

Syed G Dastager

List of Publications by Year in descending order

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103
papers

2,275
citations

270111

25
h-index

355658

38
g-index

107
all docs

107
docs citations

107
times ranked

2831
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of COVID-19 pandemic on patients with rheumatic diseases in Latin America. <i>Rheumatology International</i> , 2022, 42, 41-49.	1.5	18
2	Isolation and structural characterization of exopolysaccharide from marine <i>Bacillus</i> sp. and its optimization by Microbioreactor. <i>Carbohydrate Polymers</i> , 2022, 285, 119241.	5.1	10
3	Comparative Study of Polycaprolactone Electrospun Fibers and Casting Films Enriched with Carbon and Nitrogen Sources and Their Potential Use in Water Bioremediation. <i>Membranes</i> , 2022, 12, 327.	1.4	2
4	Enceleamycins Aâ€“C, Furo-Naphthoquinones from <i>Amycolatopsis</i> sp. MCC0218: Isolation, Structure Elucidation, and Antimicrobial Activity. <i>Journal of Natural Products</i> , 2022, 85, 1267-1273.	1.5	4
5	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.	1.9	18
6	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.	2.3	21
7	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.	1.4	7
8	Translating SARS-CoV-2 wastewater-based epidemiology for prioritizing mass vaccination: a strategic overview. <i>Environmental Science and Pollution Research</i> , 2021, 28, 42975-42980.	2.7	4
9	<i>Priestia veravalensis</i> sp. nov., isolated from coastal sample. <i>Archives of Microbiology</i> , 2021, 203, 4839-4845.	1.0	5
10	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.	1.2	9
11	Plant Probiotic Bacterial Endophyte, <i>Alcaligenes faecalis</i> , Modulates Plant Growth and Forskolin Biosynthesis in <i>Coleus forskohlii</i> . <i>Probiotics and Antimicrobial Proteins</i> , 2020, 12, 481-493.	1.9	17
12	Antimicrobial profiling of coral reef and sponge associated bacteria from southeast coast of India. <i>Microbial Pathogenesis</i> , 2020, 141, 103972.	1.3	16
13	Structural and electrical characterization studies for ternary composite of polypyrrole. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 18400-18411.	1.1	11
14	Bacterial Biofilm Formation Using PCL/Curcumin Electrospun Fibers and Its Potential Use for Biotechnological Applications. <i>Materials</i> , 2020, 13, 5556.	1.3	10
15	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.	1.3	11
16	Isolation of potent alpha-glucosidase inhibitor from a novel marine bacterium <i>Arthrobacter enclensis</i> . <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	3
17	Molecular Networking and Whole-Genome Analysis Aid Discovery of an Angucycline That Inactivates mTORC1/C2 and Induces Programmed Cell Death. <i>ACS Chemical Biology</i> , 2020, 15, 780-788.	1.6	16
18	Electrospun Fibers and Sorbents as a Possible Basis for Effective Composite Wound Dressings. <i>Micromachines</i> , 2020, 11, 441.	1.4	22

