Ch Sasikala

List of Publications by Year
in descending order

191 papers	4,685 citations	109137 35 h-index	197535 49 g-index
196 all docs	196 docs citations	196 times ranked	3285 citing authors

#	Article	IF	Citations
1	Degradation of chlorinated nitroaromatic compounds. Applied Microbiology and Biotechnology, 2012, 93, 2265-2277.	1.7	128
2	Paraclostridium benzoelyticum gen. nov., sp. nov., isolated from marine sediment and reclassification of Clostridium bifermentans as Paraclostridium bifermentans comb. nov. Proposal of a new genus Paeniclostridium gen. nov. to accommodate Clostridium sordellii and Clostridium ghonii. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 1268-1274.	0.8	102
3	Transition metal titanium (Ti) doped LaFeO 3 nanoparticles for enhanced optical structural and magnetic properties. Journal of Alloys and Compounds, 2017, 712, 870-877.	2.8	96
4	Taxogenomics Resolves Conflict in the Genus Rhodobacter: A Two and Half Decades Pending Thought to Reclassify the Genus Rhodobacter. Frontiers in Microbiology, 2019, 10, 2480.	1.5	88
5	Environmental regulation for optimal biomass yield and photoproduction of hydrogen by Rhodobacter sphaeroides O.U. 001. International Journal of Hydrogen Energy, 1991, 16, 597-601.	3.8	87
6	Erythrobacter odishensis sp. nov. and Pontibacter odishensis sp. nov. isolated from dry soil of a solar saltern. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 4524-4532.	0.8	86
7	5-Aminolevulinic acid: A potential herbicide/insecticide from microorganisms. Biotechnology Progress, 1994, 10, 451-459.	1.3	72
8	Biotechnological Potentials of Anoxygenic Phototrophic Bacteria. I. Production of Single-Cell Protein, Vitamins, Ubiquinones, Hormones, and Enzymes and Use in Waste Treatment. Advances in Applied Microbiology, 1995, 41, 173-226.	1.3	71
9	Arcobacter anaerophilus sp. nov., isolated from an estuarine sediment and emended description of the genus Arcobacter. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 4619-4625.	0.8	71
10	Flavobacterium aquaticum sp. nov., isolated from a water sample of a rice field. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 3463-3469.	0.8	60
11	Microbial metabolism of pyrazines. Critical Reviews in Microbiology, 2011, 37, 99-112.	2.7	59
12	Photoproduction of hydrogen from the waste water of a distillery by Rhodobacter sphaeroides O.U. 001. International Journal of Hydrogen Energy, 1992, 17, 23-27.	3.8	54
13	Biodegradation and Metabolism of Unusual Carbon Compounds by Anoxygenic Phototrophic Bacteria. Advances in Microbial Physiology, 1997, 39, 339-377.	1.0	54
14	Rhodobacter viridis sp. nov., a phototrophic bacterium isolated from mud of a stream. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 181-186.	0.8	54
15	Halodesulfovibrio spirochaetisodalis gen. nov. sp. nov. and reclassification of four Desulfovibrio spp.. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 87-93.	0.8	54
16	Regulation of simultaneous hydrogen photoproduction during growth by pH and glutamate in Rhodobacter sphaeroides O.U. 001. International Journal of Hydrogen Energy, 1995, 20, 123-126.	3.8	53
17	Production of indole-3-acetic acid and related indole derivatives from L-tryptophan by Rubrivivax benzoatilyticus JA2. Applied Microbiology and Biotechnology, 2011, 89, 1001-1008.	1.7	53
18	Falsirhodobacter halotolerans gen. nov., sp. nov., isolated from dry soils of a solar saltern. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 2132-2137.	0.8	53

#	Article	IF	Citations
19	Performance of Microbial Concrete Developed Using Bacillus Subtilus JC3. Journal of the Institution of Engineers (India): Series A, 2017, 98, 501-510.	0.6	53
20	Descriptions of Rhodopseudomonas parapalustris sp. nov., Rhodopseudomonas harwoodiae sp. nov. and Rhodopseudomonas pseudopalustris sp. nov., and emended description of Rhodopseudomonas palustris. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 1790-1798.	0.8	52
21	Rubrivivax benzoatilyticus sp. nov., an aromatic, hydrocarbon-degrading purple betaproteobacterium. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 2157-2164.	0.8	51
22	Rhodobacter vinaykumarii sp. nov., a marine phototrophic alphaproteobacterium from tidal waters, and emended description of the genus Rhodobacter. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 1984-1987.	0.8	51
