Venkatachalam Lakshmanan

List of Publications by Year
in descending order

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17	1,383	516710	888059
papers	citations	16 h-index	17 g-index

17	17	17	2159
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microbe to Microbiome: A Paradigm Shift in the Application of Microorganisms for Sustainable Agriculture. Frontiers in Microbiology, 2020, 11, 622926.	3.5	88
2	Toward a Resilient, Functional Microbiome: Drought Tolerance-Alleviating Microbes for Sustainable Agriculture. Methods in Molecular Biology, 2017, 1631, 69-84.	0.9	26
3	Interplant Aboveground Signaling Prompts Upregulation of Auxin Promoter and Malate Transporter as Part of Defensive Response in the Neighboring Plants. Frontiers in Plant Science, 2017, 8, 595.	3.6	10
4	Impact of Seed Exudates on Growth and Biofilm Formation of Bacillus amyloliquefaciens ALB629 in Common Bean. Frontiers in Microbiology, 2017, 8, 2631.	3.5	31
5	Killing Two Birds with One Stone: Natural Rice Rhizospheric Microbes Reduce Arsenic Uptake and Blast Infections in Rice. Frontiers in Plant Science, 2016, 7, 1514.	3.6	19
6	Bacillus subtilis Early Colonization of Arabidopsis thaliana Roots Involves Multiple Chemotaxis Receptors. MBio, 2016, 7, .	4.1	189
7	A perspective on inter-kingdom signaling in plantâ€“beneficial microbe interactions. Plant Molecular Biology, 2016, 90, 537-548.	3.9	97
8	Crucial Roles of Abscisic Acid Biogenesis in Virulence of Rice Blast Fungus Magnaporthe oryzae. Frontiers in Plant Science, 2015, 6, 1082.	3.6	74
9	Root Microbiome Assemblage is Modulated by Plant Host Factors. Advances in Botanical Research, 2015, 75, 57-79.	1.1	28
10	A natural rice rhizospheric bacterium abates arsenic accumulation in rice (Oryza sativa L.). Planta, 2015, 242, 1037-1050.	3.2	63
11	Functional Soil Microbiome: Belowground Solutions to an Aboveground Problem Â. Plant Physiology, 2014, 166, 689-700.	4.8	299
12	Root transcriptome analysis of Arabidopsis thaliana exposed to beneficial Bacillus subtilis FB17 rhizobacteria revealed genes for bacterial recruitment and plant defense independent of malate efflux. Planta, 2013, 238, 657-668.	3.2	84
13	Characterization of the Complex Regulation of AtALMT1 Expression in Response to Phytohormones and Other Inducers Â Â. Plant Physiology, 2013, 162, 732-740.	4.8	77
14	Overexpression ofAtALMT1in theArabidopsis thalianaecotype Columbia results in enhanced Al-activated malate excretion and beneficial bacterium recruitment. Plant Signaling and Behavior, 2013, 8, e25565.	2.4	21
15	Factors other than root secreted malic acid that contributes towardBacillus subtilisFB17 colonization onArabidopsisroots. Plant Signaling and Behavior, 2013, 8, e27277.	2.4	22
16	Rhizobacteria Bacillus subtilis restricts foliar pathogen entry through stomata. Plant Journal, 2012, 72, 694-706.	5.7	98
17	Microbe-Associated Molecular Patterns-Triggered Root Responses Mediate Beneficial Rhizobacterial Recruitment in Arabidopsis Â Â Â. Plant Physiology, 2012, 160, 1642-1661.	4.8	157