Omri M Finkel

List of Publications by Year
in descending order

20	2,911	471477 17	752679 20
papers	citations	h-index	g-index

23	23	23	3768
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identification of beneficial and detrimental bacteria impacting sorghum responses to drought using multi-scale and multi-system microbiome comparisons. ISME Journal, 2022, 16, 1957-1969.	9.8	25
2	Specific modulation of the root immune system by a community of commensal bacteria. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	81
3	A single bacterial genus maintains root growth in a complex microbiome. Nature, 2020, 587, 103-108.	27.8	245
4	Root Microbiome Modulates Plant Growth Promotion Induced by Low Doses of Glyphosate. MSphere, 2020, 5, .	2.9	19
5	The Plant Microbiome: From Ecology to Reductionism and Beyond. Annual Review of Microbiology, 2020, 74, 81-100.	7.3	225
6	The effects of soil phosphorus content on plant microbiota are driven by the plant phosphate starvation response. PLoS Biology, 2019, 17, e3000534.	5.6	126
7	Phevamine A, a small molecule that suppresses plant immune responses. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E9514-E9522.	7.1	37
8	Design of synthetic bacterial communities for predictable plant phenotypes. PLoS Biology, 2018, 16, e2003962.	5.6	182
9	Pseudomonas syringae Type III Effector HopBB1 Promotes Host Transcriptional Repressor Degradation to Regulate Phytohormone Responses and Virulence. Cell Host and Microbe, 2017, 21, 156-168.	11.0	115
10	Convergent patterns in the evolution of mealybug symbioses involving different intrabacterial symbionts. ISME Journal, 2017, 11, 715-726.	9.8	49
11	Understanding and exploiting plant beneficial microbes. Current Opinion in Plant Biology, 2017, 38, 155-163.	7.1	538
12	Root microbiota drive direct integration of phosphate stress and immunity. Nature, 2017, 543, 513-518.	27.8	669
13	Pseudomonas syringae type III effector HopAF1 suppresses plant immunity by targeting methionine recycling to block ethylene induction. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E3577-86.	7.1	66
14	Metagenomic Signatures of Bacterial Adaptation to Life in the Phyllosphere of a Salt-Secreting Desert Tree. Applied and Environmental Microbiology, 2016, 82, 2854-2861.	3.1	38
15	Coordinated transporter activity shapes high-affinity iron acquisition in cyanobacteria. ISME Journal, 2014, 8, 409-417.	9.8	104
16	Global abundance of microbial rhodopsins. ISME Journal, 2013, 7, 448-451.	9.8	104
17	Distance-Decay Relationships Partially Determine Diversity Patterns of Phyllosphere Bacteria on Tamarix Trees across the Sonoran Desert. Applied and Environmental Microbiology, 2012, 78, 7818-7818.	3.1	3
18	Distance-Decay Relationships Partially Determine Diversity Patterns of Phyllosphere Bacteria on Tamrix Trees across the Sonoran Desert. Applied and Environmental Microbiology, 2012, 78, 6187-6193.	3.1	92

#	Article	IF	Citations
19	Microbial rhodopsins on leaf surfaces of terrestrial plants. Environmental Microbiology, 2012, 14, 140-146.	3.8	78
20	Bacterial anoxygenic photosynthesis on plant leaf surfaces. Environmental Microbiology Reports, 2012, 4, 209-216.	2.4	94