

# Gabriele Berg

## List of Publications by Year in descending order

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288  
papers

29,553  
citations

4960

84  
h-index

6654

156  
g-index

308  
all docs

308  
docs citations

308  
times ranked

20508  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Hidden World within Plants: Ecological and Evolutionary Considerations for Defining Functioning of Microbial Endophytes. <i>Microbiology and Molecular Biology Reviews</i> , 2015, 79, 293-320.	6.6	1,895
2	Plant species and soil type cooperatively shape the structure and function of microbial communities in the rhizosphere. <i>FEMS Microbiology Ecology</i> , 2009, 68, 1-13.	2.7	1,879
3	Plant-microbe interactions promoting plant growth and health: perspectives for controlled use of microorganisms in agriculture. <i>Applied Microbiology and Biotechnology</i> , 2009, 84, 11-18.	3.6	1,335
4	Microbiome definition re-visited: old concepts and new challenges. <i>Microbiome</i> , 2020, 8, 103.	11.1	903
5	Plant-driven selection of microbes. <i>Plant and Soil</i> , 2009, 321, 235-257.	3.7	872
6	The versatility and adaptation of bacteria from the genus <i>Stenotrophomonas</i> . <i>Nature Reviews Microbiology</i> , 2009, 7, 514-525.	28.6	641
7	The rhizosphere as a reservoir for opportunistic human pathogenic bacteria. <i>Environmental Microbiology</i> , 2005, 7, 1673-1685.	3.8	554
8	Unraveling the plant microbiome: looking back and future perspectives. <i>Frontiers in Microbiology</i> , 2014, 5, 148.	3.5	498
9	Endophytic and ectophytic potato-associated bacterial communities differ in structure and antagonistic function against plant pathogenic fungi. <i>FEMS Microbiology Ecology</i> , 2005, 51, 215-229.	2.7	464
10	The plant microbiome explored: implications for experimental botany. <i>Journal of Experimental Botany</i> , 2016, 67, 995-1002.	4.8	424
11	Plant microbial diversity is suggested as the key to future biocontrol and health trends. <i>FEMS Microbiology Ecology</i> , 2017, 93, .	2.7	376
12	Volatiles of bacterial antagonists inhibit mycelial growth of the plant pathogen <i>Rhizoctonia solani</i> . <i>Archives of Microbiology</i> , 2007, 187, 351-360.	2.2	374
13	Effects of site and plant species on rhizosphere community structure as revealed by molecular analysis of microbial guilds. <i>FEMS Microbiology Ecology</i> , 2006, 56, 236-249.	2.7	372
14	Plant-Dependent Genotypic and Phenotypic Diversity of Antagonistic Rhizobacteria Isolated from Different <i>Verticillium</i> Host Plants. <i>Applied and Environmental Microbiology</i> , 2002, 68, 3328-3338.	3.1	345
15	Endophytic bacterial communities of field-grown potato plants and their plant-growth-promoting and antagonistic abilities. <i>Canadian Journal of Microbiology</i> , 2004, 50, 239-249.	1.7	323
16	Species-specific structural and functional diversity of bacterial communities in lichen symbioses. <i>ISME Journal</i> , 2009, 3, 1105-1115.	9.8	303
17	The impact of human activities and lifestyles on the interlinked microbiota and health of humans and of ecosystems. <i>Science of the Total Environment</i> , 2018, 627, 1018-1038.	8.0	244
18	Bacterial networks and co-occurrence relationships in the lettuce root microbiota. <i>Environmental Microbiology</i> , 2015, 17, 239-252.	3.8	241

