

Syed G Dastager

List of Publications by Year in descending order

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103
papers

2,275
citations

236925

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38
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107
all docs

107
docs citations

107
times ranked

2545
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Isolation and characterization of novel plant growth promoting <i>Micrococcus</i> sp NII-0909 and its interaction with cowpea. <i>Plant Physiology and Biochemistry</i> , 2010, 48, 987-992. | 5.8 | 127 |
| 2 | Biodegradation of mixed polycyclic aromatic hydrocarbons by pure and mixed cultures of biosurfactant producing thermophilic and thermo-tolerant bacteria. <i>Science of the Total Environment</i> , 2019, 679, 52-60. | 8.0 | 88 |
| 3 | Isolation and characterization of plant growth promoting bacteria from non-rhizospheric soil and their effect on cowpea (<i>Vigna unguiculata</i> (L.) Walp.) seedling growth. <i>World Journal of Microbiology and Biotechnology</i> , 2010, 26, 1233-1240. | 3.6 | 86 |
| 4 | Production and partial purification of α -amylase from a novel isolate <i>Streptomyces gulbargensis</i> . <i>Journal of Industrial Microbiology and Biotechnology</i> , 2009, 36, 189-194. | 3.0 | 68 |
| 5 | High yield production of cellulose by a <i>Komagataeibacter rhaeticus</i> PG2 strain isolated from pomegranate as a new host. <i>RSC Advances</i> , 2018, 8, 29797-29805. | 3.6 | 50 |
| 6 | Metagenomic insights to understand transient influence of Yamuna River on taxonomic and functional aspects of bacterial and archaeal communities of River Ganges. <i>Science of the Total Environment</i> , 2019, 674, 288-299. | 8.0 | 47 |
| 7 | Isolation and characterization of plant growth-promoting strain <i>Pantoea</i> NII-186. From Western Ghats Forest soil, India. <i>Letters in Applied Microbiology</i> , 2009, 49, 20-25. | 2.2 | 46 |
| 8 | Editorial: Actinobacteria in Special and Extreme Habitats: Diversity, Function Roles, and Environmental Adaptations. <i>Frontiers in Microbiology</i> , 2016, 7, 1415. | 3.5 | 46 |
| 9 | <i>Shimazuella kribbensis</i> gen. nov., sp. nov., a mesophilic representative of the family Thermoactinomycetaceae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007, 57, 2660-2664. | 1.7 | 45 |
| 10 | Marine Actinobacteria Showing Phosphate-Solubilizing Efficiency in Chorao Island, Goa, India. <i>Current Microbiology</i> , 2013, 66, 421-427. | 2.2 | 45 |
| 11 | <i>Nocardioides sediminis</i> sp. nov., isolated from a sediment sample. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 280-284. | 1.7 | 43 |
| 12 | Potential plant growth-promoting activity of <i>Serratia nematodiphila</i> NII-0928 on black pepper (<i>Piper</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf | 3.6 | 41 |
| 13 | Production and Cytotoxicity of Extracellular Insoluble and Droplets of Soluble Melanin by <i>Streptomyces lusitanus</i> DMZ-3. <i>BioMed Research International</i> , 2014, 2014, 1-11. | 1.9 | 41 |
| 14 | <i>Cryobacterium mesophilum</i> sp. nov., a novel mesophilic bacterium. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 1241-1244. | 1.7 | 39 |
| 15 | <i>Pontibacter niistensis</i> sp. nov., isolated from forest soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 2867-2870. | 1.7 | 39 |
| 16 | <i>Marmoricola bigeumensis</i> sp. nov., a member of the family Nocardioideaceae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 1060-1063. | 1.7 | 35 |
| 17 | <i>Nocardioides koreensis</i> sp. nov., <i>Nocardioides bigeumensis</i> sp. nov. and <i>Nocardioides agariphilus</i> sp. nov., isolated from soil from Bigeum Island, Korea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 2292-2296. | 1.7 | 35 |
| 18 | <i>Frigoribacterium mesophilum</i> sp. nov., a mesophilic actinobacterium isolated from Bigeum Island, Korea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 1869-1872. | 1.7 | 34 |

