

Ch Sasikala

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8115844/ch-sasikala-publications-by-citations.pdf>

Version: 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

192
papers

3,050
citations

29
h-index

40
g-index

195
ext. papers

4,300
ext. citations

2.8
avg, IF

5.4
L-index

#	Paper	IF	Citations
192	Degradation of chlorinated nitroaromatic compounds. <i>Applied Microbiology and Biotechnology</i> , 2012 , 93, 2265-77	5.7	111
191	Environmental regulation for optimal biomass yield and photoproduction of hydrogen by <i>Rhodobacter sphaeroides</i> O.U. 001. <i>International Journal of Hydrogen Energy</i> , 1991 , 16, 597-601	6.7	79
190	Transition metal titanium (Ti) doped LaFeO ₃ nanoparticles for enhanced optical structural and magnetic properties. <i>Journal of Alloys and Compounds</i> , 2017 , 712, 870-877	5.7	68
189	<i>Erythrobacter odishensis</i> sp. nov. and <i>Pontibacter odishensis</i> sp. nov. isolated from dry soil of a solar saltern. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 4524-4532	2.2	64
188	5-Aminolevulinic Acid: A Potential Herbicide/Insecticide from Microorganisms. <i>Biotechnology Progress</i> , 1994 , 10, 451-459	2.8	61
187	<i>Arcobacter anaerophilus</i> sp. nov., isolated from an estuarine sediment and emended description of the genus <i>Arcobacter</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 4619-4625	2.2	54
186	<i>Flavobacterium aquaticum</i> sp. nov., isolated from a water sample of a rice field. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 3463-3469	2.2	52
185	Biotechnological potentials of anoxygenic phototrophic bacteria. I. Production of single-cell protein, vitamins, ubiquinones, hormones, and enzymes and use in waste treatment. <i>Advances in Applied Microbiology</i> , 1995 , 41, 173-226	4.9	50
184	Biodegradation and metabolism of unusual carbon compounds by anoxygenic phototrophic bacteria. <i>Advances in Microbial Physiology</i> , 1998 , 39, 339-77	4.4	49
183	Regulation of simultaneous hydrogen photoproduction during growth by pH and glutamate in <i>Rhodobacter sphaeroides</i> O.U. 001. <i>International Journal of Hydrogen Energy</i> , 1995 , 20, 123-126	6.7	49
182	Photoproduction of hydrogen from the waste water of a distillery by <i>Rhodobacter sphaeroides</i> O.U. 001. <i>International Journal of Hydrogen Energy</i> , 1992 , 17, 23-27	6.7	49
181	gen. nov., sp. nov., isolated from marine sediment and reclassification of as comb. nov. Proposal of a new genus gen. nov. to accommodate and. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 1268-1274	2.2	47
180	<i>Falsirhodobacter halotolerans</i> gen. nov., sp. nov., isolated from dry soils of a solar saltern. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 2132-2137	2.2	42
179	Microbial metabolism of pyrazines. <i>Critical Reviews in Microbiology</i> , 2011 , 37, 99-112	7.8	41
178	Production of indole-3-acetic acid and related indole derivatives from L-tryptophan by <i>Rubrivivax benzoatilyticus</i> JA2. <i>Applied Microbiology and Biotechnology</i> , 2011 , 89, 1001-8	5.7	40
177	<i>Roseomonas aestuarii</i> sp. nov., a bacteriochlorophyll-a containing alphaproteobacterium isolated from an estuarine habitat of India. <i>Systematic and Applied Microbiology</i> , 2010 , 33, 198-203	4.2	38
176	<i>Phaeospirillum oryzae</i> sp. nov., a spheroplast-forming, phototrophic alphaproteobacterium from a paddy soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011 , 61, 1656-1661	2.2	37

