

Heng-Lin Cui

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101
papers

1,300
citations

17
h-index

31
g-index

112
ext. papers

1,962
ext. citations

2.6
avg, IF

4.74
L-index

#	Paper	IF	Citations
101	Intraspecific polymorphism of 16S rRNA genes in two halophilic archaeal genera, Haloarcula and Halomicrobium. <i>Extremophiles</i> , 2009 , 13, 31-7	3	122
100	Halorussus rarus gen. nov., sp. nov., a new member of the family Halobacteriaceae isolated from a marine solar saltern. <i>Extremophiles</i> , 2010 , 14, 493-9	3	79
99	Halorubrum litoreum sp. nov., an extremely halophilic archaeon from a solar saltern. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 2204-2206	2.2	78
98	Pelagibacterium halotolerans gen. nov., sp. nov. and Pelagibacterium luteolum sp. nov., novel members of the family Hyphomicrobiaceae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011 , 61, 1817-1822	2.2	59
97	Salinarchaeum laminariae gen. nov., sp. nov.: a new member of the family Halobacteriaceae isolated from salted brown alga Laminaria. <i>Extremophiles</i> , 2011 , 15, 625-31	3	49
96	Cryobacterium psychrotolerans sp. nov., a novel psychrotolerant bacterium isolated from the China No. 1 glacier. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 866-869	2.2	43
95	Halogramum rubrum gen. nov., sp. nov., a halophilic archaeon isolated from a marine solar saltern. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010 , 60, 1366-1371	2.2	40
94	Halohasta litorea gen. nov. sp. nov., and Halohasta litchfieldiae sp. nov., isolated from the Daliang aquaculture farm, China and from Deep Lake, Antarctica, respectively. <i>Extremophiles</i> , 2012 , 16, 895-901	3	39
93	Halolamina pelagica gen. nov., sp. nov., a new member of the family Halobacteriaceae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011 , 61, 1617-1621	2.2	39
92	Gracilibacillus ureilyticus sp. nov., a halotolerant bacterium from a saline-alkaline soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010 , 60, 1383-1386	2.2	34
91	Halopelagius inordinatus gen. nov., sp. nov., a new member of the family Halobacteriaceae isolated from a marine solar saltern. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010 , 60, 2089-2093	2.2	32
90	In Vitro Antioxidant, Antihemolytic, and Anticancer Activity of the Carotenoids from Halophilic Archaea. <i>Current Microbiology</i> , 2018 , 75, 266-271	2.4	29
89	Ruegeria marina sp. nov., isolated from marine sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011 , 61, 347-350	2.2	25
88	Halorubellus salinus gen. nov., sp. nov. and Halorubellus litoreus sp. nov., novel halophilic archaea isolated from a marine solar saltern. <i>Systematic and Applied Microbiology</i> , 2012 , 35, 30-4	4.2	24
87	Halogramum gelatinilyticum sp. nov. and Halogramum amylolyticum sp. nov., isolated from a marine solar saltern, and emended description of the genus Halogramum. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011 , 61, 911-915	2.2	22
86	Haladaptatus litoreus sp. nov., an extremely halophilic archaeon from a marine solar saltern, and emended description of the genus Haladaptatus. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010 , 60, 1085-1089	2.2	21
85	Salinigranum rubrum gen. nov., sp. nov., a member of the family Halobacteriaceae isolated from a marine solar saltern. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 2029-2033	2.2	20