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|----|--|-----|-----------|
| 19 | Plant growth promoting potential of <i>Pontibacter niistensis</i> in cowpea (<i>Vigna unguiculata</i> (L.) Walp.). <i>Applied Soil Ecology</i> , 2011, 49, 250-255. | 4.3 | 34 |
| 20 | <i>Kocuria indica</i> sp. nov., isolated from a sediment sample. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 869-874. | 1.7 | 33 |
| 21 | <i>Exiguobacterium enclense</i> sp. nov., isolated from sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 1611-1616. | 1.7 | 32 |
| 22 | <i>Streptomyces gulbargensis</i> sp. nov., isolated from soil in Karnataka, India. <i>Antonie Van Leeuwenhoek</i> , 2007, 91, 99-104. | 1.7 | 30 |
| 23 | Complete metagenome sequencing based bacterial diversity and functional insights from basaltic hot spring of Unkeshwar, Maharashtra, India. <i>Genomics Data</i> , 2016, 7, 140-143. | 1.3 | 29 |
| 24 | <i>Leifsonia kribbensis</i> sp. nov., isolated from soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 18-21. | 1.7 | 28 |
| 25 | <i>Microbacterium immunditiarum</i> sp. nov., an actinobacterium isolated from landfill surface soil, and emended description of the genus <i>Microbacterium</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 2187-2193. | 1.7 | 28 |
| 26 | <i>Arthrobacter enclensis</i> sp. nov., isolated from sediment sample. <i>Archives of Microbiology</i> , 2014, 196, 775-782. | 2.2 | 28 |
| 27 | <i>Roseovarius azorensis</i> sp. nov., isolated from seawater at Espalamaca, Azores. <i>Antonie Van Leeuwenhoek</i> , 2014, 105, 571-578. | 1.7 | 28 |
| 28 | <i>Rubellimicrobium mesophilum</i> sp. nov., a mesophilic, pigmented bacterium isolated from soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 1797-1800. | 1.7 | 26 |
| 29 | Characterization of plant growth-promoting rhizobacterium <i>Exiguobacterium</i> NII-0906 for its growth promotion of cowpea (<i>Vigna unguiculata</i>). <i>Biologia (Poland)</i> , 2010, 65, 197-203. | 1.5 | 24 |
| 30 | Plant growth-promoting activity in newly isolated <i>Bacillus thioparasus</i> (NII-0902) from Western ghat forest, India. <i>World Journal of Microbiology and Biotechnology</i> , 2010, 26, 2277-2283. | 3.6 | 24 |
| 31 | <i>Rhodococcus enclensis</i> sp. nov., a novel member of the genus <i>Rhodococcus</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 2693-2697. | 1.7 | 24 |
| 32 | <i>Paracoccus niistensis</i> sp. nov., isolated from forest soil, India. <i>Antonie Van Leeuwenhoek</i> , 2011, 99, 501-506. | 1.7 | 23 |
| 33 | <i>Microbacterium enclense</i> sp. nov., isolated from sediment sample. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 2064-2070. | 1.7 | 23 |
| 34 | <i>Leifsonia bigeumensis</i> sp. nov., isolated from soil on Bigeum Island, Korea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008, 58, 1935-1938. | 1.7 | 22 |
| 35 | <i>Nioella nitratireducens</i> gen. nov., sp. nov., a novel member of the family <i>Rhodobacteraceae</i> isolated from Azorean Island. <i>Antonie Van Leeuwenhoek</i> , 2015, 107, 589-595. | 1.7 | 22 |
| 36 | <i>Vitellibacter nionensis</i> sp. nov., isolated from a shallow water hydrothermal vent. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 692-697. | 1.7 | 22 |