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19	Exploring functional contexts of symbiotic sustain within lichen-associated bacteria by comparative omics. ISME Journal, 2015, 9, 412-424.	9.8	238
20	The microbiome of medicinal plants: diversity and importance for plant growth, quality and health. Frontiers in Microbiology, 2013, 4, 400.	3.5	224
21	Bacterial seed endophyte shapes disease resistance in rice. Nature Plants, 2021, 7, 60-72.	9.3	220
22	Purification and properties of two chitinolytic enzymes of Serratia plymuthica HRO-C48. Archives of Microbiology, 2001, 176, 421-426.	2.2	211
23	Saving seed microbiomes. ISME Journal, 2018, 12, 1167-1170.	9.8	211
24	In situ analysis of the bacterial community associated with the reindeer lichen Cladonia arbuscula reveals predominance of Alphaproteobacteria. FEMS Microbiology Ecology, 2008, 66, 63-71.	2.7	203
25	Archaea Are Interactive Components of Complex Microbiomes. Trends in Microbiology, 2018, 26, 70-85.	7.7	203
26	Desert Farming Benefits from Microbial Potential in Arid Soils and Promotes Diversity and Plant Health. PLoS ONE, 2011, 6, e24452.	2.5	200
27	PhyloChip hybridization uncovered an enormous bacterial diversity in the rhizosphere of different potato cultivars: many common and few cultivar-dependent taxa. FEMS Microbiology Ecology, 2011, 75, 497-506.	2.7	198
28	Rhizobiales as functional and endosymbiotic members in the lichen symbiosis of Lobaria pulmonaria L.. Frontiers in Microbiology, 2015, 6, 53.	3.5	196
29	Effects of T4 Lysozyme Release from Transgenic Potato Roots on Bacterial Rhizosphere Communities Are Negligible Relative to Natural Factors. Applied and Environmental Microbiology, 2002, 68, 1325-1335.	3.1	192
30	Genotypic and Phenotypic Relationships between Clinical and Environmental Isolates of <i>Stenotrophomonas maltophilia</i> . Journal of Clinical Microbiology, 1999, 37, 3594-3600.	3.9	188
31	Impact of Plant Species and Site on Rhizosphere-Associated Fungi Antagonistic to Verticillium dahliae Kleb. Applied and Environmental Microbiology, 2005, 71, 4203-4213.	3.1	185
32	Microbial consortia of bacteria and fungi with focus on the lichen symbiosis. Fungal Biology Reviews, 2009, 23, 72-85.	4.7	179
33	Trichoderma-Plant-Pathogen Interactions: Advances in Genetics of Biological Control. Indian Journal of Microbiology, 2012, 52, 522-529.	2.7	173
34	Potato-associated bacteria and their antagonistic potential towards plant-pathogenic fungi and the plant-parasitic nematode Meloidogyne incognita (Kofoid & White) Chitwood. Canadian Journal of Microbiology, 2002, 48, 772-786.	1.7	165
35	Structure and function of the symbiosis partners of the lung lichen ( <i>Lobaria pulmonaria</i> L.) Tj ETQq1 1 0.784314 rgBT /Overlock 165	2.2	165
36	<i>Sphagnum</i> mosses harbour highly specific bacterial diversity during their whole lifecycle. ISME Journal, 2012, 6, 802-813.	9.8	161

