

Bacteria with ACC deaminase can promote plant growth

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Screening of Endophytic Bacteria towards the Development of Cottage Industry: An in Vitro Study. Journal of Human Ecology: International, Interdisciplinary Journal of Man-environment Relationship, 2014, 47, 45-63.	0.1	13
2	Understanding and engineering beneficial plant-microbe interactions: plant growth promotion in energy crops. Plant Biotechnology Journal, 2014, 12, 1193-1206.	4.1	238
3	1-aminocyclopropane-1-carboxylic acid (ACC) in plants: more than just the precursor of ethylene!. Frontiers in Plant Science, 2014, 5, 640.	1.7	213
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5	Mechanism of Phosphate Solubilization and Physiological Functions of Phosphate-Solubilizing Microorganisms. , 2014, , 31-62.		117
6	Selection of mixed inoculants exhibiting growth-promoting activity in rice plants from undefined consortia obtained by continuous enrichment. Plant and Soil, 2014, 375, 215-227.	1.8	7
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8	Molecular diversity and functional variability of environmental isolates of Bacillus species. SpringerPlus, 2014, 3, 312.	1.2	39
9	Rapid degradation of <i>Pseudomonas fluorescens</i> 1-aminocyclopropane-1-carboxylic acid deaminase proteins expressed in transgenic <i>Arabidopsis</i> . FEMS Microbiology Letters, 2014, 355, 193-200.	0.7	10
10	Phylogeny and Functions of Bacterial Communities Associated with Field-Grown Rice Shoots. Microbes and Environments, 2014, 29, 329-332.	0.7	33
11	The Role of Plant-Microbe Interactions and Their Exploitation for Phytoremediation of Air Pollutants. International Journal of Molecular Sciences, 2015, 16, 25576-25604.	1.8	132
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15	Harnessing phytomicrobiome signaling for rhizosphere microbiome engineering. Frontiers in Plant Science, 2015, 6, 507.	1.7	176
16	Soluble and Volatile Metabolites of Plant Growth-Promoting Rhizobacteria (PGPRs). Advances in Botanical Research, 2015, , 241-284.	0.5	37
17	Plant growth-promoting effects of Hartmannibacter diazotrophicus on summer barley (Hordeum) Tj ETQq0 0 0 rgBTJ /Overlock 10 Tf 50	2.1	95
19	Methods to Study 1-Aminocyclopropane-1-carboxylate (ACC) Deaminase in Plant Growth-Promoting Bacteria. , 2015, , 287-305.		4

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23	Modulating Phytohormone Levels. , 2015, , 65-96.		7
24	Describing <i>Paenibacillus mucilaginosus</i> strain N3 as an efficient plant growth promoting rhizobacteria (PGPR). Cogent Food and Agriculture, 2015, 1, 1000714.	0.6	61
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39	Differentiation of 1-aminocyclopropane-1-carboxylate (ACC) deaminase from its homologs is the key for identifying bacteria containing ACC deaminase. <i>FEMS Microbiology Ecology</i> , 2015, 91, fiv112.	1.3	45
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41	<i>Principles of Plant-Microbe Interactions.</i> , 2015, , .		89
42	Characterization of the antifungal and plant growth-promoting effects of diffusible and volatile organic compounds produced by <i>Pseudomonas fluorescens</i> strains. <i>Biological Control</i> , 2015, 81, 83-92.	1.4	193
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51	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.	1.5	114
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112	Changes in volatiles in carrots inoculated with ACC deaminase-producing bacteria isolated from organic crops. <i>Plant and Soil</i> , 2016, 407, 173-186.	1.8	11

