

The rhizosphere: a playground and battlefield for soilborne microorganisms

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The rhizosphere: complex by design. <i>Plant and Soil</i> , 2008, 312, 1-6.	1.8	86
2	Biological nitrification inhibition (BNI)-Is there potential for genetic interventions in the Triticeae?. <i>Breeding Science</i> , 2009, 59, 529-545.	0.9	47
3	Rhizosphere chemical dialogues: plant-microbe interactions. <i>Current Opinion in Biotechnology</i> , 2009, 20, 642-650.	3.3	513
4	Plant-microbe-soil interactions in the rhizosphere: an evolutionary perspective. <i>Plant and Soil</i> , 2009, 321, 83-115.	1.8	509
5	Acquisition of phosphorus and nitrogen in the rhizosphere and plant growth promotion by microorganisms. <i>Plant and Soil</i> , 2009, 321, 305-339.	1.8	1,391
6	Production of methyl sulfide and dimethyl disulfide from soil-incorporated plant materials and implications for controlling soilborne pathogens. <i>Plant and Soil</i> , 2009, 324, 185-197.	1.8	65
7	Comparison of rhizobacterial community composition in soil suppressive or conducive to tobacco black root rot disease. <i>ISME Journal</i> , 2009, 3, 1127-1138.	4.4	180
8	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.	1.8	106
9	Rhizosphere bacterial communities associated with disease suppressiveness stages of take-all decline in wheat monoculture. <i>New Phytologist</i> , 2009, 184, 694-707.	3.5	152
10	Combination of Fluorescent Reporters for Simultaneous Monitoring of Root Colonization and Antifungal Gene Expression by a Biocontrol Pseudomonad on Cereals with Flow Cytometry. <i>Molecular Plant-Microbe Interactions</i> , 2010, 23, 949-961.	1.4	61
11	Abundance of Microbes Involved in Nitrogen Transformation in the Rhizosphere of <i>Leucanthemopsis alpina</i> (L.) Heywood Grown in Soils from Different Sites of the Damma Glacier Forefield. <i>Microbial Ecology</i> , 2010, 60, 762-770.	1.4	66
12	Effects of genetically modified potatoes with increased zeaxanthin content on the abundance and diversity of rhizobacteria with in vitro antagonistic activity do not exceed natural variability among cultivars. <i>Plant and Soil</i> , 2010, 326, 437-452.	1.8	36
13	Siderophore and chitinase producing isolates from the rhizosphere of <i>Nicotiana glauca</i> Graham enhance growth and induce systemic resistance in <i>Solanum lycopersicum</i> L.. <i>Plant and Soil</i> , 2010, 334, 189-197.	1.8	66
14	Effects of genetically modified amylopectin-accumulating potato plants on the abundance of beneficial and pathogenic microorganisms in the rhizosphere. <i>Plant and Soil</i> , 2010, 335, 413-422.	1.8	32
15	Plant growth-promoting bacteria in the rhizo- and endosphere of plants: Their role, colonization, mechanisms involved and prospects for utilization. <i>Soil Biology and Biochemistry</i> , 2010, 42, 669-678.	4.2	1,806
16	Influence of soil type and indigenous pathogenic fungi on bean hypocotyl rot caused by <i>Rhizoctonia solani</i> AG4 HGI in Cuba. <i>Soil Biology and Biochemistry</i> , 2010, 42, 797-803.	4.2	17
17	Characterization of two anti-fungal lipopeptides produced by <i>Bacillus amyloliquefaciens</i> SH-B10. <i>Bioresource Technology</i> , 2010, 101, 8822-8827.	4.8	57
18	Plant Growth Promoting Rhizobacteria as Biocontrol Agents Against Soil-Borne Plant Diseases. <i>Microbiology Monographs</i> , 2010, , 211-230.	0.3	37

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19	Benefits of Plant Growth-Promoting Rhizobacteria and Rhizobia in Agriculture. Microbiology Monographs, 2010, , 1-20.	0.3	16
20	Azalomycin F Complex Is an Antifungal Substance Produced by <i>Streptomyces malaysiensis</i> MJM1968 Isolated from Agricultural Soil. Journal of the Korean Society for Applied Biological Chemistry, 2010, 53, 545-552.	0.9	41
21	Biogenic volatile organic compounds and plant competition. Trends in Plant Science, 2010, 15, 126-132.	4.3	159
22	Planting density for grafted melon as an alternative to methyl bromide use in Mexico. Scientia Horticulturae, 2010, 126, 236-241.	1.7	14
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24	Strigolactones: a cry for help in the rhizosphere. Botany, 2011, 89, 513-522.	0.5	78
25	PGPR Interplay with Rhizosphere Communities and Effect on Plant Growth and Health. , 2011, , 97-109.		6
26	Mikrobiologie von BÄrden. Springer-Lehrbuch, 2011, , .	0.1	27
27	The role of the antimicrobial compound 2,4-diacetylphloroglucinol in the impact of biocontrol <i>Pseudomonas fluorescens</i> F113 on <i>Azospirillum brasilense</i> phytostimulators. Microbiology (United) Tj ETQq0 0 0 rgBT /Overlœk 10 Tf 5		67
28	Potassium and sodium uptake systems in fungi. The transporter diversity of <i>Magnaporthe oryzae</i> . Fungal Genetics and Biology, 2011, 48, 812-822.	0.9	52
29	Mechanisms Used by Plant Growth-Promoting Bacteria. , 2011, , 17-46.		134
30	Indole-3-acetic acid biosynthesis in the biocontrol strain <i>Pseudomonas fluorescens</i> Psd and plant growth regulation by hormone overexpression. Research in Microbiology, 2011, 162, 426-435.	1.0	55
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35	Interaction between root rot basidiomycetes and <i>Phytophthora</i> species on pedunculate oak. Plant Pathology, 2011, 60, 296-303.	1.2	21
36	The biocontrol bacterium <i>Pseudomonas fluorescens</i> Pf29Arp strain affects the pathogenesis-related gene expression of the take-all fungus <i>Gaeumannomyces graminis</i> var. <i>tritici</i> on wheat roots. Molecular Plant Pathology, 2011, 12, 839-854.	2.0	45