84	Purification and characterisation of a salt-stable protease from the halophilic archaeon <i>Halogramum rubrum</i> . <i>Journal of the Science of Food and Agriculture</i> , 2017 , 97, 1412-1419	4.3	17
83	<i>Glycocaulis albus</i> sp. nov., a moderately halophilic dimorphic prosthecate bacterium isolated from petroleum-contaminated saline soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 3181-3187	2.2	17
82	<i>Halobellus limi</i> sp. nov. and <i>Halobellus salinus</i> sp. nov., isolated from two marine solar salterns. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012 , 62, 1307-1313	2.2	17
81	<i>Haloplanus vescus</i> sp. nov., an extremely halophilic archaeon from a marine solar saltern, and emended description of the genus <i>Haloplanus</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010 , 60, 1824-1827	2.2	17
80	Two novel deep-sea sediment metagenome-derived esterases: residue 199 is the determinant of substrate specificity and preference. <i>Microbial Cell Factories</i> , 2018 , 17, 16	6.4	16
79	<i>Natronorubrum sulfidifaciens</i> sp. nov., an extremely haloalkaliphilic archaeon isolated from Aiding salt lake in Xin-Jiang, China. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 738-740	2.2	16
78	<i>Halobellus inordinatus</i> sp. nov., from a marine solar saltern and an inland salt lake of China. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 3975-3980	2.2	15
77	<i>Haloplanus litoreus</i> sp. nov. and <i>Haloplanus ruber</i> sp. nov., from a marine solar saltern and an aquaculture farm, respectively. <i>Antonie Van Leeuwenhoek</i> , 2014 , 105, 679-85	2.1	14
76	<i>Halorubrum laminariae</i> sp. nov., isolated from the brine of salted brown alga <i>Laminaria</i> . <i>Antonie Van Leeuwenhoek</i> , 2015 , 107, 217-23	2.1	14
75	<i>Halosimplex pelagicum</i> sp. nov. and <i>Halosimplex rubrum</i> sp. nov., isolated from salted brown alga <i>Laminaria</i> , and emended description of the genus <i>Halosimplex</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 169-173	2.2	13
74	<i>Halobellus rarus</i> sp. nov., a halophilic archaeon from an inland salt lake of China. <i>Antonie Van Leeuwenhoek</i> , 2013 , 104, 377-84	2.1	13
73	<i>Halomicrobium zhouii</i> sp. nov., a halophilic archaeon from a marine solar saltern. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012 , 62, 1235-1240	2.2	13
72	<i>Haloplanus aerogenes</i> sp. nov., an extremely halophilic archaeon from a marine solar saltern. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011 , 61, 965-968	2.2	13
71	<i>Salinarubrum litoreum</i> gen. nov., sp. nov.: a new member of the family Halobacteriaceae isolated from Chinese marine solar salterns. <i>Antonie Van Leeuwenhoek</i> , 2014 , 105, 135-41	2.1	12
70	<i>Halorubrum rubrum</i> sp. nov., an extremely halophilic archaeon from a Chinese salt lake. <i>Antonie Van Leeuwenhoek</i> , 2013 , 104, 885-91	2.1	12
69	<i>Haloplanus salinus</i> sp. nov., an extremely halophilic archaeon from a Chinese marine solar saltern. <i>Archives of Microbiology</i> , 2013 , 195, 799-803	3	11
68	<i>Halogeometricum rufum</i> sp. nov., a halophilic archaeon from a marine solar saltern, and emended description of the genus <i>Halogeometricum</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010 , 60, 2613-2617	2.2	11
67	<i>Halosarcina limi</i> sp. nov., a halophilic archaeon from a marine solar saltern, and emended description of the genus <i>Halosarcina</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010 , 60, 2462-3466	2.2	11

66	Salinirubellus salinus gen. nov., sp. nov., isolated from a marine solar saltern. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 1874-1878	2.2	11
65	Haloarchaeobius litoreus sp. nov., isolated from a marine solar saltern. <i>Antonie Van Leeuwenhoek</i> , 2014 , 105, 1085-90	2.1	10
64	Halovenus rubra sp. nov., isolated from salted brown alga Laminaria. <i>Current Microbiology</i> , 2015 , 70, 91-94	2.4	10
63	Halorussus ruber sp. nov., isolated from an inland salt lake of China. <i>Archives of Microbiology</i> , 2015 , 197, 91-5	3	10
62	Sphingomonas rubra sp. nov., isolated from bioreactor wastewater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011 , 61, 1028-1032	2.2	10
61	Halorubrum salinum sp. nov., isolated from a marine solar saltern. <i>Archives of Microbiology</i> , 2014 , 196, 395-400	3	9
60	Halopenitus salinus sp. nov., isolated from the brine of salted brown alga Laminaria. <i>Antonie Van Leeuwenhoek</i> , 2014 , 106, 743-9	2.1	9
59	Halomicroarcula salina sp. nov., isolated from a marine solar saltern. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 1628-1633	2.2	9
58	Salinirussus salinus gen. nov., sp. nov., isolated from a marine solar saltern. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 3622-3626	2.2	9
57	Halorientalis brevis sp. nov., Isolated from an Inland Salt Lake of China. <i>Current Microbiology</i> , 2015 , 71, 382-6	2.4	8
56	Halopelagius fulvigenes sp. nov., a halophilic archaeon isolated from a lake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 2192-2196	2.2	8
55	Natronorubrum halophilum sp. nov. isolated from two inland salt lakes. <i>Journal of Microbiology</i> , 2020 , 58, 105-112	3	8
54	Sandarakinorhabdus cyanobacteriorum sp. nov., a novel bacterium isolated from cyanobacterial aggregates in a eutrophic lake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 730-735	2.2	8
53	Halomarina salina sp. nov., isolated from a marine solar saltern. <i>Antonie Van Leeuwenhoek</i> , 2016 , 109, 1121-6	2.1	8
52	Cultivation of halophilic archaea (class Halobacteria) from thalassohaline and athalassohaline environments. <i>Marine Life Science and Technology</i> , 2021 , 3, 243-251	4.5	8
51	Halobacterium rubrum sp. nov., isolated from a marine solar saltern. <i>Archives of Microbiology</i> , 2014 , 196, 847-51	3	7
50	Haloarchaeobius salinus sp. nov., isolated from an inland salt lake, and emended description of the genus Haloarchaeobius. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 910-914	2.2	7
49	Halomicroarcula limicola sp. nov., isolated from a marine solar saltern, and emended description of the genus Halomicroarcula. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 1747-1751	2.2	7