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37	Bacteria able to control foot and root rot and to promote growth of cucumber in salinated soils. <i>Biology and Fertility of Soils</i> , 2011, 47, 197-205.	4.3	159
38	The rhizosphere effect on bacteria antagonistic towards the pathogenic fungus <i>Verticillium</i> differs depending on plant species and site. <i>FEMS Microbiology Ecology</i> , 2006, 56, 250-261.	2.7	158
39	Plant genotype-specific archaeal and bacterial endophytes but similar <i>Bacillus</i> antagonists colonize Mediterranean olive trees. <i>Frontiers in Microbiology</i> , 2015, 6, 138.	3.5	154
40	Next-Generation Bio-Products Sowing the Seeds of Success for Sustainable Agriculture. <i>Agronomy</i> , 2013, 3, 648-656.	3.0	150
41	Endophytes-assisted biocontrol: novel insights in ecology and the mode of action of <i>Paenibacillus</i> . <i>Plant and Soil</i> , 2016, 405, 125-140.	3.7	150
42	The ignored diversity: complex bacterial communities in intensive care units revealed by 16S pyrosequencing. <i>Scientific Reports</i> , 2013, 3, 1413.	3.3	148
43	<i>Stenotrophomonas rhizophila</i> sp. nov., a novel plant-associated bacterium with antifungal properties.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2002, 52, 1937-1944.	1.7	145
44	The structure of the <i>Brassica napus</i> seed microbiome is cultivar-dependent and affects the interactions of symbionts and pathogens. <i>Microbiome</i> , 2017, 5, 104.	11.1	144
45	Strains of the genus <i>Serratia</i> as beneficial rhizobacteria of oilseed rape with antifungal properties. <i>Microbiological Research</i> , 1996, 151, 433-439.	5.3	142
46	The impact of the pathogen <i>Rhizoctonia solani</i> and its beneficial counterpart <i>Bacillus amyloliquefaciens</i> on the indigenous lettuce microbiome. <i>Frontiers in Microbiology</i> , 2014, 5, 175.	3.5	141
47	Understanding Microbial Multi-Species Symbioses. <i>Frontiers in Microbiology</i> , 2016, 7, 180.	3.5	140
48	Maltophilin: A New Antifungal Compound Produced by <i>Stenotrophomonas maltophilia</i> R3089.. <i>Journal of Antibiotics</i> , 1996, 49, 1101-1104.	2.0	137
49	Antimicrobial Activity of Medicinal Plants Correlates with the Proportion of Antagonistic Endophytes. <i>Frontiers in Microbiology</i> , 2017, 8, 199.	3.5	136
50	Impact of transgenic potatoes expressing anti-bacterial agents on bacterial endophytes is comparable with the effects of plant genotype, soil type and pathogen infection. <i>Journal of Applied Ecology</i> , 2006, 43, 555-566.	4.0	135
51	Identification and Characterization of an N -Acylhomoserine Lactone-Dependent Quorum-Sensing System in <i>Pseudomonas putida</i> Strain IsoF. <i>Applied and Environmental Microbiology</i> , 2002, 68, 6371-6382.	3.1	131
52	The <i>Cucurbita pepo</i> seed microbiome: genotype-specific composition and implications for breeding. <i>Plant and Soil</i> , 2018, 422, 35-49.	3.7	131
53	Microbial Diversity Inside Pumpkins: Microhabitat-Specific Communities Display a High Antagonistic Potential Against Phytopathogens. <i>Microbial Ecology</i> , 2012, 63, 418-428.	2.8	128
54	The plant microbiome and its importance for plant and human health. <i>Frontiers in Microbiology</i> , 2014, 5, 491.	3.5	128

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55	Man-made microbial resistances in built environments. <i>Nature Communications</i> , 2019, 10, 968.	12.8	128
56	Root-microbe systems: the effect and mode of interaction of Stress Protecting Agent (SPA) <i>Stenotrophomonas rhizophila</i> DSM14405T. <i>Frontiers in Plant Science</i> , 2013, 4, 141.	3.6	127
57	Quorum-sensing effects in the antagonistic rhizosphere bacterium <i>Serratia plymuthica</i> HRO-C48. <i>FEMS Microbiology Ecology</i> , 2009, 67, 468-478.	2.7	126
58	Differences between the rhizosphere microbiome of <i>Beta vulgaris</i> ssp. <i>maritima</i> ancestor of all beet crops and modern sugar beets. <i>Frontiers in Microbiology</i> , 2014, 5, 415.	3.5	124
59	Tomato Seeds Preferably Transmit Plant Beneficial Endophytes. <i>Phytobiomes Journal</i> , 2018, 2, 183-193.	2.7	124
60	Diversity and Antagonistic Potential of Bacteria Associated with Bryophytes from Nutrient-Poor Habitats of the Baltic Sea Coast. <i>Applied and Environmental Microbiology</i> , 2004, 70, 6569-6579.	3.1	123
61	Alleviation of salt stress of symbiotic <i>Galega officinalis</i> L. (goat's rue) by co-inoculation of <i>Rhizobium</i> with root-colonizing <i>Pseudomonas</i> . <i>Plant and Soil</i> , 2013, 369, 453-465.	3.7	123
62	Effects of bacterial inoculants on the indigenous microbiome and secondary metabolites of chamomile plants. <i>Frontiers in Microbiology</i> , 2014, 5, 64.	3.5	123
63	Rhizosphere Communities of Genetically Modified Zeaxanthin-Accumulating Potato Plants and Their Parent Cultivar Differ Less than Those of Different Potato Cultivars. <i>Applied and Environmental Microbiology</i> , 2009, 75, 3859-3865.	3.1	122
64	Establishment of introduced antagonistic bacteria in the rhizosphere of transgenic potatoes and their effect on the bacterial community. <i>FEMS Microbiology Ecology</i> , 2000, 33, 41-49.	2.7	121
65	Production of Volatile Metabolites by Grape-Associated Microorganisms. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 8344-8350.	5.2	119
66	Investigations of the structure and function of bacterial communities associated with <i>Sphagnum</i> mosses. <i>Environmental Microbiology</i> , 2007, 9, 2795-2809.	3.8	116
67	Synergistic interactions between <i>Bradyrhizobium japonicum</i> and the endophyte <i>Stenotrophomonas rhizophila</i> and their effects on growth, and nodulation of soybean under salt stress. <i>Plant and Soil</i> , 2016, 405, 35-45.	3.7	116
68	Biochar Treatment Resulted in a Combined Effect on Soybean Growth Promotion and a Shift in Plant Growth Promoting Rhizobacteria. <i>Frontiers in Microbiology</i> , 2016, 7, 209.	3.5	114
69	<i>Stenotrophomonas maltophilia</i> in the rhizosphere of oilseed rape occurrence, characterization and interaction with phytopathogenic fungi. <i>Microbiological Research</i> , 1996, 151, 19-27.	5.3	113
70	Influence of transgenic T4-lysozyme-producing potato plants on potentially beneficial plant-associated bacteria. <i>FEMS Microbiology Ecology</i> , 1999, 29, 365-377.	2.7	112
71	Comparison of Antifungal Activities and 16S Ribosomal DNA Sequences of Clinical and Environmental Isolates of <i>Stenotrophomonas maltophilia</i> . <i>Journal of Clinical Microbiology</i> , 2001, 39, 139-145.	3.9	106
72	Induction of systemic resistance, root colonisation and biocontrol activities of the rhizospheric strain of <i>Serratia plymuthica</i> are dependent on N-acyl homoserine lactones. <i>European Journal of Plant Pathology</i> , 2009, 124, 261-268.	1.7	106