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19	Approach to nigericin derivatives and their therapeutic potential. RSC Advances, 2020, 10, 43085-43091.	1.7	5
20	Development of low-cost plant probiotic formulations of functional endophytes for sustainable cultivation of <i>Coleus forskohlii</i> . Microbiological Research, 2019, 227, 126310.	2.5	16
21	A novel fatty alkene from marine bacteria: A thermo stable biosurfactant and its applications. Journal of Hazardous Materials, 2019, 380, 120868.	6.5	16
22	Biodegradation of mixed polycyclic aromatic hydrocarbons by pure and mixed cultures of biosurfactant producing thermophilic and thermo-tolerant bacteria. Science of the Total Environment, 2019, 679, 52-60.	3.9	88
23	Metagenomic insights to understand transient influence of Yamuna River on taxonomic and functional aspects of bacterial and archaeal communities of River Ganges. Science of the Total Environment, 2019, 674, 288-299.	3.9	47
24	Bioactivities and molecular networking-based elucidation of metabolites of potent actinobacterial strains isolated from the Unkeshwar geothermal springs in India. RSC Advances, 2019, 9, 9850-9859.	1.7	6
25	Development and evaluation of taxon-specific primers for the selected Caudovirales taxa. Virus Research, 2019, 263, 184-188.	1.1	1
26	Re-purposing is needed for beneficial bugs, not for the drugs. International Microbiology, 2019, 22, 1-6.	1.1	4
27	Untapped bacterial diversity and metabolic potential within Unkeshwar hot springs, India. Archives of Microbiology, 2018, 200, 753-770.	1.0	20
28	<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.	1.6	16
29	Evaluation of <i>Candida tropicalis</i> (NCIM 3321) extracellular phytase having plant growth promoting potential and process development. Biocatalysis and Agricultural Biotechnology, 2018, 13, 225-235.	1.5	12
30	Study of nanofiber scaffolds of PAA, PAA/CS, and PAA/ALG for its potential use in biotechnological applications. International Journal of Polymeric Materials and Polymeric Biomaterials, 2018, 67, 800-807.	1.8	12
31	High yield production of cellulose by a <i>Komagataeibacter rhaeticus</i> PG2 strain isolated from pomegranate as a new host. RSC Advances, 2018, 8, 29797-29805.	1.7	50
32	<i>Allostreptomyces indica</i> sp. nov., isolated from India. Journal of Antibiotics, 2017, 70, 1000-1003.	1.0	4
33	The Biosurfactant Surfactin as a Kinetic Promoter for Methane Hydrate Formation. Energy Procedia, 2017, 105, 5011-5017.	1.8	18
34	<i>Microvirga indica</i> sp. nov., an arsenite-oxidizing Alphaproteobacterium, isolated from metal industry waste soil. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 3525-3531.	0.8	20
35	Editorial: Actinobacteria in Special and Extreme Habitats: Diversity, Function Roles, and Environmental Adaptations. Frontiers in Microbiology, 2016, 7, 1415.	1.5	46
36	Draft Genome Sequence of <i>Arthrobacter enclensis</i> NCIM 5488 ^T for Secondary Metabolism. Genome Announcements, 2016, 4, .	0.8	2

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37	Peeping into genomic architecture by re-sequencing of <i>Ochrobactrum intermedium</i> M86 strain during laboratory adapted conditions. <i>Genomics Data</i> , 2016, 8, 72-76.	1.3	2
38	<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.	0.7	19
39	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.	1.4	10
40	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
41	<i>Bacillus cellulasensis</i> sp. nov., isolated from marine sediment. <i>Archives of Microbiology</i> , 2016, 198, 83-89.	1.0	13
42	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.	0.8	18
43	<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.	0.8	10
44	<i>Microbacterium enclense</i> sp. nov., isolated from sediment sample. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 2064-2070.	0.8	23
45	<i>Citricella manganoxidans</i> sp. nov., a novel manganese oxidizing bacterium isolated from a shallow water hydrothermal vent in Espalamaca (Azores). <i>Antonie Van Leeuwenhoek</i> , 2015, 108, 1433-1439.	0.7	13
46	<i>Bacillus encimensis</i> sp. nov. isolated from marine sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 1421-1425.	0.8	19
47	<i>Deinococcus enclensis</i> sp. nov., isolated from a marine sediment sample. <i>Antonie Van Leeuwenhoek</i> , 2015, 107, 141-148.	0.7	9
48	<i>Nioella nitratreducens</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.	0.7	22
49	<i>Nonomuraea indica</i> sp. nov., novel actinomycetes isolated from lime-stone open pit mine, India. <i>Journal of Antibiotics</i> , 2015, 68, 491-495.	1.0	13
50	<i>Bacillus filamentosus</i> sp. nov., isolated from sediment sample. <i>Antonie Van Leeuwenhoek</i> , 2015, 107, 433-441.	0.7	12
51	<i>Exiguobacterium enclense</i> sp. nov., isolated from sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 1611-1616.	0.8	32
52	<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.	0.8	22
53	<i>Myroides indicus</i> sp. nov., isolated from garden soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 4008-4012.	0.8	21
54	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.	0.9	41