175	Rubrivivax benzoatilyticus sp. nov., an aromatic, hydrocarbon-degrading purple betaproteobacterium. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006 , 56, 2157-2164	2.2	37
174	Rhodoplanes pokkaliisoli sp. nov., a phototrophic alphaproteobacterium isolated from a waterlogged brackish paddy soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009 , 59, 2153-7	2.2	35
173	Rhodovulum imhoffii sp. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 228-232	2.2	35
172	Rhodobacter vinaykumarii sp. nov., a marine phototrophic alphaproteobacterium from tidal waters, and emended description of the genus Rhodobacter. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 1984-1987	2.2	35
171	Rhodobacter viridis sp. nov., a phototrophic bacterium isolated from mud of a stream. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 181-186	2.2	34
170	Rhizobium subbaraonis sp. nov., an endolithic bacterium isolated from beach sand. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 581-585	2.2	34
169	Rhodobacter johrii sp. nov., an endospore-producing cryptic species isolated from semi-arid tropical soils. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010 , 60, 2099-2107	2.2	34
168	Phaeovibrio sulfidiphilus gen. nov., sp. nov., phototrophic alphaproteobacteria isolated from brackish water. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011 , 61, 828-833	2.2	34
167	Descriptions of Rhodopseudomonas parapalustris sp. nov., Rhodopseudomonas harwoodiae sp. nov. and Rhodopseudomonas pseudopalustris sp. nov., and emended description of Rhodopseudomonas palustris. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012 , 62, 1790-1798	2.2	31
166	Biotechnological potentials of anoxygenic phototrophic bacteria. II. Biopolyesters, biopesticide, biofuel, and biofertilizer. <i>Advances in Applied Microbiology</i> , 1995 , 41, 227-78	4.9	31
165	Spirochaeta sphaeroplastigenens sp. nov., a halo-alkaliphilic, obligately anaerobic spirochaete isolated from soda lake Lonar. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 2223-2228	2.2	30
164	Description of Ectothiorhodospira salini sp. nov. <i>Journal of General and Applied Microbiology</i> , 2010 , 56, 313-9	1.5	30
163	Rhodoplanes piscinae sp. nov. isolated from pond water. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012 , 62, 2828-2834	2.2	29
162	Effect of gas phase on the photoproduction of hydrogen and substrate conversion efficiency in the photosynthetic bacterium Rhodobacter sphaeroides O.U. 001. <i>International Journal of Hydrogen Energy</i> , 1990 , 15, 795-797	6.7	29
161	Marichromatium indicum sp. nov., a novel purple sulfur gammaproteobacterium from mangrove soil of Goa, India. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005 , 55, 673-679	2.2	28
160	Rhodobacter changlensis sp. nov., a psychrotolerant, phototrophic alphaproteobacterium from the Himalayas of India. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 2568-2571	2.2	26
159	Ciceribacter lividus gen. nov., sp. nov., isolated from rhizosphere soil of chick pea (Cicer arietinum L.). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 4484-4488	2.2	25
158	Molecular and culture dependent characterization of endolithic bacteria in two beach sand samples and description of Rhizobium endolithicum sp. nov. <i>Antonie Van Leeuwenhoek</i> , 2013 , 104, 1235-44	2.1	24

157	Spirochaeta lutea sp. nov., isolated from marine habitats and emended description of the genus Spirochaeta. <i>Systematic and Applied Microbiology</i> , 2015 , 38, 110-4	4.2	24
156	Catabolism of L-phenylalanine and L-tyrosine by Rhodobacter sphaeroides OU5 occurs through 3,4-dihydroxyphenylalanine. <i>Research in Microbiology</i> , 2007 , 158, 506-11	4	24
155	Marichromatium bheemicum sp. nov., a non-diazotrophic, photosynthetic gammaproteobacterium from a marine aquaculture pond. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 1261-1265	2.2	23
154	Integrated metabolomic and proteomic analysis reveals systemic responses of Rubrivivax benzoatilyticus JA2 to aniline stress. <i>Journal of Proteome Research</i> , 2015 , 14, 711-27	5.6	22
153	Georgenia satyanarayananai sp. nov., an alkaliphilic and thermotolerant amylase-producing actinobacterium isolated from a soda lake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012 , 62, 2405-2409	2.2	22
152	Rhodobacter maris sp. nov., a phototrophic alphaproteobacterium isolated from a marine habitat of India. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008 , 58, 1719-22	2.2	22
151	Rhodovulum marinum sp. nov., a novel phototrophic purple non-sulfur alphaproteobacterium from marine tides of Visakhapatnam, India. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006 , 56, 1651-1656	2.2	22
150	New insights into aniline toxicity: Aniline exposure triggers envelope stress and extracellular polymeric substance formation in Rubrivivax benzoatilyticus JA2. <i>Journal of Hazardous Materials</i> , 2020 , 385, 121571	12.8	22
149	Alcanivorax xenomutans sp. nov., a hydrocarbonoclastic bacterium isolated from a shrimp cultivation pond. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 3553-3558	2.2	21
148	Albidoferax, a new genus of Comamonadaceae and reclassification of Rhodoferax ferrireducens (Finneran et al., 2003) as Albidoferax ferrireducens comb. nov. <i>Journal of General and Applied Microbiology</i> , 2009 , 55, 301-4	1.5	21
147	Taxogenomics Resolves Conflict in the Genus : A Two and Half Decades Pending Thought to Reclassify the Genus. <i>Frontiers in Microbiology</i> , 2019 , 10, 2480	5.7	21
146	Rhodoplanes oryzae sp. nov., a phototrophic alphaproteobacterium isolated from the rhizosphere soil of paddy. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 2198-2203	2.2	20
145	Biodegradable polyesters. <i>Advances in Applied Microbiology</i> , 1996 , 42, 97-218	4.9	20
144	Effect of pesticides on the diazotrophic growth and nitrogenase activity of purple nonsulfur bacteria. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1997 , 58, 463-8	2.7	19
143	Roseospira visakhapatnamensis sp. nov. and Roseospira goensis sp. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 2453-2457	2.2	19
142	Performance of Microbial Concrete Developed Using Bacillus Subtilis JC3. <i>Journal of the Institution of Engineers (India): Series A</i> , 2017 , 98, 501-510	1	18
141	L-Phenylalanine catabolism and L-phenyllactic acid production by a phototrophic bacterium, Rubrivivax benzoatilyticus JA2. <i>Microbiological Research</i> , 2012 , 167, 526-31	5.3	18
140	Aniline-induced tryptophan production and identification of indole derivatives from three purple bacteria. <i>Current Microbiology</i> , 2010 , 61, 285-90	2.4	18