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37	Host plant secondary metabolite profiling shows a complex, strain-dependent response of maize to plant growth-promoting rhizobacteria of the genus <i>Azospirillum</i> . <i>New Phytologist</i> , 2011, 189, 494-506.	3.5	147
38	Mechanisms and recent advances in biological control mediated through the potato rhizosphere. <i>FEMS Microbiology Ecology</i> , 2011, 75, 351-364.	1.3	96
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46	Physiological parameters of plants as indicators of water quality in a constructed wetland. <i>Environmental Science and Pollution Research</i> , 2011, 18, 1234-1242.	2.7	12
47	Uncultured bacterial diversity in tropical maize (<i>Zea mays</i> L.) rhizosphere. <i>Journal of Basic Microbiology</i> , 2011, 51, 15-32.	1.8	33
48	An introduction to and a reflection on the 'ecogenomics promise'. <i>Journal of Integrative Environmental Sciences</i> , 2011, 8, 23-38.	1.0	5
49	Evidence of Differences between the Communities of Arbuscular Mycorrhizal Fungi Colonizing Galls and Roots of <i>Prunus persica</i> Infected by the Root-Knot Nematode <i>Meloidogyne incognita</i> . <i>Applied and Environmental Microbiology</i> , 2011, 77, 8656-8661.	1.4	25
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53	Micro-Level Management of Agricultural Inputs: Emerging Approaches. <i>Agronomy</i> , 2012, 2, 321-357.	1.3	16
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85	Variation of secondary metabolite levels in maize seedling roots induced by inoculation with <i>Azospirillum</i> , <i>Pseudomonas</i> and <i>Glomus</i> consortium under field conditions. <i>Plant and Soil</i> , 2012, 356, 151-163.	1.8	118
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111	Unexpected Phytostimulatory Behavior for <i>Escherichia coli</i> and <i>Agrobacterium tumefaciens</i> Model Strains. <i>Molecular Plant-Microbe Interactions</i> , 2013, 26, 495-502.	1.4	20
112	Inhibitory Interactions of Rhizobacteria with the Symbiotic Fungus <i>Piriformospora indica</i> . <i>Soil Biology</i> , 2013, , 201-219.	0.6	5
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114	Role of Bacterial Communities in the Natural Suppression of <i>Rhizoctonia solani</i> Bare Patch Disease of Wheat (<i>Triticum aestivum</i> L.). <i>Applied and Environmental Microbiology</i> , 2013, 79, 7428-7438.	1.4	224
115	Arbuscular mycorrhizal symbiosis influences strigolactone production under salinity and alleviates salt stress in lettuce plants. <i>Journal of Plant Physiology</i> , 2013, 170, 47-55.	1.6	299
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117	Monitoring of the relation between 2,4-diacetylphloroglucinol-producing <i>Pseudomonas</i> and <i>Thielaviopsis basicola</i> populations by real-time PCR in tobacco black root-rot suppressive and conducive soils. <i>Soil Biology and Biochemistry</i> , 2013, 57, 144-155.	4.2	45
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123	Potential Eco-friendly Soil Microorganisms: Road Towards Green and Sustainable Agriculture. , 2013, , 249-287.		0
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133	Isolation of ACC deaminase producing PGPR from rice rhizosphere and evaluating their plant growth promoting activity under salt stress. <i>Plant and Soil</i> , 2013, 366, 93-105.	1.8	294
138	The rhizosphere microbiome: significance of plant beneficial, plant pathogenic, and human pathogenic microorganisms. <i>FEMS Microbiology Reviews</i> , 2013, 37, 634-663.	3.9	1,929
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145	A paradigm shift towards low-nitrifying production systems: the role of biological nitrification inhibition (BNI). <i>Annals of Botany</i> , 2013, 112, 297-316.	1.4	115
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153	Host Growth Can Cause Invasive Spread of Crops by Soilborne Pathogens. <i>PLoS ONE</i> , 2013, 8, e63003.	1.1	10
154	Effects of <i>Bacillus amyloliquefaciens</i> FZB42 on Lettuce Growth and Health under Pathogen Pressure and Its Impact on the Rhizosphere Bacterial Community. <i>PLoS ONE</i> , 2013, 8, e68818.	1.1	259
155	Transcriptomics of the Rice Blast Fungus <i>Magnaporthe oryzae</i> in Response to the Bacterial Antagonist <i>Lysobacter enzymogenes</i> Reveals Candidate Fungal Defense Response Genes. <i>PLoS ONE</i> , 2013, 8, e76487.	1.1	33
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157	The Composition of Root Exudates from Two Different Resistant Peanut Cultivars and Their Effects on the Growth of Soil-Borne Pathogen. <i>International Journal of Biological Sciences</i> , 2013, 9, 164-173.	2.6	120
158	Dynamic Succession of Soil Bacterial Community during Continuous Cropping of Peanut (<i>Arachis</i>)	1.1	60
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