23	Roseomonas aestuarii sp. nov., a bacteriochlorophyll-a containing alphaproteobacterium isolated from an estuarine habitat of India. Systematic and Applied Microbiology, 2010, 33, 198-203.	1.2	50
24	Rhodobacter johrii sp. nov., an endospore-producing cryptic species isolated from semi-arid tropical soils. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 2099-2107.	0.8	50
25	Rhodovulum imhoffii sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 228-232.	0.8	49
26	Phaeospirillum oryzae sp. nov., a spheroplast-forming, phototrophic alphaproteobacterium from a paddy soil. International Journal of Systematic and Evolutionary Microbiology, 2011, 61, 1656-1661.	0.8	48
27	Phaeovibrio sulfidiphilus gen. nov., sp. nov., phototrophic alphaproteobacteria isolated from brackish water. International Journal of Systematic and Evolutionary Microbiology, 2011, 61, 828-833.	0.8	46
28	Rhizobium subbaraonis sp. nov., an endolithic bacterium isolated from beach sand. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 581-585.	0.8	46
29	New insights into aniline toxicity: Aniline exposure triggers envelope stress and extracellular polymeric substance formation in Rubrivivax benzoatilyticus JA2. Journal of Hazardous Materials, 2020, 385, 121571.	6.5	45
30	Description of â€ Candidatus Marispirochaeta associataâ€™ and reclassification of Spirochaeta bajacaliforniensis, Spirochaeta smaragdinae and Spirochaeta sinaica to a new genus Sediminispirochaeta gen. nov. as Sediminispirochaeta bajacaliforniensis comb. nov., Sediminispirochaeta smaragdinae comb. nov. and Sediminispirochaeta sinaica comb. nov.. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 5485-5492.	0.8	44
31	Biotechnological Potentials of Anoxygenic Phototrophic Bacteria. II. Biopolyesters, Biopesticide, Biofuel, and Biofertilizer. Advances in Applied Microbiology, 1995, 41, 227-278.	1.3	41
32	Description of Ectothiorhodospira salini sp. nov.. Journal of General and Applied Microbiology, 2010, 56, 313-319.	0.4	41
33	Rhodoplanes pokkaliisoli sp. nov., a phototrophic alphaproteobacterium isolated from a waterlogged brackish paddy soil. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 2153-2157.	0.8	40
34	Alkalispirochaeta cellulosivorans gen. nov., sp. nov., a cellulose-hydrolysing, alkaliphilic, halotolerant bacterium isolated from the gut of a wood-eating cockroach (Cryptocercus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 147 Td (p Alkalispirochaeta gen. nov.. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 1612-1619.	0.8	40
35	Rhodobacter maris sp. nov., a phototrophic alphaproteobacterium isolated from a marine habitat of India. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 1719-1722.	0.8	39
36	Ciceribacter lividus gen. nov., sp. nov., isolated from rhizosphere soil of chick pea (Cicer arietinum L.). International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 4484-4488.	0.8	39

#	Article	IF	Citations
37	Marichromatium indicum sp. nov., a novel purple sulfur gammaproteobacterium from mangrove soil of Goa, India. International Journal of Systematic and Evolutionary Microbiology, 2005, 55, 673-679.	0.8	36
38	Rhodoplanes piscinae sp. nov. isolated from pond water. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 2828-2834.	0.8	36
39	Spirochaeta sphaeroplastigenens sp. nov., a halo-alkaliphilic, obligately anaerobic spirochaete isolated from soda lake Lonar. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 2223-2228.	0.8	36
40	Rhodobacter changlensis sp. nov., a psychrotolerant, phototrophic alphaproteobacterium from the Himalayas of India. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 2568-2571.	0.8	35
41	Spirochaeta lutea sp. nov., isolated from marine habitats and emended description of the genus Spirochaeta. Systematic and Applied Microbiology, 2015, 38, 110-114.	1.2	35
42	Rhodobacter ovatus sp. nov., a phototrophic alphaproteobacterium isolated from a polluted pond. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 1379-1383.	0.8	33
43	Effect of gas phase on the photoproduction of hydrogen and substrate conversion efficiency in the photosynthetic bacterium Rhodobacter sphaeroides O.U. 001. International Journal of Hydrogen Energy, 1990, 15, 795-797.	3.8	32
