

Selvaraj Poonguzhali

List of Publications by Year in descending order

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41
papers

2,699
citations

186265

28
h-index

276875

41
g-index

42
all docs

42
docs citations

42
times ranked

2662
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal tolerating methylotrophic bacteria reduces nickel and cadmium toxicity and promotes plant growth of tomato (<i>Lycopersicon esculentum</i> L.). <i>Chemosphere</i> , 2007, 69, 220-228.	8.2	372
2	Regulation of ethylene levels in canola (<i>Brassica campestris</i>) by 1-aminocyclopropane-1-carboxylate deaminase-containing <i>Methylobacterium fujisawaense</i> . <i>Planta</i> , 2006, 224, 268-278.	3.2	242
3	Plant Growth Promoting <i>Methylobacterium</i> Induces Defense Responses in Groundnut (<i>Arachis Tj ETQq1 1 0.784314 rgBT /Overlo</i>	2.2	129
4	<i>Bacillus methylotrophicus</i> sp. nov., a methanol-utilizing, plant-growth-promoting bacterium isolated from rice rhizosphere soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 2490-2495.	1.7	127
5	<i>Methylobacterium oryzae</i> sp. nov., an aerobic, pink-pigmented, facultatively methylotrophic, 1-aminocyclopropane-1-carboxylate deaminase-producing bacterium isolated from rice. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 326-331.	1.7	117
6	Characterization of 1-aminocyclopropane-1-carboxylate (ACC) deaminase containing <i>Methylobacterium oryzae</i> and interactions with auxins and ACC regulation of ethylene in canola (<i>Brassica campestris</i>). <i>Planta</i> , 2007, 226, 867-876.	3.2	116
7	<i>Arachidicoccus rhizosphaerae</i> gen. nov., sp. nov., a plant-growth-promoting bacterium in the family Chitinophagaceae isolated from rhizosphere soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 578-586.	1.7	95
8	Cultivable bacteria associated with larval gut of prothiofos-resistant, prothiofos-susceptible and field-caught populations of diamondback moth, <i>Plutella xylostella</i> and their potential for, antagonism towards entomopathogenic fungi and host insect nutriti. <i>Journal of Applied Microbiology</i> , 2007, 103, 2664-2675.	3.1	93
9	<i>Mucilaginibacter gossypii</i> sp. nov. and <i>Mucilaginibacter gossypicola</i> sp. nov., plant-growth-promoting bacteria isolated from cotton rhizosphere soils. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 2451-2457.	1.7	91
10	<i>Methylobacterium phyllosphaerae</i> sp. nov., a pink-pigmented, facultative methylotroph from the phyllosphere of rice. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 22-27.	1.7	90
11	Effect of co-inoculation of methylotrophic <i>Methylobacterium oryzae</i> with <i>Azospirillum brasilense</i> and <i>Burkholderia pyrrocinia</i> on the growth and nutrient uptake of tomato, red pepper and rice. <i>Plant and Soil</i> , 2010, 328, 71-82.	3.7	83
12	Isolation and identification of phosphate solubilizing bacteria from chinese cabbage and their effect on growth and phosphorus utilization of plants. <i>Journal of Microbiology and Biotechnology</i> , 2008, 18, 773-7.	2.1	80
13	Pink-pigmented facultative methylotrophic bacteria accelerate germination, growth and yield of sugarcane clone Co86032 (<i>Saccharum officinarum</i> L.). <i>Biology and Fertility of Soils</i> , 2005, 41, 350-358.	4.3	72
14	Potential for plant growth promotion in groundnut (<i>Arachis hypogaea</i> L.) cv. ALR-2 by co-inoculation of sulfur-oxidizing bacteria and <i>Rhizobium</i> . <i>Microbiological Research</i> , 2007, 162, 139-153.	5.3	72
15	Influence of pesticides on the growth rate and plant-growth promoting traits of <i>Gluconacetobacter diazotrophicus</i> . <i>Pesticide Biochemistry and Physiology</i> , 2006, 84, 143-154.	3.6	63
16	<i>Microbacterium azadirachtae</i> sp. nov., a plant-growth-promoting actinobacterium isolated from the rhizoplane of neem seedlings. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 1687-1692.	1.7	63
17	The Late Endosomal HOPS Complex Anchors Active G-Protein Signaling Essential for Pathogenesis in <i>Magnaporthe oryzae</i> . <i>PLoS Pathogens</i> , 2013, 9, e1003527.	4.7	58
18	Colonization pattern of plant root and leaf surfaces visualized by use of green-fluorescent-marked strain of <i>Methylobacterium suomiense</i> and its persistence in rhizosphere. <i>Applied Microbiology and Biotechnology</i> , 2008, 78, 1033-1043.	3.6	57