48	Halobellus litoreus sp. nov., a halophilic archaeon isolated from a Chinese marine solar saltern. <i>Current Microbiology</i> , 2014 , 68, 156-60	2.4	7
47	Halorussus litoreus sp. nov., isolated from the salted brown alga Laminaria. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 767-772	2.2	7
46	Aquidulcibacter paucihalophilus gen. nov., sp. nov., a novel member of family Caulobacteraceae isolated from cyanobacterial aggregates in a eutrophic lake. <i>Antonie Van Leeuwenhoek</i> , 2017 , 110, 1169-1177	3.1	6
45	Halorubrum rutilum sp. nov. isolated from a marine solar saltern. <i>Archives of Microbiology</i> , 2015 , 197, 1159-64	3	6
44	Taxonomic study of the genera Halogeometricum and Halosarcina: transfer of Halosarcina limi and Halosarcina pallida to the genus Halogeometricum as Halogeometricum limi comb. nov. and Halogeometricum pallidum comb. nov., respectively. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 3915-3919	2.2	6
43	Halorussus amylolyticus sp. nov., isolated from an inland salt lake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 3734-3738	2.2	6
42	Salinigranum salinum sp. nov., isolated from a marine solar saltern. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 3017-3021	2.2	6
41	Natronoarchaeum rubrum sp. nov., isolated from a marine solar saltern, and emended description of the genus Natronoarchaeum. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 952-956	2.2	5
40	sp. nov., isolated from saline soil sampled at the Tarim Basin. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 3299-3304	2.2	5
39	Halorientalis 2016 , 1-8		5
38	Haloprofundus halophilus sp. nov., isolated from the saline soil of Tarim Basin. <i>Antonie Van Leeuwenhoek</i> , 2019 , 112, 553-559	2.1	5
37	Phytoactinopolyspora limicola sp. nov., an alkaliphilic actinomycete isolated from a soda alkali-saline soil. <i>Archives of Microbiology</i> , 2021 , 203, 1367-1374	3	5
36	Halosimplex litoreum sp. nov., isolated from a marine solar saltern. <i>Antonie Van Leeuwenhoek</i> , 2015 , 108, 483-9	2.1	4
35	Identification and characterization of the gene encoding an extracellular protease from haloarchaeon Halococcus salifodinae. <i>Microbiological Research</i> , 2020 , 236, 126468	5.3	4
34	Halobacterium litoreum sp. nov., isolated from a marine solar saltern. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 4095-4099	2.2	4
33	Flavobacterium cyanobacteriorum sp. nov., isolated from cyanobacterial aggregates in a eutrophic lake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 1279-1284	2.2	4
32	sp. nov. and sp. nov., isolated from salted brown alga. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 1969-1976	2.2	4
31	Lactobacillus plantarum dy-1 fermented barley extraction activates white adipocyte browning in high-fat diet-induced obese rats. <i>Journal of Food Biochemistry</i> , 2021 , 45, e13680	3.3	4

