

Digging the New York City Skyline: Soil Fungal Commu

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Culture-Independent Molecular Tools for Soil and Rhizosphere Microbiology. <i>Diversity</i> , 2013, 5, 581-612.	1.7	88
2	Signatures of Rapid Evolution in Urban and Rural Transcriptomes of White-Footed Mice (<i>Peromyscus</i>). <i>PLoS ONE</i> , 2014, 9, e101395.	2.5	88
3	Changes in Bacterial and Fungal Communities across Compost Recipes, Preparation Methods, and Composting Times. <i>PLoS ONE</i> , 2013, 8, e79512.	2.5	258
4	Leaf and Life History Traits Predict Plant Growth in a Green Roof Ecosystem. <i>PLoS ONE</i> , 2014, 9, e101395.	2.5	39
5	Arbuscular Mycorrhizal Fungi and their Value for Ecosystem Management. , 2014, , .		22
6	Vegetation composition of old extensive green roofs (from 1980s Germany). <i>Ecological Processes</i> , 2014, 3, .	3.9	39
7	An Illumina metabarcoding pipeline for fungi. <i>Ecology and Evolution</i> , 2014, 4, 2642-2653.	1.9	107
8	Colonization of green roof plants by mycorrhizal and root endophytic fungi. <i>Ecological Engineering</i> , 2014, 71, 651-659.	3.6	41
9	FORUM: Do green roofs help urban biodiversity conservation?. <i>Journal of Applied Ecology</i> , 2014, 51, 1643-1649.	4.0	196
10	Relating belowground microbial composition to the taxonomic, phylogenetic, and functional trait distributions of trees in a tropical forest. <i>Ecology Letters</i> , 2015, 18, 1397-1405.	6.4	183
11	The ecology and evolution of constructed ecosystems as green infrastructure. <i>Frontiers in Ecology and Evolution</i> , 2015, 3, .	2.2	30
12	Effort versus Reward: Preparing Samples for Fungal Community Characterization in High-Throughput Sequencing Surveys of Soils. <i>PLoS ONE</i> , 2015, 10, e0127234.	2.5	36
13	Meta-barcoded evaluation of the <sc>ISO</sc> standard 11063 <sc>DNA</sc> extraction procedure to characterize soil bacterial and fungal community diversity and composition. <i>Microbial Biotechnology</i> , 2015, 8, 131-142.	4.2	50
14	Association of Shifting Populations in the Root Zone Microbiome of Millet with Enhanced Crop Productivity in the Sahel Region (Africa). <i>Applied and Environmental Microbiology</i> , 2015, 81, 2841-2851.	3.1	41
15	Impacts of Flood Damage on Airborne Bacteria and Fungi in Homes after the 2013 Colorado Front Range Flood. <i>Environmental Science & Technology</i> , 2015, 49, 2675-2684.	10.0	88
16	Vertical Greenery Systems as a Strategy in Urban Heat Island Mitigation. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	2.4	43
17	Effect of biofertilizer for suppressing Fusarium wilt disease of banana as well as enhancing microbial and chemical properties of soil under greenhouse trial. <i>Applied Soil Ecology</i> , 2015, 93, 111-119.	4.3	97
18	Continental-scale distributions of dust-associated bacteria and fungi. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 5756-5761.	7.1	372

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19	Are microbial communities in green roof substrates comparable to those in post-industrial sites?â€”a preliminary study. <i>Urban Ecosystems</i> , 2015, 18, 1245-1260.	2.4	17
20	Using AMF inoculum to improve the nutritional status of <i>Prunella vulgaris</i> plants in green roof substrate during establishment. <i>Urban Forestry and Urban Greening</i> , 2015, 14, 959-967.	5.3	21
21	Bacteria and Fungi in Green Roof Ecosystems. <i>Ecological Studies</i> , 2015, , 175-191.	1.2	11
22	Plant diversity predicts beta but not alpha diversity of soil microbes across grasslands worldwide. <i>Ecology Letters</i> , 2015, 18, 85-95.	6.4	612
23	Responses of Soil Fungi to Logging and Oil Palm Agriculture in Southeast Asian Tropical Forests. <i>Microbial Ecology</i> , 2015, 69, 733-747.	2.8	87
24	Contrasting soil fungal communities in Mediterranean pine forests subjected to different wildfire frequencies. <i>Fungal Diversity</i> , 2015, 70, 85-99.	12.3	33
25	Long-Term Application of Bioorganic Fertilizers Improved Soil Biochemical Properties and Microbial Communities of an Apple Orchard Soil. <i>Frontiers in Microbiology</i> , 2016, 7, 1893.	3.5	70
26	Longâ€”lasting effects of land use history on soil fungal communities in secondâ€”growth tropical rain forests. <i>Ecological Applications</i> , 2016, 26, 1881-1895.	3.8	64
27	Multi-targeted metagenetic analysis of the influence of climate and environmental parameters on soil microbial communities along an elevational gradient. <i>Scientific Reports</i> , 2016, 6, 28257.	3.3	83
28	Spontaneous dynamics and wild design in green roofs. <i>Israel Journal of Ecology and Evolution</i> , 2016, 62, 23-31.	0.6	20
29	Exploring fungal diversity in deep-sea sediments from Okinawa Trough using high-throughput Illumina sequencing. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2016, 116, 99-105.	1.4	46
30	Urban park soil microbiomes are a rich reservoir of natural product biosynthetic diversity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14811-14816.	7.1	89
31	Ecosystem ecology as a framework for organizing and advancing greenroof research. <i>Israel Journal of Ecology and Evolution</i> , 2016, 62, 97-102.	0.6	5
32	Microbial Community Patterns Associated with Automated Teller Machine Keypads in New York City. <i>MSphere</i> , 2016, 1, .	2.9	28
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36	Microbial community assembly and metabolic function during mammalian corpse decomposition. <i>Science</i> , 2016, 351, 158-162.	12.6	381
37	Urban stress is associated with variation in microbial species compositionâ€”but not richnessâ€”in Manhattan. <i>ISME Journal</i> , 2016, 10, 751-760.	9.8	86
38	Horizontal and vertical island biogeography of arthropods on green roofs: a review. <i>Urban Ecosystems</i> , 2017, 20, 911-917.	2.4	33