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73	Production of the antifungal compound pyrrolnitrin is quorum sensing-regulated in members of the <i>Burkholderia cepacia</i> complex. <i>Environmental Microbiology</i> , 2009, 11, 1422-1437.	3.8	106
74	Functional and Structural Microbial Diversity in Organic and Conventional Viticulture: Organic Farming Benefits Natural Biocontrol Agents. <i>Applied and Environmental Microbiology</i> , 2011, 77, 2188-2191.	3.1	106
75	Microorganisms in Confined Habitats: Microbial Monitoring and Control of Intensive Care Units, Operating Rooms, Cleanrooms and the International Space Station. <i>Frontiers in Microbiology</i> , 2016, 7, 1573.	3.5	106
76	The Novel Lipopeptide Poaeamide of the Endophyte <i>Pseudomonas poae</i> RE*1-1-14 Is Involved in Pathogen Suppression and Root Colonization. <i>Molecular Plant-Microbe Interactions</i> , 2015, 28, 800-810.	2.6	105
77	<i>Bacillus</i> and <i>Streptomyces</i> were selected as broad-spectrum antagonists against soilborne pathogens from arid areas in Egypt. <i>FEMS Microbiology Letters</i> , 2013, 342, 168-178.	1.8	104
78	Co-inoculation of <i>Pseudomonas</i> spp. with <i>Rhizobium</i> improves growth and symbiotic performance of fodder galega ( <i>Galega orientalis</i> Lam.). <i>European Journal of Soil Biology</i> , 2010, 46, 269-272.	3.2	103
79	Quorum-sensing signaling is required for production of the antibiotic pyrrolnitrin in a rhizospheric biocontrol strain of <i>Serratia plymuthica</i> . <i>FEMS Microbiology Letters</i> , 2007, 270, 299-305.	1.8	102
80	Biological Control of Fungal Strawberry Diseases by <i>Serratia plymuthica</i> HRO-C48. <i>Plant Disease</i> , 2001, 85, 529-534.	1.4	101
81	Linking ecology with economy: Insights into polyhydroxyalkanoate-producing microorganisms. <i>Engineering in Life Sciences</i> , 2011, 11, 222-237.	3.6	101
82	Effect of bacterial antagonists on lettuce: active biocontrol of <i>Rhizoctonia solani</i> and negligible, short-term effects on nontarget microorganisms. <i>FEMS Microbiology Ecology</i> , 2008, 64, 106-116.	2.7	98
83	The <i>Sphagnum</i> microbiome supports bog ecosystem functioning under extreme conditions. <i>Molecular Ecology</i> , 2014, 23, 4498-4510.	3.9	98
84	Effectiveness of 3 antagonistic bacterial isolates to control <i>Rhizoctonia solani</i> on lettuce and potato. <i>Canadian Journal of Microbiology</i> , 2005, 51, 345-353.	1.7	97
85	Friends or foes: can we make a distinction between beneficial and harmful strains of the <i>Stenotrophomonas maltophilia</i> complex?. <i>Frontiers in Microbiology</i> , 2015, 6, 241.	3.5	95
86	High specificity but contrasting biodiversity of <i>Sphagnum</i> -associated bacterial and plant communities in bog ecosystems independent of the geographical region. <i>ISME Journal</i> , 2007, 1, 502-516.	9.8	92
87	Deciphering functional diversification within the lichen microbiota by meta-omics. <i>Microbiome</i> , 2017, 5, 82.	11.1	91
88	Spectrum and Population Dynamics of Bacterial Root Endophytes. , 2006, , 15-31.		90
89	<i>Stenotrophomonas</i> comparative genomics reveals genes and functions that differentiate beneficial and pathogenic bacteria. <i>BMC Genomics</i> , 2014, 15, 482.	2.8	90
90	Members of Gammaproteobacteria as indicator species of healthy banana plants on <i>Fusarium</i> wilt-infested fields in Central America. <i>Scientific Reports</i> , 2017, 7, 45318.	3.3	89