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114	Bacterial-Mediated Tolerance and Resistance to Plants Under Abiotic and Biotic Stresses. <i>Journal of Plant Growth Regulation</i> , 2016, 35, 276-300.	2.8	138
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146	Rhizobacterial <i>Pseudomonas</i> spp. Strains Harboring <i>acdS</i> Gene Could Enhance Metallicolous Legume Nodulation in Zn/Pb/Cd Mine Tailings. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	1.1	7
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148	Ecosystem services and plant physiological status during endophyte-assisted phytoremediation of metal contaminated soil. <i>Science of the Total Environment</i> , 2017, 584-585, 329-338.	3.9	79
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1317	Efforts towards overcoming drought stress in crops: Revisiting the mechanisms employed by plant growth-promoting bacteria. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	50
1318	Alleviation of salt stress in rapeseed (<i>Brassica napus</i> L.) plants by biochar-based rhizobacteria: new insights into the mechanisms regulating nutrient uptake, antioxidant activity, root growth and productivity. <i>Archives of Agronomy and Soil Science</i> , 2023, 69, 1548-1565.	1.3	8
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1325	Effects of Heavy Metal-Tolerant Microorganisms on the Growth of <i>Narra</i> Seedlings. <i>Sustainability</i> , 2022, 14, 9665.	1.6	2
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1327	<i>Glomus</i> sp. and <i>Bacillus</i> sp. strains mitigate the adverse effects of drought on maize (<i>Zea mays</i> L.). <i>Frontiers in Plant Science</i> , 0, 13, .	1.7	1
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1329	Plant growth-promoting effect and genomic analysis of the <i>P. putida</i> LWPZF isolated from <i>C. japonicum</i> rhizosphere. <i>AMB Express</i> , 2022, 12, .	1.4	3
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1332	Bio-removal of emerging pollutants by advanced bioremediation techniques. <i>Environmental Research</i> , 2022, 214, 113936.	3.7	28
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1338	Role of Pb-solubilizing and plant growth-promoting bacteria in Pb uptake by plants. , 2022, , 231-270.		0
1339	Role of Cd-resistant plant growth-promoting rhizobacteria in plant growth promotion and alleviation of the phytotoxic effects under Cd-stress. , 2022, , 271-300.		0
1340	Rhizobacterial Biostimulants: Efficacy in Enhanced Productivity and Sustainable Agriculture. , 2022, , 61-80.		0
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1347	Mitigating abiotic stress: microbiome engineering for improving agricultural production and environmental sustainability. <i>Planta</i> , 2022, 256, .	1.6	32
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1356	Realizing Food Security in Saline Environments in a Changing Climate: Mitigation Technologies. , 2022, , 383-403.		1
1357	Effect of Volatile Organic Compounds (VOCs) and Secondary Metabolites Produced by Plant Growth-Promoting Rhizobacteria (PGPR) on Seed Quality. , 2022, , 59-75.		1
1358	Antifungal Antibiotics Biosynthesized by Major PGPR. , 2022, , 199-247.		0
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1378	Perspectives of using plant growth-promoting rhizobacteria under salinity stress for sustainable crop production. , 2023, , 231-247.		1
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1385	The involvement of organic acids in soil fertility, plant health and environment sustainability. <i>Archives of Microbiology</i> , 2022, 204, .	1.0	16
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1410	Microbiome of Plants: The Diversity, Distribution, and Their Potential for Sustainable Agriculture. <i>Microorganisms for Sustainability</i> , 2023, , 211-226.	0.4	0
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1423	Mechanism of biological control of plant diseases by endophytes. , 2023, , 181-199.		0
1424	PromoÃ§Ã£o de crescimento e solubilizaÃ§Ã£o de fÃ³sforo, por <i>Bacillus megaterium</i> e <i>B. subtilis</i> , via inoculaÃ§Ã£o de sementes, associado Ã fertilizaÃ§Ã£o fostatada, na cultura da soja. <i>Research, Society and Development</i> , 2023, 12, e9812240062.	0.0	0

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1429	Hormonal signaling molecules triggered by plant growth-promoting bacteria. , 2023, , 187-196.		0
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1457	Strategies and implications of plant growth promoting rhizobacteria in sustainable agriculture. , 2023, , 21-55.		0
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