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19	<i>Enterobacter arachidis</i> sp. nov., a plant-growth-promoting diazotrophic bacterium isolated from rhizosphere soil of groundnut. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 1559-1564.	1.7	56
20	A new insight into foliar applied methanol influencing phylloplane methylotrophic dynamics and growth promotion of cotton (<i>Gossypium hirsutum</i> L.) and sugarcane (<i>Saccharum officinarum</i> L.). <i>Environmental and Experimental Botany</i> , 2006, 57, 168-176.	4.2	51
21	Cultivation-dependent characterization of rhizobacterial communities from field grown Chinese cabbage <i>Brassica campestris</i> ssp <i>pekinensis</i> and screening of traits for potential plant growth promotion. <i>Plant and Soil</i> , 2006, 286, 167-180.	3.7	48
22	<i>Methylophilus rhizosphaerae</i> sp. nov., a restricted facultative methylotroph isolated from rice rhizosphere soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 2904-2908.	1.7	47
23	<i>Flavobacterium glycines</i> sp. nov., a facultative methylotroph isolated from the rhizosphere of soybean. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 2187-2192.	1.7	47
24	<i>Methylobacterium pseudosasicola</i> sp. nov. and <i>Methylobacterium phyllostachyos</i> sp. nov., isolated from bamboo leaf surfaces. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 2376-2384.	1.7	44
25	<i>Methylobacterium gossipiicola</i> sp. nov., a pink-pigmented, facultatively methylotrophic bacterium isolated from the cotton phyllosphere. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 162-167.	1.7	43
26	<i>Bacillus rhizosphaerae</i> sp. nov., an novel diazotrophic bacterium isolated from sugarcane rhizosphere soil. <i>Antonie Van Leeuwenhoek</i> , 2011, 100, 437-444.	1.7	35
27	<i>Leifsonia soli</i> sp. nov., a yellow-pigmented actinobacterium isolated from teak rhizosphere soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 1322-1327.	1.7	33
28	Quorum-sensing signals produced by plant-growth promoting <i>Burkholderia</i> strains under in vitro and in planta conditions. <i>Research in Microbiology</i> , 2007, 158, 287-294.	2.1	31
29	<i>Duganella sacchari</i> sp. nov. and <i>Duganella radialis</i> sp. nov., two novel species isolated from rhizosphere of field-grown sugar cane. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 1126-1131.	1.7	29
30	Nodulation and plant-growth promotion by methylotrophic bacteria isolated from tropical legumes. <i>Microbiological Research</i> , 2009, 164, 114-120.	5.3	28
31	Production of acyl-homoserine lactone quorum-sensing signals is widespread in gram-negative <i>Methylobacterium</i> . <i>Journal of Microbiology and Biotechnology</i> , 2007, 17, 226-33.	2.1	28
32	Characterization of plant-growth promoting diazotrophic bacteria isolated from field grown Chinese cabbage under different fertilization conditions. <i>Journal of Microbiology</i> , 2009, 47, 147-155.	2.8	27
33	<i>Methylobacillus rhizosphaerae</i> sp. nov., a novel plant-associated methylotrophic bacterium isolated from rhizosphere of red pepper. <i>Antonie Van Leeuwenhoek</i> , 2013, 103, 475-484.	1.7	24
34	<i>Methylobacterium pseudosasae</i> sp. nov., a pink-pigmented, facultatively methylotrophic bacterium isolated from the bamboo phyllosphere. <i>Antonie Van Leeuwenhoek</i> , 2014, 105, 367-376.	1.7	20
35	<i>Paenibacillus polysaccharolyticus</i> sp. nov., a xylanolytic and cellulolytic bacteria isolated from leaves of Bamboo <i>Phyllostachys aureosulcata</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 2127-2133.	1.7	17
36	<i>Rhodanobacter glycinis</i> sp. nov., a yellow-pigmented gammaproteobacterium isolated from the rhizoplane of field-grown soybean. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 2023-2028.	1.7	16

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37	<i>Streptomyces pini</i> sp. nov., an actinomycete isolated from phylloplane of pine (<i>Pinus sylvestris</i> L.) needle-like leaves. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 4204-4210.	1.7	14
38	Influence of plant species and environmental conditions on epiphytic and endophytic pink-pigmented facultative methylotrophic bacterial populations associated with field-grown rice cultivars. <i>Journal of Microbiology and Biotechnology</i> , 2007, 17, 1645-54.	2.1	14
39	<i>Pseudomonas sesami</i> sp. nov., a plant growth-promoting Gammaproteobacteria isolated from the rhizosphere of <i>Sesamum indicum</i> L.. <i>Antonie Van Leeuwenhoek</i> , 2017, 110, 843-852.	1.7	11
40	<i>Paenibacillus methanolicus</i> sp. nov., a xylanolytic, methanol-utilizing bacterium isolated from the phyllosphere of bamboo (<i>Pseudosasa japonica</i>). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 4362-4366.	1.7	9
41	Laboratory Evaluation of Relative Toxicities of Some Insecticides Against <i>Trichogramma chilonis</i> (Hymenoptera: Trichogrammatidae) and <i>Chrysoperla carnea</i> (Neuroptera: Chrysopidae). <i>Journal of Asia-Pacific Entomology</i> , 2005, 8, 381-386.	0.9	7