30	Biochemical characterization of a low salt-adapted extracellular protease from the extremely halophilic archaeon <i>Halococcus salifodinae</i> . <i>International Journal of Biological Macromolecules</i> , 2021 , 176, 253-259	7.9	4
29	<i>Haloarchaeobius amylolyticus</i> sp. nov., isolated from a marine solar saltern. <i>Archives of Microbiology</i> , 2015 , 197, 949-53	3	3
28	Characterization of a novel Cu-containing dissimilatory nitrite reductase from the haloarchaeon <i>Halorussus</i> sp. YCN54. <i>Extremophiles</i> , 2020 , 24, 403-411	3	3
27	<i>Halobium Salinum</i> sp. nov., Isolated from a Marine Solar Saltern. <i>Current Microbiology</i> , 2018 , 75, 6-10	2.4	3
26	<i>Halorussus salinus</i> sp. nov., isolated from a marine solar saltern. <i>Archives of Microbiology</i> , 2016 , 198, 957-961	3	3
25	Crystal structure of <i>Pelagibacterium halotolerans</i> PE8: New insight into its substrate-binding pattern. <i>Scientific Reports</i> , 2017 , 7, 4422	4.9	3
24	<i>Halomarina rubra</i> sp. nov., isolated from a marine solar saltern. <i>Archives of Microbiology</i> , 2017 , 199, 1431-1435	3	3
23	<i>Niveispirillum lacus</i> sp. nov., isolated from cyanobacterial aggregates in a eutrophic lake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 507-512	2.2	3
22	A novel SGNH family hydrolase Ali5 with thioesterase activity and a GNSL motif but without a classic GDSL motif from <i>Altererythro bacter ishingakiensis</i> . <i>Biotechnology Letters</i> , 2019 , 41, 591-604	3	2
21	Microbial Regulation of Deterioration and Preservation of Salted Kelp under Different Temperature and Salinity Conditions. <i>Foods</i> , 2021 , 10,	4.9	2
20	<i>Haloprofundus salilacus</i> sp. nov., <i>Haloprofundus halobius</i> sp. nov. and <i>Haloprofundus salinisoli</i> sp. nov.: three extremely halophilic archaea isolated from salt lake and saline soil.. <i>Extremophiles</i> , 2021 , 26, 6	3	2
19	<i>Halorussus halophilus</i> sp. nov., A Novel Halophilic Archaeon Isolated from a Marine Solar Saltern. <i>Current Microbiology</i> , 2020 , 77, 1321-1327	2.4	1
18	Denitrifying halophilic archaea derived from salt dominate the degradation of nitrite in salted radish during pickling.. <i>Food Research International</i> , 2022 , 152, 110906	7	1
17	sp. nov., isolated from marine solar salterns. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 1648-1655	2.2	1
16	<i>Pelagibacterium limicola</i> sp. nov., isolated from a soda alkali-saline soil. <i>Archives of Microbiology</i> , 2021 , 203, 2681-2687	3	1
15	<i>Halosimplex</i> 2016 , 1-10		1
14	<i>Halobellus</i> 2016 , 1-13		1
13	Genome-based taxonomy of genera <i>Halomicrobium</i> and <i>Halosiccatus</i> , and description of <i>Halomicrobium salinisoli</i> sp. nov.. <i>Systematic and Applied Microbiology</i> , 2022 , 45, 126308	4.2	1

- 12 sp. nov. and sp. nov., two novel halophilic archaea. *International Journal of Systematic and Evolutionary Microbiology*, **2020**, 70, 5686-5692 2.2 ○
- 11 Mechanism and Structural Insights Into a Novel Esterase, E53, Isolated From .. *Frontiers in Microbiology*, **2021**, 12, 798194 5.7 ○
- 10 *Salinarchaeum* **2016**, 1-6
- 9 *Salinirubrum* **2016**, 1-6
- 8 *Halogranum* **2016**, 1-9
- 7 *Halolamina* **2016**, 1-10
- 6 *Halopelagius* **2016**, 1-8
- 5 *Halorubellus* **2016**, 1-6
- 4 *Halorussus* **2016**, 1-7
- 3 *Salinigranum* **2016**, 1-6
- 2 *Alcanivorax limicola* sp. nov., isolated from a soda alkali-saline soil.. *Archives of Microbiology*, **2021**, 204, 106 3
- 1 A novel halolysin without C-terminal extension from an extremely halophilic archaeon.. *Applied Microbiology and Biotechnology*, **2022**, 106, 3009 5.7