bacterial Leaf Streak Severity on Wheat Seedlings. Phytopathology, 1999, 89, 131-135.	2.2	29
85	Evidence for interspecies communication and its potential role in pathogen suppression in a naturally occurring disease suppressive soil. Canadian Journal of Microbiology, 1997, 43, 985-990.	1.7	31
86	MICROBIAL POPULATION DYNAMICS ON LEAVES. Annual Review of Phytopathology, 1997, 35, 327-347.	7.8	218
87	Influence of disease-suppressive strains of Streptomyces on the native Streptomyces community in soil as determined by the analysis of cellular fatty acids. Canadian Journal of Microbiology, 1996, 42, 27-37.	1.7	32
88	Monitoring exposure of nestling songbirds to agricultural application of an organophosphorus insecticide using cholinesterase activity. Environmental Toxicology and Chemistry, 1996, 15, 544-552.	4.3	39
89	Selection and characterization of strains of Streptomyces suppressive to the potato scab pathogen. Canadian Journal of Microbiology, 1996, 42, 487-502.	1.7	87
90	Invasion and Exclusion among Coexisting Pseudomonas syringae Strains on Leaves. Applied and Environmental Microbiology, 1993, 59, 3447-3454.	3.1	24

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91	Microbial community analysis in incompletely or destructively sampled systems. Microbial Ecology, 1992, 24, 227-242.	2.8	10
92	Microbial introductions to apple leaves: Influences of altered immigration on fungal community dynamics. Microbial Ecology, 1989, 18, 161-173.	2.8	16
93	Fungal immigration dynamics and community development on apple leaves. Microbial Ecology, 1989, 18, 45-58.	2.8	46
94	Fungi, leaves, and the theory of island biogeography. Microbial Ecology, 1987, 14, 277-290.	2.8	54