44	Marichromatium bheemlicum sp. nov., a non-diazotrophic, photosynthetic gammaproteobacterium from a marine aquaculture pond. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 1261-1265.	0.8	32
45	Albidoferax, a new genus of Comamonadaceae and reclassification of Rhodoferax ferrireducens (Finneran et al., 2003) as Albidoferax ferrireducens comb. nov.. Journal of General and Applied Microbiology, 2009, 55, 301-304.	0.4	31
46	Rhodopseudomonas pentothenatexigens sp. nov. and Rhodopseudomonas thermotolerans sp. nov., isolated from paddy soils. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 200-207.	0.8	31
47	Roseospira visakhapatnamensis sp. nov. and Roseospira goensis sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 2453-2457.	0.8	30
48	Catabolism of l-phenylalanine and l-tyrosine by Rhodobacter sphaeroides OU5 occurs through 3,4-dihydroxyphenylalanine. Research in Microbiology, 2007, 158, 506-511.	1.0	30
49	Alcanivorax xenomutans sp. nov., a hydrocarbonoclastic bacterium isolated from a shrimp cultivation pond. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 3553-3558.	0.8	30
50	Integrated Metabolomic and Proteomic Analysis Reveals Systemic Responses of Rubrivivax benzoatilyticus JA2 to Aniline Stress. Journal of Proteome Research, 2015, 14, 711-727.	1.8	30
51	Rhodovulum marinum sp. nov., a novel phototrophic purple non-sulfur alphaproteobacterium from marine tides of Visakhapatnam, India. International Journal of Systematic and Evolutionary Microbiology, 2006, 56, 1651-1656.	0.8	29
52	Desulfovibrio psychrotolerans sp. nov., a psychrotolerant and moderately alkaliphilic sulfate-reducing deltaproteobacterium from the Himalayas. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 821-825.	0.8	29
53	Molecular and culture dependent characterization of endolithic bacteria in two beach sand samples and description of Rhizobium endolithicum sp. nov.. Antonie Van Leeuwenhoek, 2013, 104, 1235-1244.	0.7	29
54	Description of Rhodobacter azollae sp. nov. and Rhodobacter lacus sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 3289-3295.	0.8	29

#	Article	IF	Citations
55	Desertibacillus haloalkaliphilus gen. nov., sp. nov., isolated from a saline desert. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 4435-4442.	0.8	29
56	Rhodobacter aestuarii sp. nov., a phototrophic alphaproteobacterium isolated from an estuarine environment. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 1133-1136.	0.8	28
57	Rhodomicrobium udaipurense sp. nov., a psychrotolerant, phototrophic alphaproteobacterium isolated from a freshwater stream. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 2684-2689.	0.8	28
58	Reclassification of Rhodospirillum photometricum Molisch 1907, Rhodospirillum sulfurexigens Anil Kumar et al. 2008 and Rhodospirillum oryzae Lakshmi et al. 2013 in a new genus, Pararhodospirillum gen. nov., as Pararhodospirillum photometricum comb. nov., Pararhodospirillum sulfurexigens comb. nov. and Pararhodospirillum oryzae comb. nov., respectively, and emended description of the genus Rhodospirillum. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 1154-1159.	0.8	28
59	Rhodoplanes oryzae sp. nov., a phototrophic alphaproteobacterium isolated from the rhizosphere soil of paddy. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 2198-2203.	0.8	28
60	Pontibacter ruber sp. nov. and Pontibacter deserti sp. nov., isolated from the desert. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 1006-1011.	0.8	28
61	Reclassification of Gemmobacter changlensis to a new genus as Cereibacter changlensis gen. nov., comb. nov.. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 794-798.	0.8	28
62	Georgenia satyanarayanai sp. nov., an alkaliphilic and thermotolerant amylase-producing actinobacterium isolated from a soda lake. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 2405-2409.	0.8	27
63	Biological hydrogen production: molecular and electrolytic perspectives. World Journal of Microbiology and Biotechnology, 2019, 35, 116.	1.7	27
64	Emended description of the genus Rhodothalassium Imhoff et al., 1998 and proposal of Rhodothalassiaceae fam. nov. and Rhodothalassiales ord. nov. Systematic and Applied Microbiology, 2013, 36, 28-32.	1.2	26
