

Shiri Freilich

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

2,202
citations

516710

16
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

3185
citing authors

#	ARTICLE	IF	CITATIONS
1	Challenges in microbial ecology: building predictive understanding of community function and dynamics. <i>ISME Journal</i> , 2016, 10, 2557-2568.	9.8	570
2	Competitive and cooperative metabolic interactions in bacterial communities. <i>Nature Communications</i> , 2011, 2, 589.	12.8	413
3	The large-scale organization of the bacterial network of ecological co-occurrence interactions. <i>Nucleic Acids Research</i> , 2010, 38, 3857-3868.	14.5	259
4	Prospects for Biological Soilborne Disease Control: Application of Indigenous Versus Synthetic Microbiomes. <i>Phytopathology</i> , 2017, 107, 256-263.	2.2	147
5	Modeling microbial communities from atrazine contaminated soils promotes the development of biostimulation solutions. <i>ISME Journal</i> , 2019, 13, 494-508.	9.8	119
6	Metabolic-network-driven analysis of bacterial ecological strategies. <i>Genome Biology</i> , 2009, 10, R61.	9.6	88
7	NetCooperate: a network-based tool for inferring host-microbe and microbe-microbe cooperation. <i>BMC Bioinformatics</i> , 2015, 16, 164.	2.6	82
8	Variations in the identity and complexity of endosymbiont combinations in whitefly hosts. <i>Frontiers in Microbiology</i> , 2014, 5, 310.	3.5	65
9	Global analysis of the apple fruit microbiome: are all apples the same?. <i>Environmental Microbiology</i> , 2021, 23, 6038-6055.	3.8	64
10	Analysis of Microbial Functions in the Rhizosphere Using a Metabolic-Network Based Framework for Metagenomics Interpretation. <i>Frontiers in Microbiology</i> , 2017, 8, 1606.	3.5	59
11	Effect of Washing, Waxing and Low-Temperature Storage on the Postharvest Microbiome of Apple. <i>Microorganisms</i> , 2020, 8, 944.	3.6	54
12	Compositional shifts in the strawberry fruit microbiome in response to near-harvest application of <i>Metschnikowia fructicola</i> , a yeast biocontrol agent. <i>Postharvest Biology and Technology</i> , 2021, 175, 111469.	6.0	50
13	To B or Not to B: Comparative Genomics Suggests <i>Arsenophonus</i> as a Source of B Vitamins in Whiteflies. <i>Frontiers in Microbiology</i> , 2018, 9, 2254.	3.5	49
14	NetCmpt: a network-based tool for calculating the metabolic competition between bacterial species. <i>Bioinformatics</i> , 2012, 28, 2195-2197.	4.1	47
15	Modeling trophic dependencies and exchanges among insects' bacterial symbionts in a host-simulated environment. <i>BMC Genomics</i> , 2018, 19, 402.	2.8	42
16	Decoupling Environment-Dependent and Independent Genetic Robustness across Bacterial Species. <i>PLoS Computational Biology</i> , 2010, 6, e1000690.	3.2	31
17	The pathobiome concept applied to postharvest pathology and its implication on biocontrol strategies. <i>Postharvest Biology and Technology</i> , 2022, 189, 111911.	6.0	16
18	NetMet: A Network-Based Tool for Predicting Metabolic Capacities of Microbial Species and their Interactions. <i>Microorganisms</i> , 2020, 8, 840.	3.6	13

#	ARTICLE	IF	CITATIONS
19	Genome Analysis of Haplotype D of <i>Candidatus Liberibacter Solanacearum</i> . <i>Frontiers in Microbiology</i> , 2018, 9, 2933.	3.5	10
20	Stratification of co-evolving genomic groups using ranked phylogenetic profiles. <i>BMC Bioinformatics</i> , 2009, 10, 355.	2.6	8
21	The Apple Microbiome: Structure, Function, and Manipulation for Improved Plant Health. <i>Compendium of Plant Genomes</i> , 2021, , 341-382.	0.5	8
22	An eco-systems biology approach for modeling tritrophic networks reveals the influence of dietary amino acids on symbiont dynamics of <i>Bemisia tabaci</i> . <i>FEMS Microbiology Ecology</i> , 2021, 97, .	2.7	4
23	NetCom: A Network-Based Tool for Predicting Metabolic Activities of Microbial Communities Based on Interpretation of Metagenomics Data. <i>Microorganisms</i> , 2021, 9, 1838.	3.6	4