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|----|---|-----|-----------|
| 37 | Electrospun Fibers and Sorbents as a Possible Basis for Effective Composite Wound Dressings. <i>Micromachines</i> , 2020, 11, 441. | 2.9 | 22 |
| 38 | <i>Nocardioides dilutes</i> sp. nov. Isolated from Soil in Bigeum Island, Korea. <i>Current Microbiology</i> , 2008, 56, 569-573. | 2.2 | 21 |
| 39 | <i>Nocardioides halotolerans</i> sp. nov., isolated from soil on Bigeum Island, Korea. <i>Systematic and Applied Microbiology</i> , 2008, 31, 24-29. | 2.8 | 21 |
| 40 | <i>Fictibacillus enclensis</i> sp. nov., isolated from marine sediment. <i>Antonie Van Leeuwenhoek</i> , 2014, 105, 461-469. | 1.7 | 21 |
| 41 | Hydrophilic 3D Interconnected Network of Bacterial Nanocellulose/Black Titania Photothermal Foams as an Efficient Interfacial Solar Evaporator. <i>ACS Applied Bio Materials</i> , 2021, 4, 4373-4383. | 4.6 | 21 |
| 42 | <i>Myroides indicus</i> sp. nov., isolated from garden soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 4008-4012. | 1.7 | 21 |
| 43 | <i>Nocardioides mesophilus</i> sp. nov., isolated from soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 2288-2292. | 1.7 | 20 |
| 44 | Untapped bacterial diversity and metabolic potential within Unkeshwar hot springs, India. <i>Archives of Microbiology</i> , 2018, 200, 753-770. | 2.2 | 20 |
| 45 | <i>Microvirga indica</i> sp. nov., an arsenite-oxidizing Alphaproteobacterium, isolated from metal industry waste soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 3525-3531. | 1.7 | 20 |
| 46 | Proteolytic Activity from an Alkali-Thermotolerant <i>Streptomyces gulbargensis</i> sp. nov.. <i>Current Microbiology</i> , 2008, 57, 638-642. | 2.2 | 19 |
| 47 | <i>Bacillus encimensis</i> sp. nov. isolated from marine sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 1421-1425. | 1.7 | 19 |
| 48 | <i>Streptomyces lonarensis</i> sp. nov., isolated from Lonar Lake, a meteorite salt water lake in India. <i>Antonie Van Leeuwenhoek</i> , 2016, 109, 225-235. | 1.7 | 19 |
| 49 | <i>Streptomyces tritolerans</i> sp. nov., a novel actinomycete isolated from soil in Karnataka, India. <i>Antonie Van Leeuwenhoek</i> , 2007, 92, 391-397. | 1.7 | 18 |
| 50 | The Biosurfactant Surfactin as a Kinetic Promoter for Methane Hydrate Formation. <i>Energy Procedia</i> , 2017, 105, 5011-5017. | 1.8 | 18 |
| 51 | Rhizobacterial consortium mediated aroma and yield enhancement in basmati and non-basmati rice (<i>Oryza sativa</i> L.). <i>Journal of Biotechnology</i> , 2021, 328, 47-58. | 3.8 | 18 |
| 52 | Reclassification of <i>Bacillus isronensis</i> Shivaji et al. 2009 as <i>Solibacillus isronensis</i> comb. nov. and emended description of genus <i>Solibacillus</i> Krishnamurthi et al. 2009. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 2113-2120. | 1.7 | 18 |
| 53 | Impact of COVID-19 pandemic on patients with rheumatic diseases in Latin America. <i>Rheumatology International</i> , 2022, 42, 41-49. | 3.0 | 18 |
| 54 | <i>Nocardioides islandiensis</i> sp. nov., isolated from soil in Bigeum Island Korea. <i>Antonie Van Leeuwenhoek</i> , 2008, 93, 401-406. | 1.7 | 17 |