65	Rhodovulum salis sp. nov. and Rhodovulum viride sp. nov., phototrophic Alphaproteobacteria isolated from marine habitats. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 957-962.	0.8	26
66	Rhodobacter alkalitolerans sp. nov., isolated from an alkaline brown pond. Archives of Microbiology, 2018, 200, 1487-1492.	1.0	26
67	Zooshikella marina sp. nov. a cycloprodigiosin- and prodigiosin-producing marine bacterium isolated from beach sand. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 4669-4673.	0.8	26
68	Biodegradable Polyesters. Advances in Applied Microbiology, 1996, 42, 97-218.	1.3	25
69	Salibacterium halotolerans gen. nov., sp. nov., a bacterium isolated from a salt pan, reclassification of Bacillus qingdaonensis as Salibacterium qingdaonense comb. nov. and Bacillus halochares as Salibacterium halochares comb. nov.. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 4270-4275.	0.8	25
70	Rhodobacter megalophilus sp. nov., a phototroph from the Indian Himalayas possessing a wide temperature range for growth. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 1792-1796.	0.8	24
71	Effect of Pesticides on the Diazotrophic Growth and Nitrogenase Activity of Purple Nonsulfur Bacteria. Bulletin of Environmental Contamination and Toxicology, 1997, 58, 463-468.	1.3	23
72	Halochromatium roseum sp. nov., a non-motile phototrophic gammaproteobacterium with gas vesicles, and emended description of the genus Halochromatium. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 2110-2113.	0.8	23

#	Article	IF	Citations
73	Salinimicrobium sediminis sp. nov., isolated from a deep-sea sediment. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 984-988.	0.8	23
74	Roseomonas oryzae sp. nov., isolated from paddy rhizosphere soil. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 3535-3540.	0.8	23
75	Rhodococcus electrodiphilus sp. nov., a marine electro active actinobacterium isolated from coral reef. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 2644-2649.	0.8	23
76	Salinicoccus halitifaciens sp. nov., a novel bacterium participating in halite formation. Antonie Van Leeuwenhoek, 2013, 103, 885-898.	0.7	22
77	Bacillus luteus sp. nov., isolated from soil. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 1580-1586.	0.8	22
78	Planctopirus hydrillae sp. nov., an antibiotic producing Planctomycete isolated from the aquatic plant Hydrilla and its whole genome shotgun sequence analysis. Journal of Antibiotics, 2018, 71, 575-583.	1.0	22
79	Flectobacillus rhizosphaerae sp. nov., isolated from the rhizosphere soil of Oryza sativa (L.), and emended description of the genus Flectobacillus. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 3451-3456.	0.8	22
80	Rhodovulum kholense sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 1723-1726.	0.8	21
81	Shewanella chilikensis sp. nov., a moderately alkaliphilic gammaproteobacterium isolated from a lagoon. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 3111-3115.	0.8	21
82	Aniline-Induced Tryptophan Production and Identification of Indole Derivatives from Three Purple Bacteria. Current Microbiology, 2010, 61, 285-290.	1.0	21
83	l-Phenylalanine catabolism and l-phenyllactic acid production by a phototrophic bacterium, Rubrivivax benzoatilyticus JA2. Microbiological Research, 2012, 167, 526-531.	2.5	20
84	Mongoliicoccus alkaliphilus sp. nov. and Litoribacter alkaliphilus sp. nov., isolated from salt pans. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 3457-3462.	0.8	20
85	Hopanoid inventory of Rhodoplanes spp.. Archives of Microbiology, 2015, 197, 861-867.	1.0	20
86	Bacillus lonarensis sp. nov., an alkalitolerant bacterium isolated from a soda lake. Archives of Microbiology, 2015, 197, 27-34.	1.0	20
87	Hoeflea olei sp. nov., a diesel-oil-degrading, anoxygenic, phototrophic bacterium isolated from backwaters and emended description of the genus Hoeflea. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 2403-2409.	0.8	20
88	Spirochaeta odontotermitis sp. nov., an obligately anaerobic, cellulolytic, halotolerant, alkaliphilic spirochaete isolated from the termite Odontotermes obesus (Rambur) gut. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 4589-4594.	0.8	20
89	Phaeospirillum chandramohanii sp. nov., a phototrophic alphaproteobacterium with carotenoid glycosides. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 2089-2093.	0.8	19