139	Rhodobacter ovatus sp. nov., a phototrophic alphaproteobacterium isolated from a polluted pond. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008 , 58, 1379-83	2.2	18
138	Description of <i>Candidatus Marispirochaeta associata</i> and reclassification of <i>Spirochaeta bajacaliforniensis</i> , <i>Spirochaeta smaragdinae</i> and <i>Spirochaeta sinaica</i> to a new genus <i>Sediminispirochaeta</i> gen. nov. as <i>Sediminispirochaeta bajacaliforniensis</i> comb. nov., <i>Sediminispirochaeta smaragdinae</i> comb. nov. and <i>Sediminispirochaeta sinaica</i> comb. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 5485-5492	2.2	18
137	Hopanoid inventory of <i>Rhodoplanes</i> spp. <i>Archives of Microbiology</i> , 2015 , 197, 861-7	3	17
136	<i>Salinicoccus halitifaciens</i> sp. nov., a novel bacterium participating in halite formation. <i>Antonie Van Leeuwenhoek</i> , 2013 , 103, 885-98	2.1	17
135	<i>Prosthecochloris indica</i> sp. nov., a novel green sulfur bacterium from a marine aquaculture pond, Kakinada, India. <i>Journal of General and Applied Microbiology</i> , 2009 , 55, 163-9	1.5	17
134	<i>Rhodobacter aestuarii</i> sp. nov., a phototrophic alphaproteobacterium isolated from an estuarine environment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009 , 59, 1133-6	2.2	17
133	<i>Desulfovibrio psychrotolerans</i> sp. nov., a psychrotolerant and moderately alkaliphilic sulfate-reducing deltaproteobacterium from the Himalayas. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008 , 58, 821-5	2.2	17
132	<i>Pontibacter ruber</i> sp. nov. and <i>Pontibacter deserti</i> sp. nov., isolated from the desert. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 1006-1011	2.2	16
131	<i>Rhodopseudomonas pentothentaxigens</i> sp. nov. and <i>Rhodopseudomonas thermotolerans</i> sp. nov., isolated from paddy soils. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 200-207	2.2	16
130	<i>Rhodomicrobium udaipurensis</i> sp. nov., a psychrotolerant, phototrophic alphaproteobacterium isolated from a freshwater stream. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 2684-2689	2.2	16
129	<i>Bacillus luteus</i> sp. nov., isolated from soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 1580-1586	2.2	16
128	<i>Roseomonas oryzae</i> sp. nov., isolated from paddy rhizosphere soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 3535-3540	2.2	16
127	<i>Zooshikella marina</i> sp. nov. a cycloprodigiosin- and prodigiosin-producing marine bacterium isolated from beach sand. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 4669-4673	2.2	16
126	<i>Alkalispicrochaeta cellulovorans</i> gen. nov., sp. nov., a cellulose-hydrolysing, alkaliphilic, halotolerant bacterium isolated from the gut of a wood-eating cockroach (<i>Cryptocercus punctulatus</i>), and reclassification of four species of <i>Spirochaeta</i> as new combinations within <i>Alkalispicrochaeta</i> gen. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 5485-5492	2.2	16
125	Neurosporene is the major carotenoid accumulated by <i>Rhodobacter viridis</i> JA737. <i>Biotechnology Letters</i> , 2013 , 35, 1093-7	3	15
124	Emended description of the genus <i>Rhodothalassium</i> Imhoff et al., 1998 and proposal of <i>Rhodothalassiaceae</i> fam. nov. and <i>Rhodothalassiales</i> ord. nov. <i>Systematic and Applied Microbiology</i> , 2013 , 36, 28-32	4.2	15
123	<i>Halodesulfovibrio spirochaetisodalis</i> gen. nov. sp. nov. and reclassification of four <i>Desulfovibrio</i> spp. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 87-93	2.2	15
122	<i>Salinimicrobium sediminis</i> sp. nov., isolated from a deep-sea sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 984-988	2.2	14