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|----|--|------|-----------|
| 55 | <i>Microbacterium kribbense</i> sp. nov., isolated from soil. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 2536-2540. | 1.7 | 17 |
| 56 | <i>Streptomyces deccanensis</i> sp. nov., an alkaliphilic species isolated from soil. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 1089-1093. | 1.7 | 17 |
| 57 | <i>Phycococcus bigeumensis</i> sp. nov., a mesophilic actinobacterium isolated from Bigeum Island, Korea. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 2425-2428. | 1.7 | 17 |
| 58 | Plant Probiotic Bacterial Endophyte, <i>Alcaligenes faecalis</i> , Modulates Plant Growth and Forskolin Biosynthesis in <i>Coleus forskohlii</i> . Probiotics and Antimicrobial Proteins, 2020, 12, 481-493. | 3.9 | 17 |
| 59 | <i>Alishewanella solinquinati</i> sp. nov., Isolated from Soil Contaminated with Textile Dyes. Current Microbiology, 2013, 67, 454-459. | 2.2 | 16 |
| 60 | <i>Streptomyces</i> sp metabolite(s) promotes Bax mediated intrinsic apoptosis and autophagy involving inhibition of mTOR pathway in cervical cancer cell lines. Scientific Reports, 2018, 8, 2810. | 3.3 | 16 |
| 61 | Development of low-cost plant probiotic formulations of functional endophytes for sustainable cultivation of <i>Coleus forskohlii</i> . Microbiological Research, 2019, 227, 126310. | 5.3 | 16 |
| 62 | A novel fatty alkene from marine bacteria: A thermo stable biosurfactant and its applications. Journal of Hazardous Materials, 2019, 380, 120868. | 12.4 | 16 |
| 63 | Antimicrobial profiling of coral reef and sponge associated bacteria from southeast coast of India. Microbial Pathogenesis, 2020, 141, 103972. | 2.9 | 16 |
| 64 | Molecular Networking and Whole-Genome Analysis Aid Discovery of an Angucycline That Inactivates mTORC1/C2 and Induces Programmed Cell Death. ACS Chemical Biology, 2020, 15, 780-788. | 3.4 | 16 |
| 65 | Isolation and Characterization of High-Strength Phenol-Degrading Novel Bacterium of the <i>Pantoea</i> Genus. Bioremediation Journal, 2009, 13, 171-179. | 2.0 | 15 |
| 66 | Growth enhancement of black pepper (<i>Piper nigrum</i>) by a newly isolated <i>Bacillus tequilensis</i> NII-0943. Biologia (Poland), 2011, 66, 801-806. | 1.5 | 15 |
| 67 | <i>Agromyces indicus</i> sp. nov., isolated from mangroves sediment in Chora Island, Goa, India. Antonie Van Leeuwenhoek, 2012, 102, 345-352. | 1.7 | 15 |
| 68 | <i>Bacillus enclensis</i> sp. nov., isolated from sediment sample. Antonie Van Leeuwenhoek, 2014, 105, 199-206. | 1.7 | 14 |
| 69 | Biofilm-associated indole acetic acid producing bacteria and their impact in the proliferation of biofilm mats in solar salterns. Biologia (Poland), 2012, 67, 454-460. | 1.5 | 13 |
| 70 | <i>Citricella manganoxidans</i> sp. nov., a novel manganese oxidizing bacterium isolated from a shallow water hydrothermal vent in Espalamaca (Azores). Antonie Van Leeuwenhoek, 2015, 108, 1433-1439. | 1.7 | 13 |
| 71 | <i>Nonomuraea indica</i> sp. nov., novel actinomycetes isolated from lime-stone open pit mine, India. Journal of Antibiotics, 2015, 68, 491-495. | 2.0 | 13 |
| 72 | <i>Bacillus cellulasensis</i> sp. nov., isolated from marine sediment. Archives of Microbiology, 2016, 198, 83-89. | 2.2 | 13 |

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|----|---|------|-----------|
| 73 | <i>Bacillus filamentosus</i> sp. nov., isolated from sediment sample. <i>Antonie Van Leeuwenhoek</i> , 2015, 107, 433-441. | 1.7 | 12 |
| 74 | Evaluation of <i>Candida tropicalis</i> (NCIM 3321) extracellular phytase having plant growth promoting potential and process development. <i>Biocatalysis and Agricultural Biotechnology</i> , 2018, 13, 225-235. | 3.1 | 12 |
| 75 | Study of nanofiber scaffolds of PAA, PAA/CS, and PAA/ALG for its potential use in biotechnological applications. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2018, 67, 800-807. | 3.4 | 12 |
| 76 | Polyphasic Taxonomy of Novel Actinobacteria Showing Macromolecule Degradation Potentials in Bigeum Island, Korea. <i>Current Microbiology</i> , 2009, 59, 21-29. | 2.2 | 11 |
| 77 | <i>Domibacillus enclensis</i> sp. nov., isolated from marine sediment, and emended description of the genus <i>Domibacillus</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 4098-4102. | 1.7 | 11 |
| 78 | Structural and electrical characterization studies for ternary composite of polypyrrole. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 18400-18411. | 2.2 | 11 |
| 79 | A New TBAF Complex, Highly Stable, Facile and Selective Source for Nucleophilic Fluorination: Applications in Batch and Flow Chemistry. <i>Asian Journal of Organic Chemistry</i> , 2020, 9, 1022-1026. | 2.7 | 11 |
| 80 | <i>Nocardioides tritolerans</i> sp. nov., Isolated from soil in Bigeum Island, Korea. <i>Journal of Microbiology and Biotechnology</i> , 2008, 18, 1203-6. | 2.1 | 11 |
| 81 | Antioxidative Metabolites Synthesized by Marine Pigmented <i>Vibrio</i> sp. and Its Protection on Oxidative Deterioration of Membrane Lipids. <i>Applied Biochemistry and Biotechnology</i> , 2016, 179, 155-167. | 2.9 | 10 |
| 82 | Bacterial Biofilm Formation Using PCL/Curcumin Electrospun Fibers and Its Potential Use for Biotechnological Applications. <i>Materials</i> , 2020, 13, 5556. | 2.9 | 10 |
| 83 | <i>Actinorectispora indica</i> gen. nov., sp. nov. isolated from soil, a member of the family <i>Pseudonocardiaceae</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 939-945. | 1.7 | 10 |
| 84 | Isolation and structural characterization of exopolysaccharide from marine <i>Bacillus</i> sp. and its optimization by Microbioreactor. <i>Carbohydrate Polymers</i> , 2022, 285, 119241. | 10.2 | 10 |
| 85 | <i>Deinococcus enclensis</i> sp. nov., isolated from a marine sediment sample. <i>Antonie Van Leeuwenhoek</i> , 2015, 107, 141-148. | 1.7 | 9 |
| 86 | Fabrication of bacterial nanocellulose/polyethyleneimine (PEI-BC) based cationic adsorbent for efficient removal of anionic dyes. <i>Journal of Polymer Research</i> , 2021, 28, 1. | 2.4 | 9 |
| 87 | Aroma Compounds. , 2009, , 105-127. | | 7 |
| 88 | Molecular insights of fungal endophyte co-inoculation with <i>Trichoderma viride</i> for the augmentation of forskolin biosynthesis in <i>Coleus forskohlii</i> . <i>Phytochemistry</i> , 2021, 184, 112654. | 2.9 | 7 |
| 89 | Bioactivities and molecular networking-based elucidation of metabolites of potent actinobacterial strains isolated from the Unkeshwar geothermal springs in India. <i>RSC Advances</i> , 2019, 9, 9850-9859. | 3.6 | 6 |
| 90 | The Family <i>Micrococcaceae</i> . , 2014, , 455-498. | | 6 |