90	Phaeospirillum tilakii sp. nov., a phototrophic alphaproteobacterium isolated from aquatic sediments. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 1069-1074.	0.8	19

#	Article	IF	Citations
91	Neurosporene is the major carotenoid accumulated by Rhodobacter viridis JA737. Biotechnology Letters, 2013, 35, 1093-1097.	1.1	19
92	Vogesella alkaliphila sp. nov., isolated from an alkaline soil, and emended description of the genus Vogesella. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 2338-2343.	0.8	19
93	Hymenobacter roseus sp. nov., isolated from sand. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 4129-4133.	0.8	19
94	Draft Genome Sequence of Rhodomicrobium udaipurense JA643T with Special Reference to Hopanoid Biosynthesis. DNA Research, 2014, 21, 639-647.	1.5	19
95	Cellulosimicrobium aquatile sp. nov., isolated from Panagal reservoir, Nalgonda, India. Antonie Van Leeuwenhoek, 2015, 108, 1357-1364.	0.7	19
96	Ornithinimicrobium algicola sp. nov., a marine actinobacterium isolated from the green alga of the genus Ulva. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 4627-4631.	0.8	19
97	Rhodovulum aestuarii sp. nov., isolated from a brackish water body. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 165-171.	0.8	19
98	Thiophaeococcus mangrovi gen. nov., sp. nov., a photosynthetic, marine gammaproteobacterium isolated from the Bhitarkanika mangrove forest of India. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 2660-2664.	0.8	18
99	Prosthecochloris indica sp. nov., a novel green sulfur bacterium from a marine aquaculture pond, Kakinada, India. Journal of General and Applied Microbiology, 2009, 55, 163-169.	0.4	18
100	Shewanella fodinae sp. nov., isolated from a coal mine and from a marine lagoon. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 1649-1654.	0.8	18
101	Two novel species of marine phototrophic Gammaproteobacteria: Thiorhodococcus bheemlicus sp. nov. and Thiorhodococcus kakinadensis sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 2458-2461.	0.8	17
102	Marichromatium litoris sp. nov. and Marichromatium chrysaorae sp. nov. isolated from beach sand and from a jelly fish (Chrysaora colorata). Systematic and Applied Microbiology, 2011, 34, 600-605.	1.2	17
103	Rhodovulum bhavnagarense sp. nov., a phototrophic alphaproteobacterium isolated from a pink pond. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 2528-2532.	0.8	17
104	Cohaesibacter haloalkalitolerans sp. nov., isolated from a soda lake, and emended description of the genus Cohaesibacter. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 4271-4276.	0.8	17
105	Allochromatium renukae sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 404-407.	0.8	17
106	Light-Dependent Transformation of Aniline to Indole Esters by the Purple Bacterium Rhodobacter sphaeroides OU5. Current Microbiology, 2006, 52, 413-417.	1.0	16
107	Rhodobium gokarnense sp. nov., a novel phototrophic alphaproteobacterium from a saltern. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 932-935.	0.8	16
108	Marichromatium fluminis sp. nov., a slightly alkaliphilic, phototrophic gammaproteobacterium isolated from river sediment. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 1103-1107.	0.8	16

#	Article	IF	Citations
109	Lysinibacillus xyleni sp. nov., isolated from a bottle of xylene. Archives of Microbiology, 2016, 198, 325-332.	1.0	16
110	Lysinibacillus acetophenoni sp. nov., a solvent-tolerant bacterium isolated from acetophenone. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 1741-1748.	0.8	16
111	Description of Alteribacillus alkaliphilus sp. nov., reassignment of Bacillus iranensis (Bagheri et al.) Tj ETQq1 1 0.784314 rgBT /Overloc International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 4772-4778.	0.8	16
112	Chryseobacterium salipaludis sp. nov., isolated at a wild ass sanctuary. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 542-546.	0.8	16
113	â€œParaffin wax-overlay of pour plateâ€, a method for the isolation and enumeration of purple non-sulfur bacteria. Journal of Microbiological Methods, 2004, 59, 423-425.	0.7	15
114	Rhodovulum visakhapatnamense sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 1762-1764.	0.8	15