121	Draft genome sequence of Rhodomicrobium udaipurensis JA643T with special reference to hopanoid biosynthesis. <i>DNA Research</i> , 2014 , 21, 639-47	4.5	14
120	Shewanella chilikensis sp. nov., a moderately alkaliphilic gammaproteobacterium isolated from a lagoon. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009 , 59, 3111-5	2.2	14
119	L-Tryptophan catabolism by Rubrivivax benzoatilyticus JA2 occurs through indole 3-pyruvic acid pathway. <i>Biodegradation</i> , 2010 , 21, 825-32	4.1	14
118	Rhodovulum kholense sp. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008 , 58, 1723-6	2.2	14
117	Halochromatium roseum sp. nov., a non-motile phototrophic gammaproteobacterium with gas vesicles, and emended description of the genus Halochromatium. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 2110-2113	2.2	14
116	Flectobacillus rhizosphaerae sp. nov., isolated from the rhizosphere soil of Oryza sativa (L.), and emended description of the genus Flectobacillus. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 3451-3456	2.2	14
115	Desertibacillus haloalkaliphilus gen. nov., sp. nov., isolated from a saline desert. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 4435-4442	2.2	14
114	Bacillus lonarensis sp. nov., an alkalitolerant bacterium isolated from a soda lake. <i>Archives of Microbiology</i> , 2015 , 197, 27-34	3	13
113	Biological hydrogen production: molecular and electrolytic perspectives. <i>World Journal of Microbiology and Biotechnology</i> , 2019 , 35, 116	4.4	13
112	Rhodovulum salis sp. nov. and Rhodovulum viride sp. nov., phototrophic Alphaproteobacteria isolated from marine habitats. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 957-962	2.2	13
111	Vogesella alkaliphila sp. nov., isolated from an alkaline soil, and emended description of the genus Vogesella. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 2338-2343	2.2	13
110	Phaeospirillum chandramohanii sp. nov., a phototrophic alphaproteobacterium with carotenoid glycosides. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009 , 59, 2089-93	2.2	13
109	Rhodobacter megalophilus sp. nov., a phototroph from the Indian Himalayas possessing a wide temperature range for growth. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008 , 58, 1792-6	2.2	13
108	"Paraffin wax-overlay of pour plate", a method for the isolation and enumeration of purple non-sulfur bacteria. <i>Journal of Microbiological Methods</i> , 2004 , 59, 423-5	2.8	13
107	Shewanella fodinae sp. nov., isolated from a coal mine and from a marine lagoon. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010 , 60, 1649-1654	2.2	13
106	Allochromatium renucae sp. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008 , 58, 404-7	2.2	13
105	Phaeospirillum tilakii sp. nov., a phototrophic alphaproteobacterium isolated from aquatic sediments. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012 , 62, 1069-1074	2.2	12
104	Rubrivivaxin, a new cytotoxic and cyclooxygenase-I inhibitory metabolite from Rubrivivax benzoatilyticus JA2. <i>World Journal of Microbiology and Biotechnology</i> , 2011 , 27, 11-16	4.4	12