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|-----|--|-----|-----------|
| 91 | <i>Priestia veravalensis</i> sp. nov., isolated from coastal sample. Archives of Microbiology, 2021, 203, 4839-4845. | 2.2 | 5 |
| 92 | Approach to nigericin derivatives and their therapeutic potential. RSC Advances, 2020, 10, 43085-43091. | 3.6 | 5 |
| 93 | <i>Allostreptomyces indica</i> sp. nov., isolated from India. Journal of Antibiotics, 2017, 70, 1000-1003. | 2.0 | 4 |
| 94 | Re-purposing is needed for beneficial bugs, not for the drugs. International Microbiology, 2019, 22, 1-6. | 2.4 | 4 |
| 95 | Translating SARS-CoV-2 wastewater-based epidemiology for prioritizing mass vaccination: a strategic overview. Environmental Science and Pollution Research, 2021, 28, 42975-42980. | 5.3 | 4 |
| 96 | Enceleamycins Aâ€“C, Furo-Naphthoquinones from <i>Amycolatopsis</i> sp. MCC0218: Isolation, Structure Elucidation, and Antimicrobial Activity. Journal of Natural Products, 2022, 85, 1267-1273. | 3.0 | 4 |
| 97 | Isolation of potent alpha-glucosidase inhibitor from a novel marine bacterium <i>Arthrobacter enclensis</i> . SN Applied Sciences, 2020, 2, 1. | 2.9 | 3 |
| 98 | Draft Genome Sequence of <i>Arthrobacter enclensis</i> NCIM 5488 ^T for Secondary Metabolism. Genome Announcements, 2016, 4, . | 0.8 | 2 |
| 99 | Peeping into genomic architecture by re-sequencing of <i>Ochrobactrum intermedium</i> M86 strain during laboratory adapted conditions. Genomics Data, 2016, 8, 72-76. | 1.3 | 2 |
| 100 | <i>Micrococcus niistensis</i> sp. nov., isolated from forest soil. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 3110-3110. | 1.7 | 2 |
| 101 | Comparative Study of Polycaprolactone Electrospun Fibers and Casting Films Enriched with Carbon and Nitrogen Sources and Their Potential Use in Water Bioremediation. Membranes, 2022, 12, 327. | 3.0 | 2 |
| 102 | Development and evaluation of taxon-specific primers for the selected Caudovirales taxa. Virus Research, 2019, 263, 184-188. | 2.2 | 1 |
| 103 | <i>Pontibacter niistensis</i> sp. nov., isolated from forest soil. International Journal of Systematic and Evolutionary Microbiology, 2011, 61, 700-700. | 1.7 | 0 |