115	Allochromatium phaeobacterium sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 750-753.	0.8	15
116	l-Tryptophan catabolism by Rubrivivax benzoatilyticus JA2 occurs through indole 3-pyruvic acid pathway. Biodegradation, 2010, 21, 825-832.	1.5	15
117	MLSA barcoding of Marichromatium spp. and reclassification of Marichromatium fluminis (Sucharita) Tj ETQq1 1 0.784314 rgBT /Ove 2012, 35, 221-225.	1.2	15
118	iTRAQ-based quantitative proteomics reveals insights into metabolic and molecular responses of glucose-grown cells of Rubrivivax benzoatilyticus JA2. Journal of Proteomics, 2019, 194, 49-59.	1.2	15
119	Chemical, Morphological, Structural, Optical, and Magnetic Properties of Transition Metal Titanium (Ti)-Doped LaFeO3 Nanoparticles. Journal of Superconductivity and Novel Magnetism, 2019, 32, 1791-1797.	0.8	15
120	Pelagirhabdus alkalitolerans gen. nov., sp. nov., an alkali-tolerant and thermotolerant bacterium isolated from beach sediment, and reclassification of Amphibacillus fermentum as Pelagirhabdus fermentum comb. nov.. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 84-90.	0.8	15
121	Mycobacterium oryzae sp. nov., a scotochromogenic, rapidly growing species is able to infect human macrophage cell line. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 4530-4536.	0.8	15
122	Rhodethrin: a novel indole terpenoid ether produced by Rhodobacter sphaeroides has cytotoxic and phytohormonal activities. Biotechnology Letters, 2007, 29, 1399-1402.	1.1	14
123	Rhodospirillum sulfurexigens sp. nov., a phototrophic alphaproteobacterium requiring a reduced sulfur source for growth. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 2917-2920.	0.8	14
124	Rhodovulum phaeolacus sp. nov. a phototrophic alphaproteobacterium isolated from a brown pond. Journal of General and Applied Microbiology, 2011, 57, 145-151.	0.4	14
125	Carotenoids in Rhodoplanes Species: Variation of Compositions and Substrate Specificity of Predicted Carotenogenesis Enzymes. Current Microbiology, 2012, 65, 150-155.	1.0	14
126	Sphingopyxis contaminans sp. nov., isolated from a contaminated Petri dish. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 2238-2243.	0.8	14

#	Article	IF	Citations
127	Bacillus oleivorans sp. nov., a diesel oil-degrading and solvent-tolerant bacterium. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 1310-1315.	0.8	14
128	Rhodestrin: A Novel Indole Terpenoid Phytohormone from Rhodobacter sphaeroides. Biotechnology Letters, 2005, 27, 1897-1900.	1.1	13
129	Production of a novel indole ester from 2-aminobenzoate by Rhodobacter sphaeroides OU5. Journal of Industrial Microbiology and Biotechnology, 2005, 32, 41-45.	1.4	13
130	Thiohalocapsa marina sp. nov., from an Indian marine aquaculture pond. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 2333-2338.	0.8	13
131	Rhodovulum lacipunicei sp. nov., an obligate sulfide-demanding phototrophic alphaproteobacterium isolated from a purple pond in India. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 1615-1619.	0.8	13
132	Rubrivivaxin, a new cytotoxic and cyclooxygenase-I inhibitory metabolite from Rubrivivax benzoatilyticus JA2. World Journal of Microbiology and Biotechnology, 2011, 27, 11-16.	1.7	13
133	Blastochloris gulmargensis sp. nov., isolated from an epilithic phototrophic biofilm. International Journal of Systematic and Evolutionary Microbiology, 2011, 61, 1811-1816.	0.8	13
134	Tryptophan, a non-canonical melanin precursor: New L-tryptophan based melanin production by Rubrivivax benzoatilyticus JA2. Scientific Reports, 2020, 10, 8925.	1.6	13
135	Bacillus endolithicus sp. nov., isolated from pebbles. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 4568-4573.	0.8	13
136	Characterisation of a newly isolated member of a candidatus lineage, Marispirochaeta aestuarii gen. nov., sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 3929-3936.	0.8	13
137	Thiorhodococcus modestalkaliphilus sp. nov. a phototrophic gammaproteobacterium from Chilika salt water lagoon, India. Journal of General and Applied Microbiology, 2010, 56, 93-99.	0.4	13
138	Photoproduction of indole 3-acetic acid by Rhodobacter sphaeroides from indole and glycine. Biotechnology Letters, 1999, 21, 543-545.	1.1	12
139	Genome Sequence of the Phototrophic Betaproteobacterium Rubrivivax benzoatilyticus Strain JA2 ^T. Journal of Bacteriology, 2011, 193, 2898-2899.	1.0	12