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39	Apple Replant Disorder of Pingyitiancha Rootstock is Closely Associated with Rhizosphere Fungal Community Development. <i>Journal of Phytopathology</i> , 2017, 165, 162-173.	1.0	13
40	Spatially dependent biotic and abiotic factors drive survivorship and physical structure of green roof vegetation. <i>Ecological Applications</i> , 2017, 27, 297-308.	3.8	23
41	The role of mycorrhizal symbioses in phytotechnology. <i>Botany</i> , 2017, 95, 971-982.	1.0	8
42	Phylogenetic and Functional Diversity of Total (DNA) and Expressed (RNA) Bacterial Communities in Urban Green Infrastructure Bioswale Soils. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	3.1	41
43	Using soil microbial inoculations to enhance substrate performance on extensive green roofs. <i>Science of the Total Environment</i> , 2017, 580, 846-856.	8.0	19
44	Arbuscular mycorrhizal fungal diversity and natural enemies promote coexistence of tropical tree species. <i>Ecology</i> , 2017, 98, 712-720.	3.2	29
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46	Application of Bioorganic Fertilizer Significantly Increased Apple Yields and Shaped Bacterial Community Structure in Orchard Soil. <i>Microbial Ecology</i> , 2017, 73, 404-416.	2.8	90
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48	Plant domestication and the assembly of bacterial and fungal communities associated with strains of the common sunflower, <i>Helianthus annuus</i> . <i>New Phytologist</i> , 2017, 214, 412-423.	7.3	185
49	Effects of Adding <i>Clostridium</i> sp. WJ06 on Intestinal Morphology and Microbial Diversity of Growing Pigs Fed with Natural Deoxynivalenol Contaminated Wheat. <i>Toxins</i> , 2017, 9, 383.	3.4	37
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52	Differences in soil fungal assemblages associated with native and non-native tree species of varying weediness. <i>Biological Invasions</i> , 2018, 20, 891-904.	2.4	2
53	Assessment of Passive Traps Combined with High-Throughput Sequencing To Study Airborne Fungal Communities. <i>Applied and Environmental Microbiology</i> , 2018, 84, .	3.1	39
54	Evaluating Plant Species Suitability for a Substrate-Free Tropical Green Roof. <i>OnLine Journal of Biological Sciences</i> , 2018, 18, 401-423.	0.4	2
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64	Plant diversity and density predict belowground diversity and function in an early successional alpine ecosystem. <i>Ecology</i> , 2018, 99, 1942-1952.	3.2	83
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68	Petunia- and Arabidopsis-Specific Root Microbiota Responses to Phosphate Supplementation. <i>Phytobiomes Journal</i> , 2019, 3, 112-124.	2.7	37
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77	Green Infrastructure Design Influences Communities of Urban Soil Bacteria. <i>Frontiers in Microbiology</i> , 2019, 10, 982.	3.5	36
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84	Gut bacterial and fungal communities in ground-dwelling beetles are associated with host food habit and habitat. <i>ISME Journal</i> , 2019, 13, 676-685.	9.8	54
85	Urban mycorrhizas: predicting arbuscular mycorrhizal abundance in green roofs. <i>Fungal Ecology</i> , 2019, 40, 12-19.	1.6	19
86	Dispersal alters soil microbial community response to drought. <i>Environmental Microbiology</i> , 2020, 22, 905-916.	3.8	38
87	Effects of steam explosion pretreatment and <i>Lactobacillus buchneri</i> inoculation on fungal community of unensiled and ensiled total mixed ration containing wheat straw during air exposure. <i>Journal of Applied Microbiology</i> , 2020, 128, 675-687.	3.1	8
88	Global forensic geolocation with deep neural networks. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2020, 69, 909-929.	1.0	9
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97	Microbial Composition and Functional Diversity Differ Across Urban Green Infrastructure Types. <i>Frontiers in Microbiology</i> , 2020, 11, 912.	3.5	29
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112	Green infrastructure influences soil health: Biological divergence one year after installation. <i>Science of the Total Environment</i> , 2021, 801, 149644.	8.0	9

