

G Naresh Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,610
citations

623734

14
h-index

580821

25
g-index

27
all docs

27
docs citations

27
times ranked

1697
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of soil microorganisms in improving P nutrition of plants. <i>Plant and Soil</i> , 2002, 245, 83-93.	3.7	681
2	Effect of buffering on the phosphate-solubilizing ability of microorganisms. <i>World Journal of Microbiology and Biotechnology</i> , 1998, 14, 669-673.	3.6	145
3	Role of soil microorganisms in improving P nutrition of plants. , 2002, , 133-143.		143
4	Metabolic channeling of glucose towards gluconate in phosphate-solubilizing <i>Pseudomonas aeruginosa</i> P4 under phosphorus deficiency. <i>Research in Microbiology</i> , 2008, 159, 635-642.	2.1	106
5	Variation in the Nature of Organic Acid Secretion and Mineral Phosphate Solubilization by <i>Citrobacter</i> sp. DHRSS in the Presence of Different Sugars. <i>Current Microbiology</i> , 2008, 56, 168-174.	2.2	104
6	Heterologous expression of pyrroloquinoline quinone (pqq) gene cluster confers mineral phosphate solubilization ability to <i>Herbaspirillum seropedicae</i> Z67. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 5117-5129.	3.6	49
7	Substrate specificity of glucose dehydrogenase (GDH) of <i>Enterobacter asburiae</i> PSI3 and rock phosphate solubilization with GDH substrates as C sources. <i>Canadian Journal of Microbiology</i> , 2005, 51, 477-482.	1.7	40
8	Amelioration of phytotoxic effects of Cd on mung bean seedlings by gluconic acid secreting rhizobacterium <i>Enterobacter asburiae</i> PSI3 and implication of role of organic acid. <i>World Journal of Microbiology and Biotechnology</i> , 2008, 24, 2965-2972.	3.6	38
9	Repression of mineral phosphate solubilizing phenotype in the presence of weak organic acids in plant growth promoting fluorescent pseudomonads. <i>Bioresource Technology</i> , 2011, 102, 3055-3061.	9.6	38
10	Repression of oxalic acid-mediated mineral phosphate solubilization in rhizospheric isolates of <i>Klebsiella pneumoniae</i> by succinate. <i>Archives of Microbiology</i> , 2013, 195, 81-88.	2.2	33
11	Enhanced citric acid biosynthesis in <i>Pseudomonas fluorescens</i> ATCC 13525 by overexpression of the <i>Escherichia coli</i> citrate synthase gene. <i>Microbiology (United Kingdom)</i> , 2009, 155, 2620-2629.	1.8	30
12	2-Ketogluconic Acid Secretion by Incorporation of <i>Pseudomonas putida</i> KT 2440 Gluconate Dehydrogenase (<i>gad</i>) Operon in <i>Enterobacter asburiae</i> PSI3 Improves Mineral Phosphate Solubilization. <i>Current Microbiology</i> , 2013, 67, 388-394.	2.2	26
13	Colonization by multi-potential <i>Pseudomonas aeruginosa</i> P4 stimulates peanut (<i>Arachis hypogaea</i> L.) growth, defence physiology and root system functioning to benefit the root-rhizobacterial interface. <i>Journal of Plant Physiology</i> , 2020, 248, 153144.	3.5	22
14	Pivotal Role of Organic Acid Secretion by Rhizobacteria in Plant Growth Promotion. , 2012, , 35-53.		20
15	Protection Against 1,2-Di-methylhydrazine-Induced Systemic Oxidative Stress and Altered Brain Neurotransmitter Status by Probiotic <i>Escherichia coli</i> CFR 16 Secreting Pyrroloquinoline Quinone. <i>Current Microbiology</i> , 2015, 70, 690-697.	2.2	17
16	Remodulation of central carbon metabolic pathway in response to arsenite exposure in <i>Halobacterium salinarum</i> sp. strain NAU. <i>Microbial Biotechnology</i> , 2012, 5, 764-772.	4.2	16
17	Artificial Citrate Operon Confers Mineral Phosphate Solubilization Ability to Diverse Fluorescent Pseudomonads. <i>PLoS ONE</i> , 2014, 9, e107554.	2.5	13
18	<i>Pseudomonas fluorescens</i> ATCC 13525 Containing an Artificial Oxalate Operon and <i>Vitreoscilla</i> Hemoglobin Secretes Oxalic Acid and Solubilizes Rock Phosphate in Acidic Alfisols. <i>PLoS ONE</i> , 2014, 9, e92400.	2.5	13

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19	Broad-host-range plasmid-mediated metabolic perturbations in <i>Pseudomonas fluorescens</i> 13525. <i>Applied Microbiology and Biotechnology</i> , 2010, 88, 209-218.	3.6	12
20	Inoculation of genetically modified endophytic <i>Herbaspirillum seropedicae</i> Z67 endowed with gluconic and 2-ketogluconic acid secretion, confers beneficial effects on rice (<i>Oriza sativa</i>) plants. <i>Plant and Soil</i> , 2016, 409, 51-64.	3.7	12
21	Artificial citrate operon and <i>Vitreoscilla</i> hemoglobin gene enhanced mineral phosphate solubilizing ability of <i>Enterobacter hormaechei</i> DHRSS. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 8327-8336.	3.6	9
22	Overexpression of citrate operon in <i>Herbaspirillum seropedicae</i> Z67 enhances organic acid secretion, mineral phosphate solubilization and growth promotion of <i>Oryza sativa</i> . <i>Plant and Soil</i> , 2014, 383, 73-86.	3.7	9
23	Characterization of arsenite tolerant <i>Halomonas</i> sp. Alang-4, originated from heavy metal polluted shore of Gulf of Cambay. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2016, 51, 478-486.	1.7	9
24	Plasmid load adversely affects growth and gluconic acid secretion ability of mineral phosphate-solubilizing rhizospheric bacterium <i>Enterobacter asburiae</i> PSI3 under P limited conditions. <i>Microbiological Research</i> , 2011, 166, 36-46.	5.3	8
25	Sucrose dependent mineral phosphate solubilization in <i>Enterobacter asburiae</i> PSI3 by heterologous overexpression of periplasmic invertases. <i>World Journal of Microbiology and Biotechnology</i> , 2016, 32, 194.	3.6	7
26	Isolation and Molecular Characterization of Arsenite-Tolerant <i>Alishewanella</i> sp. GIDC-5 Originated from Industrial Effluents. <i>Geomicrobiology Journal</i> , 2014, 31, 82-90.	2.0	6
27	Ensifer meliloti overexpressing <i>Escherichia coli</i> phytase gene (<i>appA</i>) improves phosphorus (P) acquisition in maize plants. <i>Die Naturwissenschaften</i> , 2016, 103, 76.	1.6	4