140	Stable Isotope-Assisted Metabolic Profiling Reveals Growth Mode Dependent Differential Metabolism and Multiple Catabolic Pathways of l-Phenylalanine in Rubrivivax benzoatilyticus JA2. Journal of Proteome Research, 2018, 17, 189-202.	1.8	12
141	Insights into the carbonic anhydrases and autotrophic carbon dioxide fixation pathways of high CO2 tolerant Rhodovulum viride JA756. Microbiological Research, 2018, 215, 130-140.	2.5	12
142	Barrientosiimonas endolithica sp. nov., isolated from pebbles, reclassification of the only species of the genus Tamlicoccus, Tamlicoccus marinus Lee 2013, as Barrientosiimonas marina comb. nov. and emended description of the genus Barrientosiimonas. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 3031-3036.	0.8	12
143	Description of Jeotgalibacillus alkaliphilus sp. nov., isolated from a solar salt pan, and Jeotgalibacillus terrae sp. nov., a name to replace â€˜Jeotgalibacillus soliâ€™ Chen et al. 2010. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 5167-5172.	0.8	12
144	Nesterenkonia cremea sp. nov., a bacterium isolated from a soda lake. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 1861-1866.	0.8	12

#	Article	IF	Citations
145	Rhodobacter sediminicola sp. nov., isolated from a fresh water pond. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 1294-1299.	0.8	12
146	Rhodospirillum oryzae sp. nov., a phototrophic bacterium isolated from rhizosphere soil of paddy. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 3050-3055.	0.8	11
147	Chryseomicrobium amylolyticum sp. nov., isolated from a semi-arid tropical soil, and emended descriptions of the genus Chryseomicrobium and Chryseomicrobium imtechense. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 2612-2617.	0.8	11
148	Paenibacillus arachidis sp. nov., isolated from groundnut seeds. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 2923-2928.	0.8	11
149	Rhodovulum algae sp. nov., isolated from an algal mat. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 3367-3371.	0.8	11
150	Paracoccus aeridis sp. nov., an indole-producing bacterium isolated from the rhizosphere of an orchid, Aerides maculosa. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 1720-1728.	0.8	11
151	Augmentation of H2 photoproduction in Rhodopseudomonas palustris by N-heterocyclic aromatic compounds. Biotechnology Letters, 2003, 25, 79-82.	1.1	10
152	Bacillus catenulatus sp. nov., an alkalitolerant bacterium isolated from a soda lake. Archives of Microbiology, 2017, 199, 1391-1397.	1.0	10
153	Thiorhodococcus fuscus sp. nov., isolated from a lagoon. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 3938-3943.	0.8	10
154	Photobiotransformation of indole to its value-added derivatives by Rhodobacter sphaeroides OU5. Journal of Industrial Microbiology and Biotechnology, 1998, 20, 177-179.	1.4	9
155	Bacillus crescens sp. nov., isolated from soil. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 2531-2536.	0.8	9
156	Caenispirillum deserti sp. nov., a spheroplast-forming bacterium isolated from a salt desert. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 3119-3124.	0.8	9
157	Pontibacillus salipaludis sp. nov., a slightly halophilic bacterium isolated from a salt pan. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 3884-3889.	0.8	9
158	Light-dependent transformation of anthranilate to indole by Rhodobacter sphaeroides OU5. Journal of Industrial Microbiology and Biotechnology, 2000, 24, 219-221.	1.4	8
159	Toxicity of N-Containing Heterocyclic Aromatic Compounds and Their Utilization for Growth by a Few Purple Non-Sulfur Bacteria. Bulletin of Environmental Contamination and Toxicology, 2000, 65, 375-382.	1.3	8
160	Thiophaeococcus fuscus sp. nov., isolated from a lagoon. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 2528-2533.	0.8	8
161	Salinicoccus amylolyticus sp. nov., isolated from a saltern. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 3814-3820.	0.8	8
162	Chryseobacterium candidae sp. nov., isolated from a yeast (Candida tropicalis). International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 93-99.	0.8	8

#	Article	IF	Citations
163	Rhodomicrobium lacus sp. nov., an alkalitolerent bacterium isolated from Umiam lake, Shillong, India. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 662-667.	0.8	8