103	Rhodethrin: a novel indole terpenoid ether produced by <i>Rhodobacter sphaeroides</i> has cytotoxic and phytohormonal activities. <i>Biotechnology Letters</i> , 2007 , 29, 1399-402	3	12
102	Light-dependent transformation of aniline to indole esters by the purple bacterium <i>Rhodobacter sphaeroides</i> OU5. <i>Current Microbiology</i> , 2006 , 52, 413-7	2.4	12
101	<i>Rhodobium gokarnense</i> sp. nov., a novel phototrophic alphaproteobacterium from a saltern. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 932-935	2.2	12
100	Production of a novel indole ester from 2-aminobenzoate by <i>Rhodobacter sphaeroides</i> OU5. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2005 , 32, 41-5	4.2	12
99	Photoproduction of indole 3-acetic acid by <i>Rhodobacter sphaeroides</i> from indole and glycine. <i>Biotechnology Letters</i> , 1999 , 21, 543-545	3	12
98	<i>Salibacterium halotolerans</i> gen. nov., sp. nov., a bacterium isolated from a salt pan, reclassification of <i>Bacillus qingdaonensis</i> as <i>Salibacterium qingdaonense</i> comb. nov. and <i>Bacillus halochares</i> as <i>Salibacterium halochares</i> comb. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 1270-1275	2.2	12
97	<i>Rhodovulum aestuarii</i> sp. nov., isolated from a brackish water body. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 165-171	2.2	12
96	Description of <i>Rhodobacter azollae</i> sp. nov. and <i>Rhodobacter lacus</i> sp. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 3289-3295	2.2	12
95	iTRAQ-based quantitative proteomics reveals insights into metabolic and molecular responses of glucose-grown cells of <i>Rubrivivax benzoatilyticus</i> JA2. <i>Journal of Proteomics</i> , 2019 , 194, 49-59	3.9	12
94	Reclassification of <i>Gemmobacter changlensis</i> to a new genus as <i>Cereibacter changlensis</i> gen. nov., comb. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 794-798	2.2	11
93	<i>Thiophageococcus mangrovi</i> gen. nov., sp. nov., a photosynthetic, marine gammaproteobacterium isolated from the Bhitarkanika mangrove forest of India. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008 , 58, 2660-4	2.2	11
92	<i>Lysinibacillus acetophenoni</i> sp. nov., a solvent-tolerant bacterium isolated from acetophenone. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 1741-1748	2.2	11
91	<i>Ornithinimicrobium algicola</i> sp. nov., a marine actinobacterium isolated from the green alga of the genus <i>Ulva</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 4627-4631	2.2	11
90	Chemical, Morphological, Structural, Optical, and Magnetic Properties of Transition Metal Titanium (Ti)-Doped LaFeO ₃ Nanoparticles. <i>Journal of Superconductivity and Novel Magnetism</i> , 2019 , 32, 1791-1797	4.5	11
89	<i>Cellulosimicrobium aquatile</i> sp. nov., isolated from Panagal reservoir, Nalgonda, India. <i>Antonie Van Leeuwenhoek</i> , 2015 , 108, 1357-1364	2.1	10
88	<i>Planctopirus hydrillae</i> sp. nov., an antibiotic producing Planctomycete isolated from the aquatic plant <i>Hydrilla</i> and its whole genome shotgun sequence analysis. <i>Journal of Antibiotics</i> , 2018 , 71, 575-583	3.7	10
87	Stable Isotope-Assisted Metabolic Profiling Reveals Growth Mode Dependent Differential Metabolism and Multiple Catabolic Pathways of L-Phenylalanine in <i>Rubrivivax benzoatilyticus</i> JA2. <i>Journal of Proteome Research</i> , 2018 , 17, 189-202	5.6	10
86	<i>Cohaesibacter haloalkalitolerans</i> sp. nov., isolated from a soda lake, and emended description of the genus <i>Cohaesibacter</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 4271-4276	2.2	10