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121	Sequence Depth, Not PCR Replication, Improves Ecological Inference from Next Generation DNA Sequencing. <i>PLoS ONE</i> , 2014, 9, e90234.	2.5	424
122	Fungi Identify the Geographic Origin of Dust Samples. <i>PLoS ONE</i> , 2015, 10, e0122605.	2.5	53
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124	Changes in bulk soil affect the disease-suppressive rhizosphere microbiome against <i>Fusarium</i> wilt disease. <i>Frontiers of Agricultural Science and Engineering</i> , 2020, 7, 307.	1.4	11
125	An Exploratory Study for Establishing More Realistic Media Guidelines for Reporting on Suicides: A Case Study of S. Korea, Which Has Had the Highest Suicide Rate among OECD Countries for 13 Consecutive Years. <i>Bogeon Sahoe Yeongu</i> , 2016, 36, 158-178.	0.4	1
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137	Effect of Weather Conditions, Substrate pH, Biochar Amendment and Plant Species on Two Plant Growth-Promoting Microbes on Vegetated Roofs and Facades. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
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139	Chronic stress and captivity alter the cloacal microbiome of a wild songbird. <i>Journal of Experimental Biology</i> , 2022, 225, .	1.7	10
140	Small Urban Green Roof Plots Near Larger Green Spaces May Not Provide Additional Habitat for Birds. <i>Frontiers in Ecology and Evolution</i> , 2022, 10, .	2.2	0
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154	Overview of Green Roof Technology as a Prospective Energy Preservation Technique in Arid Regions. <i>Engineering, Technology & Applied Science Research</i> , 2022, 12, 8982-8989.	1.9	3
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156	Drivers of fungal diversity and community biogeography differ between green roofs and adjacent ground-level green space. <i>Environmental Microbiology</i> , 2022, 24, 5809-5824.	3.8	5
157	Stressful, isolated, yet diverse: Green roofs have rich microbiomes that are not dominated by oligotrophic taxa. <i>Environmental Microbiology Reports</i> , 2022, 14, 766-774.	2.4	1
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163	Boletes in the Bronx and Beyond: A Study of Boletales (Agaricomycetes, Basidiomycota, Fungi) Specimen Records of New York City. <i>Rhodora</i> , 2023, 124, .	0.1	0
164	Contrasting influences of two dominant plants, <i>Dasiphora fruticosa</i> and <i>Ligularia virguarea</i> , on aboveground and belowground communities in an alpine meadow. <i>Frontiers in Microbiology</i> , 0, 14, .	3.5	2
165	Synthetic ecosystems: an emerging opportunity for science and society?. <i>Oikos</i> , 2023, 2023, .	2.7	1
166	Soil microbiomes in lawns reveal land-use legacy impacts on urban landscapes. <i>Oecologia</i> , 2023, 202, 337-351.	2.0	0
167	Going Up: Incorporating the Local Ecology of New York City Green Roof Infrastructure into Biology Laboratory Courses. <i>Environmental Discourses in Science Education</i> , 2023, , 165-182.	1.1	0
168	Landscape-scale mapping of soil fungal distribution: proposing a new NGS-based approach. <i>Scientific Reports</i> , 2023, 13, .	3.3	1
169	Combinations of plant species with complementary traits have the potential to maximize ecosystem services on green roofs. <i>Urban Ecosystems</i> , 2023, 26, 1193-1208.	2.4	1
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171	Community diversity and co-occurrence patterns of keratinophilic microorganisms in hospital garden soils. <i>Pedobiologia</i> , 2023, , 150912.	1.2	0
172	Rhizosphere-associated soil microbiome variability in <i>Verticillium</i> wilt-affected <i>Cotinus coggygia</i> . <i>Frontiers in Microbiology</i> , 0, 14, .	3.5	0
173	Tracking arbuscular mycorrhizal fungi to their source: active inoculation and passive dispersal differentially affect community assembly in urban soils. <i>New Phytologist</i> , 2024, 242, 1814-1824.	7.3	0
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