

# Heng-Lin Cui

## List of Publications by Year in descending order

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97  
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2,175  
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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Intraspecific polymorphism of 16S rRNA genes in two halophilic archaeal genera, Haloarcula and Halomicrobium. <i>Extremophiles</i> , 2009, 13, 31-37.	0.9	149
2	Halorussus rarus gen. nov., sp. nov., a new member of the family Halobacteriaceae isolated from a marine solar saltern. <i>Extremophiles</i> , 2010, 14, 493-499.	0.9	111
3	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.	0.8	88
4	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.	0.8	85
5	In Vitro Antioxidant, Antihemolytic, and Anticancer Activity of the Carotenoids from Halophilic Archaea. <i>Current Microbiology</i> , 2018, 75, 266-271.	1.0	70
6	Salinarchaeum laminariae gen. nov., sp. nov.: a new member of the family Halobacteriaceae isolated from salted brown alga Laminaria. <i>Extremophiles</i> , 2011, 15, 625-631.	0.9	63
7	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.	0.8	59
8	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.	0.9	57
9	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.	0.8	51
10	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.	0.8	51
11	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.	0.8	44
12	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, 30-34.	1.2	41
13	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.	0.8	39
14	Cultivation of halophilic archaea (class Halobacteria) from thalassohaline and athalassohaline environments. <i>Marine Life Science and Technology</i> , 2021, 3, 243-251.	1.8	35
15	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.	0.8	31
16	Ruegeria marina sp. nov., isolated from Marine Sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 347-350.	0.8	31
17	Glycocaulis albus 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.	0.8	29
18	Natronorubrum sulfidifaciens 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.	0.8	28

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19	<i>Haladaptatus litoreus</i> sp. nov., an extremely halophilic archaeon from a marine solar saltern, and emended description of the genus <i>Haladaptatus</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 1085-1089.	0.8	27
20	<i>Salinigranum rubrum</i> 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.	0.8	27
21	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.	1.7	27
22	<i>Halostella pelagica</i> sp. nov. and <i>Halostella litorea</i> sp. nov., isolated from salted brown alga <i>Laminaria</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 1969-1976.	0.8	26
23	<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.	0.8	25
24	<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.	0.8	24
25	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.	1.2	24
26	<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.	0.8	23
27	<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> , 2022, 26, 6.	0.9	23
28	<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, 135-141.	0.7	22
29	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.	1.9	22
30	<i>Salinirussus salinus</i> gen. nov., sp. nov., isolated from a marine solar saltern. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 3622-3626.	0.8	22
31	<i>Salinirubellus salinus</i> gen. nov., sp. nov., isolated from a marine solar saltern. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 1874-1878.	0.8	22
32	<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, 679-685.	0.7	21
33	<i>Natrinema halophilum</i> sp. nov., <i>Natrinema salinisoli</i> sp. nov., <i>Natrinema amylolyticum</i> sp. nov. and <i>Haloterrigena alkaliphila</i> sp. nov., four extremely halophilic archaea isolated from salt mine, saline soil and salt lake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	0.8	21
34	<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.	0.8	20
35	<i>Halorubrum laminariae</i> sp. nov., isolated from the brine of salted brown alga <i>Laminaria</i> . <i>Antonie Van Leeuwenhoek</i> , 2015, 107, 217-223.	0.7	20
36	<i>Natronorubrum halophilum</i> sp. nov. isolated from two inland salt lakes. <i>Journal of Microbiology</i> , 2020, 58, 105-112.	1.3	20