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91	Burkholderia bryophila sp. nov. and Burkholderia megapolitana sp. nov., moss-associated species with antifungal and plant-growth-promoting properties. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 2228-2235.	1.7	87
92	An Apple a Day: Which Bacteria Do We Eat With Organic and Conventional Apples?. Frontiers in Microbiology, 2019, 10, 1629.	3.5	87
93	Seeds of native alpine plants host unique microbial communities embedded in cross-kingdom networks. Microbiome, 2019, 7, 108.	11.1	87
94	Pseudomonas community structure and antagonistic potential in the rhizosphere: insights gained by combining phylogenetic and functional gene-based analyses. Environmental Microbiology, 2007, 9, 2260-2273.	3.8	86
95	Monitoring the plant epiphyte Methylobacterium extorquens DSM 21961 by real-time PCR and its influence on the strawberry flavor. FEMS Microbiology Ecology, 2010, 74, 136-145.	2.7	86
96	A novel assay for the detection of bioactive volatiles evaluated by screening of lichen-associated bacteria. Frontiers in Microbiology, 2015, 6, 398.	3.5	85
97	Enterobacteriaceae dominate the core microbiome and contribute to the resistome of arugula (Eruca) Tj ETQq1 1 0,784314 rgBT /Overl	11.1	84
98	Survival of gfp-tagged antagonistic bacteria in the rhizosphere of tomato plants and their effects on the indigenous bacterial community. FEMS Microbiology Ecology, 2006, 56, 207-218.	2.7	83
99	Stenotrophomonas maltophilia. Trends in Microbiology, 2018, 26, 637-638.	7.7	83
100	Sugar Beet-Associated Bacterial and Fungal Communities Show a High Indigenous Antagonistic Potential Against Plant Pathogens. Microbial Ecology, 2008, 55, 119-129.	2.8	82
101	Fungal diversity in the rhizosphere of endemic plant species of Tenerife (Canary Islands): relationship to vegetation zones and environmental factors. ISME Journal, 2009, 3, 79-92.	9.8	80
102	Differential sharing and distinct co-occurrence networks among spatially close bacterial microbiota of bark, mosses and lichens. Molecular Ecology, 2017, 26, 2826-2838.	3.9	79
103	Strain-specific colonization pattern of Rhizoctonia antagonists in the root system of sugar beet. FEMS Microbiology Ecology, 2010, 74, 124-135.	2.7	78
104	Microbial cargo: do bacteria on symbiotic propagules reinforce the microbiome of lichens?. Environmental Microbiology, 2014, 16, 3743-3752.	3.8	78
105	Aerial Warfare: A Volatile Dialogue between the Plant Pathogen Verticillium longisporum and Its Antagonist Paenibacillus polymyxa. Frontiers in Plant Science, 2017, 8, 1294.	3.6	78
106	What Is the Role of Archaea in Plants? New Insights from the Vegetation of Alpine Bogs. MSphere, 2018, 3, .	2.9	78
107	Microbiome Modulation Toward a Better Understanding of Plant Microbiome Response to Microbial Inoculants. Frontiers in Microbiology, 2021, 12, 650610.	3.5	78
108	Cultivation-independent analysis of Pseudomonas species in soil and in the rhizosphere of field-grown Verticillium dahliae host plants. Environmental Microbiology, 2006, 8, 2136-2149.	3.8	77