85	Spingopyxis contaminans sp. nov., isolated from a contaminated Petri dish. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 2238-2243	2.2	10
84	Hymenobacter roseus sp. nov., isolated from sand. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 4129-4133	2.2	10
83	Carotenoids in Rhodoplanes species: variation of compositions and substrate specificity of predicted carotenogenesis enzymes. <i>Current Microbiology</i> , 2012 , 65, 150-5	2.4	10
82	Marichromatium fluminis sp. nov., a slightly alkaliphilic, phototrophic gammaproteobacterium isolated from river sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010 , 60, 1103-1107	2.2	10
81	Rhodovulum visakhapatnamense sp. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 1762-1764	2.2	10
80	Rhodococcus electrodiphilus sp. nov., a marine electro active actinobacterium isolated from coral reef. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 2644-2649	2.2	10
79	Lysinibacillus xyleni sp. nov., isolated from a bottle of xylene. <i>Archives of Microbiology</i> , 2016 , 198, 325-323		9
78	Bacillus oleivorans sp. nov., a diesel oil-degrading and solvent-tolerant bacterium. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 1310-1315	2.2	9
77	Rhodovulum bhavnagarensis sp. nov., a phototrophic alphaproteobacterium isolated from a pink pond. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012 , 62, 2528-2532	2.2	9
76	Allochromatium phaeobacterium sp. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009 , 59, 750-3	2.2	9
75	Genome sequence of the phototrophic betaproteobacterium Rubrivivax benzoatilyticus strain JA2T. <i>Journal of Bacteriology</i> , 2011 , 193, 2898-9	3.5	9
74	Blastochloris gulmargensis sp. nov., isolated from an epilithic phototrophic biofilm. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011 , 61, 1811-1816	2.2	9
73	Rhodovulum lacipunicea sp. nov., an obligate sulfide-demanding phototrophic alphaproteobacterium isolated from a purple pond in India. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009 , 59, 1615-9	2.2	9
72	Two novel species of marine phototrophic Gammaproteobacteria: Thiorhodococcus bheemicus sp. nov. and Thiorhodococcus kakinadensis sp. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 2458-2461	2.2	9
71	Rhodesstrin: a novel indole terpenoid phytohormone from Rhodobacter sphaeroides. <i>Biotechnology Letters</i> , 2005 , 27, 1897-900	3	9
70	Thiorhodococcus modestalkaliphilus sp. nov. a phototrophic gammaproteobacterium from Chilika salt water lagoon, India. <i>Journal of General and Applied Microbiology</i> , 2010 , 56, 93-9	1.5	9
69	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 Mongollicoccus alkaliphilus sp. nov. and Litoribacter alkaliphilus sp. nov., isolated from salt pans. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 3457-3462	2.2	8
68		2.2	8

67	Rhodovulum phaeolacus sp. nov. a phototrophic alphaproteobacterium isolated from a brown pond. <i>Journal of General and Applied Microbiology</i> , 2011 , 57, 145-51	1.5	8
66	Marichromatium litoris sp. nov. and Marichromatium chrysaorae sp. nov. isolated from beach sand and from a jelly fish (<i>Chrysaora colorata</i>). <i>Systematic and Applied Microbiology</i> , 2011 , 34, 600-5	4.2	8
65	Thiohalocapsa marina sp. nov., from an Indian marine aquaculture pond. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009 , 59, 2333-8	2.2	8
64	Rhodospirillum sulfurexigens sp. nov., a phototrophic alphaproteobacterium requiring a reduced sulfur source for growth. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008 , 58, 2917-20	2.2	8
63	Augmentation of H ₂ photoproduction in Rhodopseudomonas palustris by N-heterocyclic aromatic compounds. <i>Biotechnology Letters</i> , 2003 , 25, 79-82	3	8
62	Light-dependent transformation of anthranilate to indole by Rhodobacter sphaeroides OU5. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2000 , 24, 219-221	4.2	8
61	Toxicity of N-Containing Heterocyclic Aromatic Compounds and Their Utilization for Growth by a Few Purple Non-Sulfur Bacteria. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2000 , 65, 375-382	3.7	8
60	Chryseobacterium salipaludis sp. nov., isolated at a wild ass sanctuary. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 542-546	2.2	8
59	MLSA barcoding of Marichromatium spp. and reclassification of Marichromatium fluminis (Sucharita et al., 2010) as Phaeochromatium fluminis gen. nov. comb. nov. <i>Systematic and Applied Microbiology</i> , 2012 , 35, 221-5	4.2	7
58	Production of phenols and alkyl gallate esters by Rhodobacter sphaeroides OU5. <i>Current Microbiology</i> , 2010 , 60, 107-11	2.4	7
57	Hoeflea olei sp. nov., a diesel-oil-degrading, anoxygenic, phototrophic bacterium isolated from backwaters and emended description of the genus Hoeflea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 2403-2409	2.2	7
56	Spirochaeta odontotermis sp. nov., an obligately anaerobic, cellulolytic, halotolerant, alkaliphilic spirochaete isolated from the termite <i>Odontotermes obesus</i> (Rambur) gut. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 4589-4594	2.2	7
55	Mycobacterium oryzae sp. nov., a scotochromogenic, rapidly growing species is able to infect human macrophage cell line. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 4530-4536	2.2	7
54	Rhodobacter alkalitolerans sp. nov., isolated from an alkaline brown pond. <i>Archives of Microbiology</i> , 2018 , 200, 1487-1492	3	7
53	Insights into the carbonic anhydrases and autotrophic carbon dioxide fixation pathways of high CO ₂ tolerant Rhodovulum viride JA756. <i>Microbiological Research</i> , 2018 , 215, 130-140	5.3	6
52	Rhodospirillum oryzae sp. nov., a phototrophic bacterium isolated from rhizosphere soil of paddy. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 3050-3055	2.2	6
51	Aniline is an inducer, and not a precursor, for indole derivatives in <i>Rubrivivax benzoatilyticus</i> JA2. <i>PLoS ONE</i> , 2014 , 9, e87503	3.7	6
50	Genus specific unusual carotenoids in purple bacteria, Phaeospirillum and Roseospira: structures and biosyntheses. <i>Current Microbiology</i> , 2011 , 63, 75-80	2.4	6

