

List of Publications by Year in descending order

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29
papers

3,174
citations

394421

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docs citations

29
times ranked

2016
citing authors

#	ARTICLE	IF	CITATIONS
1	Balance between community assembly processes mediates species coexistence in agricultural soil microbiomes across eastern China. <i>ISME Journal</i> , 2020, 14, 202-216.	9.8	508
2	Soil microbiomes with distinct assemblies through vertical soil profiles drive the cycling of multiple nutrients in reforested ecosystems. <i>Microbiome</i> , 2018, 6, 146.	11.1	368
3	Bacterial communities in oil contaminated soils: Biogeography and co-occurrence patterns. <i>Soil Biology and Biochemistry</i> , 2016, 98, 64-73.	8.8	366
4	Abundant fungi adapt to broader environmental gradients than rare fungi in agricultural fields. <i>Global Change Biology</i> , 2020, 26, 4506-4520.	9.5	260
5	Soil pH and temperature regulate assembly processes of abundant and rare bacterial communities in agricultural ecosystems. <i>Environmental Microbiology</i> , 2020, 22, 1052-1065.	3.8	228
6	Biogeography and ecological diversity patterns of rare and abundant bacteria in oil-contaminated soils. <i>Molecular Ecology</i> , 2017, 26, 5305-5317.	3.9	220
7	Two cultivated legume plants reveal the enrichment process of the microbiome in the rhizocompartments. <i>Molecular Ecology</i> , 2017, 26, 1641-1651.	3.9	134
8	Core Microbiota in Agricultural Soils and Their Potential Associations with Nutrient Cycling. <i>MSystems</i> , 2019, 4, .	3.8	130
9	Soil multitrophic network complexity enhances the link between biodiversity and multifunctionality in agricultural systems. <i>Global Change Biology</i> , 2022, 28, 140-153.	9.5	122
10	Dominant role of abundant rather than rare bacterial taxa in maintaining agro-soil microbiomes under environmental disturbances. <i>Chemosphere</i> , 2019, 235, 248-259.	8.2	115
11	Microbial succession in response to pollutants in batch-enrichment culture. <i>Scientific Reports</i> , 2016, 6, 21791.	3.3	87
12	Distinct succession patterns of abundant and rare bacteria in temporal microcosms with pollutants. <i>Environmental Pollution</i> , 2017, 225, 497-505.	7.5	77
13	Linking soil fungi to bacterial community assembly in arid ecosystems. , 2022, 1, .		76
14	Temporal dynamics of microbial communities in microcosms in response to pollutants. <i>Molecular Ecology</i> , 2017, 26, 923-936.	3.9	69
15	Coexistence patterns of soil methanogens are closely tied to methane generation and community assembly in rice paddies. <i>Microbiome</i> , 2021, 9, 20.	11.1	66
16	Core microbiota drive functional stability of soil microbiome in reforestation ecosystems. <i>Global Change Biology</i> , 2022, 28, 1038-1047.	9.5	58
17	Resilience and Assemblage of Soil Microbiome in Response to Chemical Contamination Combined with Plant Growth. <i>Applied and Environmental Microbiology</i> , 2019, 85, .	3.1	46
18	Stochastic community assembly decreases soil fungal richness in arid ecosystems. <i>Molecular Ecology</i> , 2021, 30, 4338-4348.	3.9	45

#	ARTICLE	IF	CITATIONS
19	Dispersal limitation relative to environmental filtering governs the vertical small-scale assembly of soil microbiomes during restoration. <i>Journal of Applied Ecology</i> , 2020, 57, 402-412.	4.0	44
20	Rare Species-Driven Diversity-Ecosystem Multifunctionality Relationships are Promoted by Stochastic Community Assembly. <i>MBio</i> , 2022, 13, e0044922.	4.1	36
21	Complexity of bacterial communities within the rhizospheres of legumes drives phenanthrene degradation. <i>Geoderma</i> , 2019, 353, 1-10.	5.1	20
22	Soil phosphorus determines the distinct assembly strategies for abundant and rare bacterial communities during successional reforestation. <i>Soil Ecology Letters</i> , 2021, 3, 342-355.	4.5	19
23	Plant growth and oil contamination alter the diversity and composition of bacterial communities in agricultural soils across China. <i>Land Degradation and Development</i> , 2018, 29, 1660-1671.	3.9	17
24	Temporal dynamics of soil bacterial communities and multifunctionality are more sensitive to introduced plants than to microbial additions in a multicontaminated soil. <i>Land Degradation and Development</i> , 2019, 30, 852-865.	3.9	15
25	Spatiotemporal Dynamics of Bacterial Taxonomic and Functional Profiles in Estuarine Intertidal Soils of China Coastal Zone. <i>Microbial Ecology</i> , 2023, 85, 383-399.	2.8	15
26	Homogeneous selection shapes rare biosphere in rhizosphere of medicinal plant. <i>Ecological Indicators</i> , 2021, 129, 107981.	6.3	14
27	Fungi show broader environmental thresholds in wet than dry agricultural soils with distinct biogeographic patterns. <i>Science of the Total Environment</i> , 2021, 750, 141761.	8.0	12
28	Temporal Dynamics of Rhizosphere Communities Across the Life Cycle of <i>Panax notoginseng</i> . <i>Frontiers in Microbiology</i> , 2022, 13, 853077.	3.5	4
29	Agricultural Management Drive Bacterial Community Assembly in Different Compartments of Soybean Soil-Plant Continuum. <i>Frontiers in Microbiology</i> , 2022, 13, .	3.5	3