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55	<i>Bacillus enclensis</i> sp. nov., isolated from sediment sample. <i>Antonie Van Leeuwenhoek</i> , 2014, 105, 199-206.	0.7	14
56	<i>Fictibacillus enclensis</i> sp. nov., isolated from marine sediment. <i>Antonie Van Leeuwenhoek</i> , 2014, 105, 461-469.	0.7	21
57	<i>Kocuria indica</i> sp. nov., isolated from a sediment sample. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 869-874.	0.8	33
58	<i>Arthrobacter enclensis</i> sp. nov., isolated from sediment sample. <i>Archives of Microbiology</i> , 2014, 196, 775-782.	1.0	28
59	<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.	0.8	24
60	<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.	0.8	11
61	<i>Roseovarius azorensis</i> sp. nov., isolated from seawater at Espalamaca, Azores. <i>Antonie Van Leeuwenhoek</i> , 2014, 105, 571-578.	0.7	28
62	The Family Micrococcaceae. , 2014, , 455-498.		6
63	<i>Alishewanella solinquinati</i> sp. nov., Isolated from Soil Contaminated with Textile Dyes. <i>Current Microbiology</i> , 2013, 67, 454-459.	1.0	16
64	Marine Actinobacteria Showing Phosphate-Solubilizing Efficiency in Chorao Island, Goa, India. <i>Current Microbiology</i> , 2013, 66, 421-427.	1.0	45
65	<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.	0.8	28
66	<i>Agromyces indicus</i> sp. nov., isolated from mangroves sediment in Chorao Island, Goa, India. <i>Antonie Van Leeuwenhoek</i> , 2012, 102, 345-352.	0.7	15
67	Biofilm-associated indole acetic acid producing bacteria and their impact in the proliferation of biofilm mats in solar salterns. <i>Biologia (Poland)</i> , 2012, 67, 454-460.	0.8	13
68	<i>Micrococcus niistensis</i> sp. nov., isolated from forest soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012, 62, 3110-3110.	0.8	2
69	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.	2.1	34
70	Growth enhancement of black pepper (<i>Piper nigrum</i>) by a newly isolated <i>Bacillus tequilensis</i> NII-0943. <i>Biologia (Poland)</i> , 2011, 66, 801-806.	0.8	15
71	Potential plant growth-promoting activity of <i>Serratia nematodiphila</i> NII-0928 on black pepper (<i>Piper</i>) Tj ETQq1 1 0.784314 rgBT /Over 1.7 41	0.7	23
72	<i>Paracoccus niistensis</i> sp. nov., isolated from forest soil, India. <i>Antonie Van Leeuwenhoek</i> , 2011, 99, 501-506.	0.7	23