49	Photobiotransformation of indole to its value-added derivatives by <i>Rhodobacter sphaeroides</i> OU5. <i>Journal of Industrial Microbiology and Biotechnology</i> , 1998 , 20, 177-179	4.2	6
48	Isolation and Characterization of L-Tryptophan Ammonia Lyase from <i>Rubrivivax benzoatilyticus</i> Strain JA2. <i>Current Protein and Peptide Science</i> , 2015 , 16, 775-81	2.8	6
47	<i>Thiorhodococcus fuscus</i> sp. nov., isolated from a lagoon. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 3938-3943	2.2	6
46	<i>Rhodovulum algae</i> sp. nov., isolated from an algal mat. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 3367-3371	2.2	6
45	<i>Bacillus crescens</i> sp. nov., isolated from soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 2531-2536	2.2	5
44	<i>Bacillus catenulatus</i> sp. nov., an alkalitolerant bacterium isolated from a soda lake. <i>Archives of Microbiology</i> , 2017 , 199, 1391-1397	3	5
43	Draft Genome Sequence of Antimicrobial-Producing <i>Clostridium</i> sp. JC272, Isolated from Marine Sediment. <i>Genome Announcements</i> , 2015 , 3,		5
42	Reductive degradation of pyrazine-2-carboxylate by a newly isolated <i>Stenotrophomonas</i> sp. HCU1. <i>Biodegradation</i> , 2010 , 21, 801-13	4.1	5
41	H ₂ production by mixed cultures. <i>World Journal of Microbiology and Biotechnology</i> , 1994 , 10, 221-3	4.4	5
40	<i>Bacillus endolithicus</i> sp. nov., isolated from pebbles. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 4568-4573	2.2	5
39	Description of <i>Alteribacillus alkaliphilus</i> sp. nov., reassignment of <i>Bacillus iranensis</i> (Bagheri et al. 2012) as <i>Alteribacillus iranensis</i> comb. nov. and emended description of the genus <i>Alteribacillus</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 4772-4778	2.2	5
38	<i>Nesterenkonia cremea</i> sp. nov., a bacterium isolated from a soda lake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 1861-1866	2.2	5
37	Characterisation of a newly isolated member of a candidatus lineage, <i>Marispirochaeta aestuarii</i> gen. nov., sp. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 3929-3936	2.2	5
36	Draft Genome Sequence of <i>Spirochaeta</i> sp. Strain JC202, an Endosymbiont of the Termite (Isoptera) Gut. <i>Genome Announcements</i> , 2015 , 3,		4
35	<i>Chryseomicrobium amylolyticum</i> sp. nov., isolated from a semi-arid tropical soil, and emended descriptions of the genus <i>Chryseomicrobium</i> and <i>Chryseomicrobium imtechense</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 2612-2617	2.2	4
34	Novel heliobacteria of a few semi-arid tropical soils. <i>Indian Journal of Microbiology</i> , 2010 , 50, 17-20	3.7	4
33	Purification and characterization of 3,4-dihydroxyphenylalanine oxidative deaminase from <i>Rhodobacter sphaeroides</i> OU5. <i>Canadian Journal of Microbiology</i> , 2008 , 54, 829-34	3.2	4
32	Toxicity of N-containing heterocyclic aromatic compounds and their utilization for growth by a few purple non-sulfur bacteria. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2000 , 65, 375-82	2.7	4

