Feed Your Friends: Do Plant Exudates Shape the Root M

Trends in Plant Science

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Citation Report

#	Article	IF	Citations
1	Exometabolomic Profiling of Bacterial Strains as Cultivated Using Arabidopsis Root Extract as the Sole Carbon Source. Molecular Plant-Microbe Interactions, 2018, 31, 803-813.	1.4	28
2	The Soil-Borne Legacy. Cell, 2018, 172, 1178-1180.	13.5	366
3	The Catabolite Repressor/Activator Cra Is a Bridge Connecting Carbon Metabolism and Host Colonization in the Plant Drought Resistance-Promoting Bacterium Pantoea alhagi LTYR-11Z. Applied and Environmental Microbiology, 2018, 84, .	1.4	15
4	Metabolic coupling on roots. Nature Microbiology, 2018, 3, 396-397.	5.9	24
5	A novel method to evaluate nutrient retention by biological soil crust exopolymeric matrix. Plant and Soil, 2018, 429, 53-64.	1.8	20
6	Earthworms, Rice Straw, and Plant Interactions Change the Organic Connections in Soil and Promote the Decontamination of Cadmium in Soil. International Journal of Environmental Research and Public Health, 2018, 15, 2398.	1.2	28
7	Assessment of the allelopathic effects of seeds and seedlings of rotational crops and ryegrass. African Journal of Plant Science, 2018, 12, 309-318.	0.4	0
8	A sterile hydroponic system for characterising root exudates from specific root types and whole-root systems of large crop plants. Plant Methods, 2018, 14, 114.	1.9	25
9	The Role of Host Genetic Signatures on Rootâ€“Microbe Interactions in the Rhizosphere and Endosphere. Frontiers in Plant Science, 2018, 9, 1896.	1.7	45
10	Evolutionary Roots of Plant Microbiomes and Biogeochemical Impacts of Nonvascular Autotroph-Microbiome Systems over Deep Time. International Journal of Plant Sciences, 2018, 179, 505-522.	0.6	10
11	Characterization of novel glycosyl hydrolases discovered by cell wall glycan directed monoclonal antibody screening and metagenome analysis of maize aerial root mucilage. PLoS ONE, 2018, 13, e0204525.	1.1	34
12	The Role of Plant Transporters in Mycorrhizal Symbioses. Advances in Botanical Research, 2018, , 303-342.	0.5	9
13	Interspecies interaction of Serratia plymuthica 4Rx13 and Bacillus subtilis B2g alters the emission of sodorifen. FEMS Microbiology Letters, 2018, 365, .	0.7	9
14	Root exudates drive the soil-borne legacy of aboveground pathogen infection. Microbiome, 2018, 6, 156.	4.9	354
15	Plastic film mulching improved rhizosphere microbes and yield of rainfed spring wheat. Agricultural and Forest Meteorology, 2018, 263, 130-136.	1.9	28
16	Partner communication and role of nutrients in the arbuscular mycorrhizal symbiosis. New Phytologist, 2018, 220, 1031-1046.	3.5	188
17	Rhizosphere microbial communities of canola and wheat at six paired field sites. Applied Soil Ecology, 2018, 130, 185-193.	2.1	19
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19	The Chemistry of Plantâ€“Microbe Interactions in the Rhizosphere and the Potential for Metabolomics to Reveal Signaling Related to Defense Priming and Induced Systemic Resistance. Frontiers in Plant Science, 2018, 9, 112.	1.7	338
20	Need for Laboratory Ecosystems To Unravel the Structures and Functions of Soil Microbial Communities Mediated by Chemistry. MBio, 2018, 9, .	1.8	34
21	Root exudate metabolites drive plant-soil feedbacks on growth and defense by shaping the rhizosphere microbiota. Nature Communications, 2018, 9, 2738.	5.8	861
22	Pseudomonas chlororaphis Produces Multiple R-Tailocin Particles That Broaden the Killing Spectrum and Contribute to Persistence in Rhizosphere Communities. Applied and Environmental Microbiology, 2018, 84, .	1.4	28
23	Highly diverse endophytes in roots of Cycas bifida (Cycadaceae), an ancient but endangered gymnosperm. Journal of Microbiology, 2018, 56, 337-345.	1.3	39
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41	Plant biotransformation of T2 and HT2 toxin in cultured organs of Triticum durum Desf. Scientific Reports, 2019, 9, 14320.	1.6	11
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