



RIO18
21st World Congress
of Soil Science

21 WORLD CONGRESS OF SOIL SCIENCE
Sunday 12 – Friday 17 August 2018
Rio de Janeiro, Brazil

Rio de Janeiro August | 12 - 17

DIVISIONAL SIMPOSIUM – DIVISION 2

Monday (Aug, 13)		Room "Oceania IX e X"	
C2.3.3		Rhizosphere mineral dynamics: soil-plant-microorganism	
		Convener: Dr. Maria Catarina Megumi Kasuya, Federal University of Viçosa, Viçosa, Brazil.	
		Co-Convener: Dr. Keitaro Tawarayama, Faculty of Agriculture, Tsuruoka, Yamagata, Japan.	
Schedule	ID	Title	Presenter
15:30 – 15:40	--	Opening	Conveners
15:40 – 15:55	494	Bacterial traits and quality contribute to the diet choice and survival of bacterial-feeding nematodes	Ting Liu
15:55 – 16:10	1120	Denitrification is lower in Bradyrhizobium japonicum than in B. diazoefficiens due to impaired nitrate reductase activity.	Arthur Fernandes Siqueira
16:10 – 16:25	1803	Diversity of bacterial community in the iron plaque of Typha latifolia growing in mine tailing wetland	Shizhong Wang
16:25 – 16:40	717	Effect of planting density on microbial activity and SOM decomposition in an arable topsoil and subsoil	Sebastian Loepmann
16:40 – 16:55	447	Funneliformis mosseae alters soil fungal community dynamics and composition during litter decomposition	Heng Gui
16:55 – 17:10	1698	Fungal communities in Eucalyptus grandis and Acacia mangium rhizosphere in different planting systems	Elke Jurandy Bran Nogueira Cardoso
17:10 – 17:25	1844	Modelling the impacts of earthworms on soil organic matter mineralization from a global meta-analysis	Michel Bertrand
17:25 – 17:40			
17:40 – 17:55	--	Closing	Conveners



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