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109	Fungal antagonists of the plant pathogen <i>Rhizoctonia solani</i> : selection, control efficacy and influence on the indigenous microbial community. <i>Mycological Research</i> , 2006, 110, 1464-1474.	2.5	75
110	Vegetable microbiomes: is there a connection among opportunistic infections, human health and our 'gut feeling'?. <i>Microbial Biotechnology</i> , 2014, 7, 487-495.	4.2	75
111	A Function of <i>SmeDEF</i> , the Major Quinolone Resistance Determinant of <i>Stenotrophomonas maltophilia</i> , Is the Colonization of Plant Roots. <i>Applied and Environmental Microbiology</i> , 2014, 80, 4559-4565.	3.1	75
112	Age, sun and substrate: triggers of bacterial communities in lichens. <i>Environmental Microbiology Reports</i> , 2012, 4, 23-28.	2.4	74
113	Beneficial effects of plant-associated microbes on indoor microbiomes and human health?. <i>Frontiers in Microbiology</i> , 2014, 5, 15.	3.5	74
114	The core microbiome bonds the Alpine bog vegetation to a transkingdom metacommunity. <i>Molecular Ecology</i> , 2015, 24, 4795-4807.	3.9	74
115	Impact of formulation procedures on the effect of the biocontrol agent <i>Serratia plymuthica</i> HRO-C48 on <i>Verticillium</i> wilt in oilseed rape. <i>BioControl</i> , 2008, 53, 905-916.	2.0	72
116	<i>Stenotrophomonas rhizophila</i> DSM14405T promotes plant growth probably by altering fungal communities in the rhizosphere. <i>Biology and Fertility of Soils</i> , 2012, 48, 947-960.	4.3	72
117	Insights into functional bacterial diversity and its effects on Alpine bog ecosystem functioning. <i>Scientific Reports</i> , 2013, 3, 1955.	3.3	71
118	The bryophyte genus <i>Sphagnum</i> is a reservoir for powerful and extraordinary antagonists and potentially facultative human pathogens. <i>FEMS Microbiology Ecology</i> , 2007, 61, 38-53.	2.7	70
119	Microbiome-driven identification of microbial indicators for postharvest diseases of sugar beets. <i>Microbiome</i> , 2019, 7, 112.	11.1	68
120	Black fungi and associated bacterial communities in the phyllosphere of grapevine. <i>Fungal Biology</i> , 2011, 115, 978-986.	2.5	67
121	Synthesis of the compatible solutes glucosylglycerol and trehalose by salt-stressed cells of <i>Stenotrophomonas</i> strains. <i>FEMS Microbiology Letters</i> , 2005, 243, 219-226.	1.8	66
122	Double-Face Meets the Bacterial World: The Opportunistic Pathogen <i>Stenotrophomonas maltophilia</i> . <i>Frontiers in Microbiology</i> , 2017, 8, 2190.	3.5	66
123	Analyzing the antagonistic potential of the lichen microbiome against pathogens by bridging metagenomic with culture studies. <i>Frontiers in Microbiology</i> , 2015, 6, 620.	3.5	65
124	Diversity and antagonistic potential of <i>Pseudomonas</i> spp. associated to the rhizosphere of maize grown in a subtropical organic farm. <i>Soil Biology and Biochemistry</i> , 2006, 38, 2434-2447.	8.8	64
125	Global analysis of the apple fruit microbiome: are all apples the same?. <i>Environmental Microbiology</i> , 2021, 23, 6038-6055.	3.8	64
126	Fungal endophytes in potato roots studied by traditional isolation and cultivation-independent DNA-based methods. <i>FEMS Microbiology Ecology</i> , 2006, 58, 404-413.	2.7	63



