V S Saravanan

List of Publications by Year
in descending order

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27 papers	1,499 citations	516215 16 h-index	552369 26 g-index
27 all docs	27 docs citations	27 times ranked	1704 citing authors

#	Article	IF	Citations
1	Solubilization of zinc compounds by the diazotrophic, plant growth promoting bacterium Gluconacetobacter diazotrophicus. Chemosphere, 2007, 66, 1794-1798.	4.2	299
2	Phylogenomic analyses of the Staphylococcaceae family suggest the reclassification of five species within the genus Staphylococcus as heterotypic synonyms, the promotion of five subspecies to novel species, the taxonomic reassignment of five Staphylococcus species to Mammaliicoccus gen. nov., and the formal assignment of Nosocomiicoccus to the family Staphylococcaceae. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 5926-5936.	0.8	198
3	Ecological Occurrence of Gluconacetobacter diazotrophicus and Nitrogen-fixing Acetobacteraceae Members: Their Possible Role in Plant Growth Promotion. Microbial Ecology, 2008, 55, 130-140.	1.4	125
4	Isolation and characterization of plant growth promoting endophytic bacterial isolates from root nodule of Lespedeza sp.. Biology and Fertility of Soils, 2010, 46, 807-816.	2.3	124
5	Cultivable bacteria associated with larval gut of prothiofos-resistant, prothiofos-susceptible and field-caught populations of diamondback moth, Plutella xylostella and their potential for, antagonism towards entomopathogenic fungi and host insect nutriti. Journal of Applied Microbiology, 2007, 103, 2664-2675.	1.4	93
6	Solubilization of insoluble zinc compounds by Gluconacetobacter diazotrophicus and the detrimental action of zinc ion (Zn2+) and zinc chelates on root knot nematode Meloidogyne incognita. Letters in Applied Microbiology, 2007, 44, 235-241.	1.0	78
7	Microbial Zinc Solubilization and Their Role on Plants. , 2011, , 47-63.		66
8	Influence of pesticides on the growth rate and plant-growth promoting traits of Gluconacetobacter diazotrophicus. Pesticide Biochemistry and Physiology, 2006, 84, 143-154.	1.6	63
9	Microbacterium azadirachtae sp. nov., a plant-growth-promoting actinobacterium isolated from the rhizoplane of neem seedlings. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 1687-1692.	0.8	63
10	Enterobacter arachidis sp. nov., a plant-growth-promoting diazotrophic bacterium isolated from rhizosphere soil of groundnut. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 1559-1564.	0.8	56
11	Occurrence of Gluconacetobacter diazotrophicus in tropical and subtropical plants of Western Ghats, India. Microbiological Research, 2004, 159, 233-243.	2.5	54
12	Genome-based analyses reveal the presence of 12 heterotypic synonyms in the genus Streptomyces and emended descriptions of Streptomyces bottropensis, Streptomyces celluloï¬‚avus, Streptomyces fulvissimus, Streptomyces glaucescens, Streptomyces murinus, and Streptomyces variegatus. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 3924-3929.	0.8	35
13	Development of alginate-based aggregate inoculants ofMethylobacteriumsp. andAzospirillum brasilensetested underin vitroconditions to promote plant growth. Journal of Applied Microbiology, 2014, 116, 408-423.	1.4	30
14	Duganella sacchari sp. nov. and Duganella radicis sp. nov., two novel species isolated from rhizosphere of field-grown sugar cane. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 1126-1131.	0.8	29
15	Thiosulfate oxidation and mixotrophic growth of Methylobacterium oryzae. Canadian Journal of Microbiology, 2007, 53, 869-876.	0.8	25
16	Pesticide tolerant and phosphorus solubilizing Pseudomonas sp. strain SGRAJ09 isolated from pesticides treated Achillea clavennae rhizosphere soil. Ecotoxicology, 2013, 22, 707-717.	1.1	21
17	Proposal of Carbonactinosporaceae fam. nov. within the class Actinomycetia. Reclassification of Streptomyces thermoautotrophicus as Carbonactinospora thermoautotrophica gen. nov., comb. nov. Systematic and Applied Microbiology, 2021, 44, 126223.	1.2	20
18	Phytobacter palmae sp. nov., a novel endophytic, N2 fixing, plant growth promoting Gammaproteobacterium isolated from oil palm (Elaeis guineensis Jacq.). International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 841-848.	0.8	19

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19	Rhodanobacter glycinis sp. nov., a yellow-pigmented gammaproteobacterium isolated from the rhizoplane of field-grown soybean. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 2023-2028.	0.8	16
20	InÂvitro antibacterial activity of nanoemulsion formulation on biofilm, AHL production, hydrolytic enzyme activity, and pathogenicity ofÂPectobacterium carotovorum sub sp. carotovorum. Physiological and Molecular Plant Pathology, 2015, 91, 46-55.	1.3	15
21	Sphingomonas palmae sp. nov. and Sphingomonas gellani sp. nov., endophytically associated phyllosphere bacteria isolated from economically important crop plants. Antonie Van Leeuwenhoek, 2020, 113, 1617-1632.	0.7	13
22	Aggregation of selected plant growth promoting Methylobacterium strains: role of cell surface components and hydrophobicity. Archives of Microbiology, 2013, 195, 219-225.	1.0	12
23	Pseudomonas sesami sp. nov., a plant growth-promoting Gammaproteobacteria isolated from the rhizosphere of Sesamum indicum L.. Antonie Van Leeuwenhoek, 2017, 110, 843-852.	0.7	11
24	Chitinasiproducens palmae gen. nov., sp. nov., a new member of the family Burkholderiaceae isolated from leaf tissues of oil palm (Elaeis guineensis Jacq.). International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 2640-2647.	0.8	11
25	Candidate OP Phyla: Importance, Ecology and Cultivation Prospects. Indian Journal of Microbiology, 2010, 50, 474-477.	1.5	8
26	Comparison of Soil Bacterial Communities of Pinus patula of Nilgiris, Western Ghats with Other Biogeographically Distant Pine Forest Clone Libraries. Microbial Ecology, 2013, 66, 132-144.	1.4	8
27	Reclassification of Sphingomonas aeria as a later heterotypic synonym of Sphingomonas carotinifaciens based on whole-genome sequence analysis. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 2355-2358.	0.8	7