

Advances in eco-efficient agriculture: The plant-soil mycobiome

Pagano, Marcela Claudia; Correa, Eduardo J. Azevedo; Duarte, Neimar F.; Yelikbayev, Bakhytzhani; O'Donovan, Anthonia; **Gupta, Vijai Kumar** Agriculture 2017 / art. 14, 12 p. <https://doi.org/10.3390/agriculture7020014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Alien plants associate with widespread generalist arbuscular mycorrhizal fungal taxa : evidence from a continental-scale study using massively parallel 454 sequencing

Moora, Mari; Berger, Silje; Davison, John; Öpik, Maarja; Bommarco, Riccardo; Bruehlheide, Helge; Kühn, Ingolf; Kunin, William; **Metsis, Madis**; Rortais, Agnes; Vanatoa, Alo; Vanatoa, Elise; Stout, Jane; **Truusa, Merlin**; Westphal, Catrin; Zobel, Martin; Walther, Gian-Reto Journal of biogeography 2011 / p. 1305-1317 : ill https://www.researchgate.net/publication/222096030_Alien_plants_associate_with_widespread_generalist_arbuscular_mycorrhizal_fungal_taxa_Evidence_from_a_continental-scale_study_using_massively_parallel_454_sequencing

Biodegradation of m-toluate by pine, mycorrhizal fungus and associated bacteria

Sarand, Inga; Koivula, Teija; Timonen, Sari; Sen, Robin; Romantschuk, Martin EMS 96 teaduskonverents, 6.-7. juuni 1996, Tallinn = EMS 96 Scientific Conference, 6-7 June 1996, Tallinn 1996 / [1] p

Bioremediation in the mycorrhizosphere : characterization of mycorrhizal fungi and their associated biodegradative fluorescent Pseudomonads

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Bioremediation in the mycorrhizosphere : characterization of mycorrhizal fungi and their associated biodegradative fluorescent Pseudomonas

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Bioremediation in the mycorrhizosphere of pine

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Bioremediation of petroleum derived hydrocarbons in the plant mycorrhizosphere

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Bioremediation of petroleum waste products : a concerted effort of plants, mycorrhizal fungi and their associated bacteria

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Communities of arbuscular mycorrhizal fungi detected in forest soil are spatially heterogeneous but do not vary throughout the growing season

Davison, John; Öpik, Maarja; Zobel, Martin; Vasar, Martti; **Metsis, Madis**; Moora, Mari PLoS ONE 2012 / p. e41938 : ill <https://pubmed.ncbi.nlm.nih.gov/22879900/>

Effect of inoculation of a TOL plasmid containing mycorrhizosphere bacterium on development of Scots pine seedlings, their mycorrhizosphere and the microbial flora in m-toluate-amended soil

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Fungal networks and orchid distribution: new insights from above- and below-ground analyses of fungal communities

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Global sampling of plant roots expands the described molecular diversity of arbuscular mycorrhizal fungi

Öpik, Maarja; Zobel, Martin; **Metsis, Madis** Mycorrhiza 2013 / p. 411-430 : ill <https://doi.org/10.1007/s00572-013-0482-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microbial biofilms and catabolic plasmid harbouring degradative fluorescent pseudomonas in Scots pine mycorrhizospheres developed on petroleum contaminated soil

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TOL plasmid : stability, transfer and activity in bacteria from soil and mycorrhizosphere

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Tolerance and biodegradation of m-toluate by Scots pine, a mycorrhizal fungus and fluorescent pseudomonads individually and under associative conditions

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