164	Production of Phenols and Alkyl Gallate Esters by Rhodobacter sphaeroides OU5. Current Microbiology, 2010, 60, 107-111.	1.0	7
165	Genus Specific Unusual Carotenoids in Purple Bacteria, Phaeospirillum and Roseospira: Structures and Biosyntheses. Current Microbiology, 2011, 63, 75-80.	1.0	7
166	Isolation and Characterization of L-Tryptophan Ammonia Lyase from Rubrivivax benzoatilyticus Strain JA2. Current Protein and Peptide Science, 2015, 16, 775-781.	0.7	7
167	H2 production by mixed cultures. World Journal of Microbiology and Biotechnology, 1994, 10, 221-223.	1.7	6
168	Aniline Is an Inducer, and Not a Precursor, for Indole Derivatives in Rubrivivax benzoatilyticus JA2. PLoS ONE, 2014, 9, e87503.	1.1	6
169	Draft Genome Sequence of Antimicrobial-Producing Clostridium sp . JC272, Isolated from Marine Sediment. Genome Announcements, 2015, 3, .	0.8	6
170	Marinococcus salis sp., nov., a moderately halophilic bacterium isolated from a salt marsh. Archives of Microbiology, 2016, 198, 1013-1018.	1.0	6
171	Description of Lunatimonas salinarum sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 5223-5227.	0.8	6
172	Afifella aestuarii sp. nov., a phototrophic bacterium. International Journal of Systematic and Evolutionary Microbiology, 2020, 70, 327-333.	0.8	6
173	Toxicity of N-Containing Heterocyclic Aromatic Compounds and Their Utilization for Growth by a Few Purple Non-Sulfur Bacteria. Bulletin of Environmental Contamination and Toxicology, 2000, 65, 375-382.	1.3	5
174	Novel heliobacteria of a few semi-arid tropical soils. Indian Journal of Microbiology, 2010, 50, 17-20.	1.5	5
175	Reductive degradation of pyrazine-2-carboxylate by a newly isolated Stenotrophomonas sp. HCU1. Biodegradation, 2010, 21, 801-813.	1.5	5
176	Tersicoccus solisilvae sp., nov., a bacterium isolated from forest soil. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 5061-5065.	0.8	5
177	Growth and H2 production by Synechococcus spp. using organic/inorganic electron donors. World Journal of Microbiology and Biotechnology, 1994, 10, 531-533.	1.7	4
178	Purification and characterization of 3,4-dihydroxyphenylalanine oxidative deaminase fromRhodobacter sphaeroidesOU5. Canadian Journal of Microbiology, 2008, 54, 829-834.	0.8	4
179	Draft Genome Sequence of Spirochaeta sp. Strain JC202, an Endosymbiont of the Termite (Isoptera) Gut. Genome Announcements, 2015, 3, .	0.8	4
180	Description of a phototrophic bacterium, Thiorhodococcus alkaliphilus sp. nov.. International Journal of Systematic and Evolutionary Microbiology, 2017, 67, 2323-2327.	0.8	4

#	Article	IF	Citations
181	Carbon Catabolite Repression-Independent and pH-Dependent Production of Indoles by Rubrivivax benzoatilyticus JA2. Current Microbiology, 2013, 67, 399-405.	1.0	3
182	Precursor-feeding and altered-growth conditions reveal novel blue pigment production by Rubrivivax benzoatilyticus JA2. Biotechnology Letters, 2019, 41, 813-822.	1.1	3
183	Insights into discrepancy in power generation among glucose and malate grown Rubrivivax benzoatilyticus JA2 microbial fuel cells. International Journal of Hydrogen Energy, 2021, 46, 3090-3104.	3.8	2
184	Light-Dependent Assimilation of trans-Cinnamate by Rhodobacter sphaeroides OU5. Current Microbiology, 2007, 54, 410-413.	1.0	1
185	Selective enrichment of green sulfur bacteria in the presence of 4-aminobenzenesulfonate (sulfanilate). World Journal of Microbiology and Biotechnology, 2007, 23, 393-399.	1.7	1
186	Bacillus alcaliphilum sp. nov., a bacterium isolated from a soda lake. Archives of Microbiology, 2017, 199, 1303-1309.	1.0	1
187	Emerging Concepts in Bacterial Taxonomy. , 2019, , 3-22.		1
188	Phylogenetic diversity of sulfate-reducing bacteria of sediments of Chilika Lake, India, determined through analysis of the dissimilatory sulfite reductase (dsr AB) gene. 3 Biotech, 2019, 9, 134.	1.1	1
189	Isoptericola sediminis sp. nov., Isolated from Chilika Lagoon. Current Microbiology, 2021, 78, 848-855.	1.0	1
190	Mesobacillus aurantius sp. nov., isolated from an orange-colored pond near a solar saltern. Archives of Microbiology, 2021, 203, 1499-1507.	1.0	1
191	Neoroseomonas marina sp. nov., Isolated from a Beach Sand. Current Microbiology, 2022, 79, .	1.0	1