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127	Microbiome interplay: plants alter microbial abundance and diversity within the built environment. <i>Frontiers in Microbiology</i> , 2015, 6, 887.	3.5	62
128	Bacterial Antagonists to <i>Verticillium dahliae</i> Kleb.. <i>Journal of Phytopathology</i> , 1994, 141, 99-110.	1.0	61
129	Similar Diversity of Alphaproteobacteria and Nitrogenase Gene Amplicons on Two Related Sphagnum Mosses. <i>Frontiers in Microbiology</i> , 2011, 2, 275.	3.5	60
130	Novel Strategies for Soil-Borne Diseases: Exploiting the Microbiome and Volatile-Based Mechanisms Toward Controlling Meloidogyne-Based Disease Complexes. <i>Frontiers in Microbiology</i> , 2019, 10, 1296.	3.5	60
131	Strategy to select and assess antagonistic bacteria for biological control of <i>Rhizoctonia solani</i> . <i>Canadian Journal of Microbiology</i> , 2004, 50, 811-820.	1.7	59
132	Endophytic bacteria of Sphagnum mosses as promising objects of agricultural microbiology. <i>Microbiology</i> , 2013, 82, 306-315.	1.2	59
133	Editorial: A Multidisciplinary Look at <i>Stenotrophomonas maltophilia</i> : An Emerging Multi-Drug-Resistant Global Opportunistic Pathogen. <i>Frontiers in Microbiology</i> , 2017, 8, 1511.	3.5	58
134	Bacterial taxa associated with the lung lichen <i>Lobaria pulmonaria</i> are differentially shaped by geography and habitat. <i>FEMS Microbiology Letters</i> , 2012, 329, 111-115.	1.8	56
135	Cleanroom Maintenance Significantly Reduces Abundance but Not Diversity of Indoor Microbiomes. <i>PLoS ONE</i> , 2015, 10, e0134848.	2.5	56
136	Phenotypic and genotypic characterization of antagonistic bacteria associated with roots of transgenic and non-transgenic potato plants. <i>Microbiological Research</i> , 2001, 156, 75-82.	5.3	55
137	Successful strategy for the selection of new strawberry-associated rhizobacteria antagonistic to <i>Verticillium</i> wilt. <i>Canadian Journal of Microbiology</i> , 2000, 46, 1128-1137.	1.7	54
138	Microbiome approaches provide the key to biologically control postharvest pathogens and storability of fruits and vegetables. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	2.7	54
139	Bioprospecting plant-associated microbiomes. <i>Journal of Biotechnology</i> , 2016, 235, 171-180.	3.8	53
140	Quo vadis? Microbial profiling revealed strong effects of cleanroom maintenance and routes of contamination in indoor environments. <i>Scientific Reports</i> , 2015, 5, 9156.	3.3	52
141	The DSF Quorum Sensing System Controls the Positive Influence of <i>Stenotrophomonas maltophilia</i> on Plants. <i>PLoS ONE</i> , 2013, 8, e67103.	2.5	51
142	Biotic Stress Shifted Structure and Abundance of Enterobacteriaceae in the Lettuce Microbiome. <i>PLoS ONE</i> , 2015, 10, e0118068.	2.5	51
143	Biological Control of Lettuce Drop and Host Plant Colonization by Rhizospheric and Endophytic Streptomycetes. <i>Frontiers in Microbiology</i> , 2016, 7, 714.	3.5	51
144	Alphaproteobacterial communities in geographically distant populations of the lichen <i>Cetraria aculeata</i> . <i>FEMS Microbiology Ecology</i> , 2012, 82, 316-325.	2.7	50

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145	Microbiome Response to Hot Water Treatment and Potential Synergy With Biological Control on Stored Apples. <i>Frontiers in Microbiology</i> , 2019, 10, 2502.	3.5	50
146	Banana-Associated Microbial Communities in Uganda Are Highly Diverse but Dominated by Enterobacteriaceae. <i>Applied and Environmental Microbiology</i> , 2012, 78, 4933-4941.	3.1	49
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