G Naresh Kumar

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/12121397/publications.pdf

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	Colonization by multi-potential Pseudomonas aeruginosa P4 stimulates peanut (Arachis hypogaea L.) growth, defence physiology and root system functioning to benefit the root-rhizobacterial interface. Journal of Plant Physiology, 2020, 248, 153144.	3.5	22
2	Ensifer meliloti overexpressing Escherichia coli phytase gene (appA) improves phosphorus (P) acquisition in maize plants. Die Naturwissenschaften, 2016, 103, 76.	1.6	4
3	Sucrose dependent mineral phosphate solubilization in Enterobacter asburiae PSI3 by heterologous overexpression of periplasmic invertases. World Journal of Microbiology and Biotechnology, 2016, 32, 194.	3.6	7
4	Inoculation of genetically modified endophytic Herbaspirillum seropedicae Z67 endowed with gluconic and 2-ketogluconic acid secretion, confers beneficial effects on rice (Oriza sativa) plants. Plant and Soil, 2016, 409, 51-64.	3.7	12
5	Characterization of arsenite tolerantHalomonassp. Alang-4, originated from heavy metal polluted shore of Gulf of Cambay. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2016, 51, 478-486.	1.7	9
6	Protection Against 1,2-Di-methylhydrazine-Induced Systemic Oxidative Stress and Altered Brain Neurotransmitter Status by Probiotic Escherichia coli CFR 16 Secreting Pyrroloquinoline Quinone. Current Microbiology, 2015, 70, 690-697.	2.2	17
7	Artificial Citrate Operon Confers Mineral Phosphate Solubilization Ability to Diverse Fluorescent Pseudomonads. PLoS ONE, 2014, 9, e107554.	2.5	13
8	Heterologous expression of pyrroloquinoline quinone (pqq) gene cluster confers mineral phosphate solubilization ability to Herbaspirillum seropedicae Z67. Applied Microbiology and Biotechnology, 2014, 98, 5117-5129.	3.6	49
9	Artificial citrate operon and Vitreoscilla hemoglobin gene enhanced mineral phosphate solubilizing ability of Enterobacter hormaechei DHRSS. Applied Microbiology and Biotechnology, 2014, 98, 8327-8336.	3.6	9
10	Isolation and Molecular Characterization of Arsenite-TolerantAlishewanellasp. GIDC-5 Originated from Industrial Effluents. Geomicrobiology Journal, 2014, 31, 82-90.	2.0	6
11	Overexpression of citrate operon in Herbaspirillum seropedicae Z67 enhances organic acid secretion, mineral phosphate solubilization and growth promotion of Oryza sativa. Plant and Soil, 2014, 383, 73-86.	3.7	9
12	Pseudomonas fluorescens ATCC 13525 Containing an Artificial Oxalate Operon and Vitreoscilla Hemoglobin Secretes Oxalic Acid and Solubilizes Rock Phosphate in Acidic Alfisols. PLoS ONE, 2014, 9, e92400.	2.5	13
13	Repression of oxalic acid-mediated mineral phosphate solubilization in rhizospheric isolates of Klebsiella pneumoniae by succinate. Archives of Microbiology, 2013, 195, 81-88.	2.2	33
14	2-Ketogluconic Acid Secretion by Incorporation of Pseudomonas putida KT 2440 Gluconate Dehydrogenase (gad) Operon in Enterobacter asburiae PSI3 Improves Mineral Phosphate Solubilization. Current Microbiology, 2013, 67, 388-394.	2.2	26
15	Remodulation of central carbon metabolic pathway in response to arsenite exposure in <scp>R</scp>hodococcus sp. strain <scp>NAU</scp>â€1. Microbial Biotechnology, 2012, 5, 764-772.	4.2	16
16	Pivotal Role of Organic Acid Secretion by Rhizobacteria in Plant Growth Promotion. , 2012, , 35-53.		20
17	Plasmid load adversely affects growth and gluconic acid secretion ability of mineral phosphate-solubilizing rhizospheric bacterium Enterobacter asburiae PSI3 under P limited conditions. Microbiological Research, 2011, 166, 36-46.	5.3	8
18	Repression of mineral phosphate solubilizing phenotype in the presence of weak organic acids in plant growth promoting fluorescent pseudomonads. Bioresource Technology, 2011, 102, 3055-3061.	9.6	38

#	Article	IF	Citations
19	Broad-host-range plasmid-mediated metabolic perturbations in Pseudomonas fluorescens 13525. Applied Microbiology and Biotechnology, 2010, 88, 209-218.	3.6	12
20	Enhanced citric acid biosynthesis in Pseudomonas fluorescens ATCC 13525 by overexpression of the Escherichia coli citrate synthase gene. Microbiology (United Kingdom), 2009, 155, 2620-2629.	1.8	30
21	Amelioration of phytotoxic effects of Cd on mung bean seedlings by gluconic acid secreting rhizobacterium Enterobacter asburiae PSI3 and implication of role of organic acid. World Journal of Microbiology and Biotechnology, 2008, 24, 2965-2972.	3.6	38
22	Variation in the Nature of Organic Acid Secretion and Mineral Phosphate Solubilization by Citrobacter sp. DHRSS in the Presence of Different Sugars. Current Microbiology, 2008, 56, 168-174.	2.2	104
23	Metabolic channeling of glucose towards gluconate in phosphate-solubilizing Pseudomonas aeruginosa P4 under phosphorus deficiency. Research in Microbiology, 2008, 159, 635-642.	2.1	106
24	Substrate specificity of glucose dehydrogenase (GDH) ofEnterobacter asburiaePSI3 and rock phosphate solubilization with GDH substrates as C sources. Canadian Journal of Microbiology, 2005, 51, 477-482.	1.7	40
25	Role of soil microorganisms in improving P nutrition of plants. , 2002, , 133-143.		143
26	Role of soil microorganisms in improving P nutrition of plants. Plant and Soil, 2002, 245, 83-93.	3.7	681
27	Effect of buffering on the phosphate-solubilizing ability of microorganisms. World Journal of Microbiology and Biotechnology, 1998, 14, 669-673.	3.6	145