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73	<i>Pontibacter niistensis</i> sp. nov., isolated from forest soil. International Journal of Systematic and Evolutionary Microbiology, 2011, 61, 700-700.	0.8	0
74	Characterization of plant growth-promoting rhizobacterium <i>Exiguobacterium</i> NII-0906 for its growth promotion of cowpea (<i>Vigna unguiculata</i>). Biologia (Poland), 2010, 65, 197-203.	0.8	24
75	<i>Nocardioides mesophilus</i> sp. nov., isolated from soil. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 2288-2292.	0.8	20
76	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. World Journal of Microbiology and Biotechnology, 2010, 26, 1233-1240.	1.7	86
77	Plant growth-promoting activity in newly isolated <i>Bacillus thioparasus</i> (NII-0902) from Western ghat forest, India. World Journal of Microbiology and Biotechnology, 2010, 26, 2277-2283.	1.7	24
78	Isolation and characterization of novel plant growth promoting <i>Micrococcus</i> sp NII-0909 and its interaction with cowpea. Plant Physiology and Biochemistry, 2010, 48, 987-992.	2.8	127
79	<i>Pontibacter niistensis</i> sp. nov., isolated from forest soil. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 2867-2870.	0.8	39
80	<i>Leifsonia kribbensis</i> sp. nov., isolated from soil. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 18-21.	0.8	28
81	<i>Nocardioides sediminis</i> sp. nov., isolated from a sediment sample. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 280-284.	0.8	43
82	Production and partial purification of α -amylase from a novel isolate <i>Streptomyces gulbargensis</i> . Journal of Industrial Microbiology and Biotechnology, 2009, 36, 189-194.	1.4	68
83	Polyphasic Taxonomy of Novel Actinobacteria Showing Macromolecule Degradation Potentials in Bigeum Island, Korea. Current Microbiology, 2009, 59, 21-29.	1.0	11
84	Isolation and characterization of plant growth-promoting strain <i>Pantoea</i> NII-186. From Western Ghat Forest soil, India. Letters in Applied Microbiology, 2009, 49, 20-25.	1.0	46
85	Aroma Compounds. , 2009, , 105-127.		7
86	Isolation and Characterization of High-Strength Phenol-Degrading Novel Bacterium of the <i>Pantoea</i> Genus. Bioremediation Journal, 2009, 13, 171-179.	1.0	15
87	<i>Nocardioides dilutes</i> sp. nov. Isolated from Soil in Bigeum Island, Korea. Current Microbiology, 2008, 56, 569-573.	1.0	21
88	Proteolytic Activity from an Alkali-Thermotolerant <i>Streptomyces gulbargensis</i> sp. nov.. Current Microbiology, 2008, 57, 638-642.	1.0	19
89	<i>Nocardioides islandiensis</i> sp. nov., isolated from soil in Bigeum Island Korea. Antonie Van Leeuwenhoek, 2008, 93, 401-406.	0.7	17
90	<i>Nocardioides halotolerans</i> sp. nov., isolated from soil on Bigeum Island, Korea. Systematic and Applied Microbiology, 2008, 31, 24-29.	1.2	21

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91	<i>Microbacterium kribbense</i> sp. nov., isolated from soil. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 2536-2540.	0.8	17
92	<i>Rubellimicrobium mesophilum</i> sp. nov., a mesophilic, pigmented bacterium isolated from soil. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 1797-1800.	0.8	26
93	<i>Marmoricola bigeumensis</i> sp. nov., a member of the family Nocardioideaceae. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 1060-1063.	0.8	35
94	<i>Nocardiooides koreensis</i> sp. nov., <i>Nocardiooides bigeumensis</i> sp. nov. and <i>Nocardiooides agariphilus</i> sp. nov., isolated from soil from Bigeum Island, Korea. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 2292-2296.	0.8	35
95	<i>Streptomyces deccanensis</i> sp. nov., an alkaliphilic species isolated from soil. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 1089-1093.	0.8	17
96	<i>Leifsonia bigeumensis</i> sp. nov., isolated from soil on Bigeum Island, Korea. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 1935-1938.	0.8	22
97	<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.	0.8	17
98	<i>Frigoribacterium mesophilum</i> sp. nov., a mesophilic actinobacterium isolated from Bigeum Island, Korea. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 1869-1872.	0.8	34
99	<i>Cryobacterium mesophilum</i> sp. nov., a novel mesophilic bacterium. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 1241-1244.	0.8	39
100	<i>Nocardiooides tritolerans</i> sp. nov., Isolated from soil in Bigeum Island, Korea. Journal of Microbiology and Biotechnology, 2008, 18, 1203-6.	0.9	11
101	<i>Shimazuella kribbensis</i> gen. nov., sp. nov., a mesophilic representative of the family Thermoactinomycetaceae. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 2660-2664.	0.8	45
102	<i>Streptomyces gulgargensis</i> sp. nov., isolated from soil in Karnataka, India. Antonie Van Leeuwenhoek, 2007, 91, 99-104.	0.7	30
103	<i>Streptomyces tritolerans</i> sp. nov., a novel actinomycete isolated from soil in Karnataka, India. Antonie Van Leeuwenhoek, 2007, 92, 391-397.	0.7	18