

# Omri M Finkel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9464954/publications.pdf>

Version: 2024-02-01

20  
papers

2,911  
citations

535685

17  
h-index

843174

20  
g-index

23  
all docs

23  
docs citations

23  
times ranked

4152  
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. <i>ISME Journal</i> , 2022, 16, 1957-1969.	4.4	25
2	Specific modulation of the root immune system by a community of commensal bacteria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	81
3	A single bacterial genus maintains root growth in a complex microbiome. <i>Nature</i> , 2020, 587, 103-108.	13.7	245
4	Root Microbiome Modulates Plant Growth Promotion Induced by Low Doses of Glyphosate. <i>MSphere</i> , 2020, 5, .	1.3	19
5	The Plant Microbiome: From Ecology to Reductionism and Beyond. <i>Annual Review of Microbiology</i> , 2020, 74, 81-100.	2.9	225
6	The effects of soil phosphorus content on plant microbiota are driven by the plant phosphate starvation response. <i>PLoS Biology</i> , 2019, 17, e3000534.	2.6	126
7	Phevamine A, a small molecule that suppresses plant immune responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E9514-E9522.	3.3	37
8	Design of synthetic bacterial communities for predictable plant phenotypes. <i>PLoS Biology</i> , 2018, 16, e2003962.	2.6	182
9	<i>Pseudomonas syringae</i> Type III Effector HopBB1 Promotes Host Transcriptional Repressor Degradation to Regulate Phytohormone Responses and Virulence. <i>Cell Host and Microbe</i> , 2017, 21, 156-168.	5.1	115
10	Convergent patterns in the evolution of mealybug symbioses involving different intrabacterial symbionts. <i>ISME Journal</i> , 2017, 11, 715-726.	4.4	49
11	Understanding and exploiting plant beneficial microbes. <i>Current Opinion in Plant Biology</i> , 2017, 38, 155-163.	3.5	538
12	Root microbiota drive direct integration of phosphate stress and immunity. <i>Nature</i> , 2017, 543, 513-518.	13.7	669
13	<i>Pseudomonas syringae</i> type III effector HopAF1 suppresses plant immunity by targeting methionine recycling to block ethylene induction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E3577-86.	3.3	66
14	Metagenomic Signatures of Bacterial Adaptation to Life in the Phyllosphere of a Salt-Secreting Desert Tree. <i>Applied and Environmental Microbiology</i> , 2016, 82, 2854-2861.	1.4	38
15	Coordinated transporter activity shapes high-affinity iron acquisition in cyanobacteria. <i>ISME Journal</i> , 2014, 8, 409-417.	4.4	104
16	Global abundance of microbial rhodopsins. <i>ISME Journal</i> , 2013, 7, 448-451.	4.4	104
17	Distance-Decay Relationships Partially Determine Diversity Patterns of Phyllosphere Bacteria on Tamarix Trees across the Sonoran Desert. <i>Applied and Environmental Microbiology</i> , 2012, 78, 7818-7818.	1.4	3
18	Distance-Decay Relationships Partially Determine Diversity Patterns of Phyllosphere Bacteria on Tamrix Trees across the Sonoran Desert. <i>Applied and Environmental Microbiology</i> , 2012, 78, 6187-6193.	1.4	92

#	ARTICLE	IF	CITATIONS
19	Microbial rhodopsins on leaf surfaces of terrestrial plants. <i>Environmental Microbiology</i> , 2012, 14, 140-146.	1.8	78
20	Bacterial anoxygenic photosynthesis on plant leaf surfaces. <i>Environmental Microbiology Reports</i> , 2012, 4, 209-216.	1.0	94