31	Growth and H ₂ production by <i>Synechococcus</i> spp. using organic/inorganic electron donors. <i>World Journal of Microbiology and Biotechnology</i> , 1994 , 10, 531-3	4.4	4
30	<i>Pelagirhabdus alkalitolerans</i> gen. nov., sp. nov., an alkali-tolerant and thermotolerant bacterium isolated from beach sediment, and reclassification of <i>Amphibacillus fermentum</i> as <i>Pelagirhabdus fermentum</i> comb. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 84-90	2.2	4
29	<i>Salinicoccus amylolyticus</i> sp. nov., isolated from a saltern. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 3814-3820	2.2	4
28	Tryptophan, a non-canonical melanin precursor: New L-tryptophan based melanin production by <i>Rubrivivax benzoatilyticus</i> JA2. <i>Scientific Reports</i> , 2020 , 10, 8925	4.9	3
27	<i>Thiophageococcus fuscus</i> sp. nov., isolated from a lagoon. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 2528-2533	2.2	3
26	sp. nov., an indole-producing bacterium isolated from the rhizosphere of an orchid,. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 1720-1728	2.2	3
25	<i>Pontibacillus salipaludis</i> sp. nov., a slightly halophilic bacterium isolated from a salt pan. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 3884-3889	2.2	3
24	Description of <i>Jeotgalibacillus alkaliphilus</i> sp. nov., isolated from a solar salt pan, and <i>Jeotgalibacillus terrae</i> sp. nov., a name to replace <i>Jeotgalibacillus solis</i> Chen et al. 2010. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 5167-5172	2.2	3
23	sp. nov., isolated from a yeast (). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 93-99	2.2	3
22	Precursor-feeding and altered-growth conditions reveal novel blue pigment production by <i>Rubrivivax benzoatilyticus</i> JA2. <i>Biotechnology Letters</i> , 2019 , 41, 813-822	3	2
21	<i>Marinococcus salis</i> sp., nov., a moderately halophilic bacterium isolated from a salt marsh. <i>Archives of Microbiology</i> , 2016 , 198, 1013-1018	3	2
20	Carbon catabolite repression-independent and pH-dependent production of indoles by <i>Rubrivivax benzoatilyticus</i> JA2. <i>Current Microbiology</i> , 2013 , 67, 399-405	2.4	2
19	sp. nov., isolated from a fresh water pond. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 1294-1299	2.2	2
18	<i>Barrientosiimonas endolithica</i> sp. nov., isolated from pebbles, reclassification of the only species of the genus <i>Tamlicoccus</i> , <i>Tamlicoccus marinus</i> Lee 2013, as <i>Barrientosiimonas marina</i> comb. nov. and emended description of the genus <i>Barrientosiimonas</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 3031-3036	2.2	2
17	<i>Caenispirillum deserti</i> sp. nov., a spheroplast-forming bacterium isolated from a salt desert. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 3119-3124	2.2	2
16	<i>Paenibacillus arachidis</i> sp. nov., isolated from groundnut seeds. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 2923-2928	2.2	2
15	sp. nov., an alkalitolerant bacterium isolated from Umiam lake, Shillong, India. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 662-667	2.2	2
14	Insights into discrepancy in power generation among glucose and malate grown <i>Rubrivivax benzoatilyticus</i> JA2 microbial fuel cells. <i>International Journal of Hydrogen Energy</i> , 2021 , 46, 3090-3104	6.7	2

13	<i>Bacillus alcaliphilum</i> sp. nov., a bacterium isolated from a soda lake. <i>Archives of Microbiology</i> , 2017 , 199, 1303-1309	3	1
12	Light-dependent assimilation of trans-cinnamate by <i>Rhodobacter sphaeroides</i> OU5. <i>Current Microbiology</i> , 2007 , 54, 410-3	2.4	1
11	Selective enrichment of green sulfur bacteria in the presence of 4-aminobenzenesulfonate (sulfanilate). <i>World Journal of Microbiology and Biotechnology</i> , 2007 , 23, 393-399	4.4	1
10	sp. nov., a phototrophic bacterium. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 327-333	2.2	1
9	<i>Isoptericola sediminis</i> sp. nov., Isolated from Chilika Lagoon. <i>Current Microbiology</i> , 2021 , 78, 848-855	2.4	1
8	Phylogenetic diversity of sulfate-reducing bacteria of sediments of Chilika Lake, India, determined through analysis of the dissimilatory sulfite reductase () gene. <i>3 Biotech</i> , 2019 , 9, 134	2.8	0
7	<i>Tersiccoccus solisilvae</i> sp., nov., a bacterium isolated from forest soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 5061-5065	2.2	0
6	Description of <i>Lunatimonas salinarum</i> sp. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 5223-5227	2.2	0
5	Description of a phototrophic bacterium, <i>Thiorhodococcus alkaliphilus</i> sp. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 2323-2327	2.2	0
4	<i>Paraclostridium</i> 2020 , 1-12		0
3	Emerging Concepts in Bacterial Taxonomy 2019 , 3-22		
2	<i>Marispirochaeta</i> 1-12		
1	<i>Mesobacillus aurantius</i> sp. nov., isolated from an orange-colored pond near a solar saltern. <i>Archives of Microbiology</i> , 2021 , 203, 1499-1507	3	