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37	<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.	0.8	18
38	<i>Sphingomonas rubra</i> sp. nov., isolated from bioreactor wastewater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 1028-1032.	0.8	18
39	<i>Halobellus rarus</i> sp. nov., a halophilic archaeon from an inland salt lake of China. <i>Antonie Van Leeuwenhoek</i> , 2013, 104, 377-384.	0.7	18
40	<i>Halomicroarcula limicola</i> sp. nov., isolated from a marine solar saltern, and emended description of the genus <i>Halomicroarcula</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 1747-1751.	0.8	18
41	<i>Sandarakinorhabdus cyanobacteriorum</i> 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.	0.8	18
42	<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.	0.8	17
43	<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.	0.8	17
44	<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.	0.8	17
45	<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.	1.0	17
46	<i>Halorussus ruber</i> sp. nov., isolated from an inland salt lake of China. <i>Archives of Microbiology</i> , 2015, 197, 91-95.	1.0	17
47	<i>Halomicroarcula salina</i> sp. nov., isolated from a marine solar saltern. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 1628-1633.	0.8	17
48	<i>Halorubrum rubrum</i> sp. nov., an extremely halophilic archaeon from a Chinese salt lake. <i>Antonie Van Leeuwenhoek</i> , 2013, 104, 885-891.	0.7	16
49	Taxonomic study of the genera <i>Halogeometricum</i> and <i>Halosarcina</i> : transfer of <i>Halosarcina limi</i> and <i>Halosarcina pallida</i> to the genus <i>Halogeometricum</i> as <i>Halogeome</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 3915-3919.	0.8	15
50	<i>Halorubrum salinum</i> sp. nov., isolated from a marine solar saltern. <i>Archives of Microbiology</i> , 2014, 196, 395-400.	1.0	15
51	<i>Haloarchaeobius litoreus</i> sp. nov., isolated from a marine solar saltern. <i>Antonie Van Leeuwenhoek</i> , 2014, 105, 1085-1090.	0.7	15
52	<i>Halovenus rubra</i> sp. nov., Isolated from Salted Brown Alga <i>Laminaria</i> . <i>Current Microbiology</i> , 2015, 70, 91-95.	1.0	15
53	Identification and characterization of the gene encoding an extracellular protease from haloarchaeon <i>Halococcus salifodinae</i> . <i>Microbiological Research</i> , 2020, 236, 126468.	2.5	15
54	<i>Halopenitus salinus</i> sp. nov., isolated from the brine of salted brown alga <i>Laminaria</i> . <i>Antonie Van Leeuwenhoek</i> , 2014, 106, 743-749.	0.7	14

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55	Denitrifying halophilic archaea derived from salt dominate the degradation of nitrite in salted radish during pickling. <i>Food Research International</i> , 2022, 152, 110906.	2.9	14
56	<i>Halobacterium rubrum</i> sp. nov., isolated from a marine solar saltern. <i>Archives of Microbiology</i> , 2014, 196, 847-851.	1.0	13
57	<i>Halorientalis brevis</i> sp. nov., Isolated from an Inland Salt Lake of China. <i>Current Microbiology</i> , 2015, 71, 382-386.	1.0	13
58	<i>Halomarina salina</i> sp. nov., isolated from a marine solar saltern. <i>Antonie Van Leeuwenhoek</i> , 2016, 109, 1121-1126.	0.7	13
59	<i>Aquidulcibacter paucihalophilus</i> 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.	0.7	13
60	<i>Halorussus litoreus</i> sp. nov., isolated from the salted brown alga <i>Laminaria</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 767-772.	0.8	13
61	<i>Halostella limicola</i> sp. nov., isolated from saline soil sampled at the Tarim Basin. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019, 69, 3299-3304.	0.8	13
62	<i>Halopelagius fulvigenes</i> sp. nov., a halophilic archaeon isolated from a lake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013, 63, 2192-2196.	0.8	12
63	<i>Halobellus litoreus</i> sp. nov., a Halophilic Archaeon Isolated from a Chinese Marine Solar Saltern. <i>Current Microbiology</i> , 2014, 68, 156-160.	1.0	12
64	<i>Haloarchaeobius salinus</i> sp. nov., isolated from an inland salt lake, and emended description of the genus <i>Haloarchaeobius</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 910-914.	0.8	12
65	<i>Haloprofundus halophilus</i> sp. nov., isolated from the saline soil of Tarim Basin. <i>Antonie Van Leeuwenhoek</i> , 2019, 112, 553-559.	0.7	12
66	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.	3.6	12
67	<i>Halorussus amylolyticus</i> sp. nov., isolated from an inland salt lake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 3734-3738.	0.8	12
68	<i>Halorussus halobius</i> sp. nov., <i>Halorussus marinus</i> sp. nov. and <i>Halorussus pelagicus</i> sp. nov., isolated from salted brown alga <i>Laminaria</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	0.8	12
69	<i>Natronoarchaeum rubrum</i> sp. nov., isolated from a marine solar saltern, and emended description of the genus <i>Natronoarchaeum</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014, 64, 952-956.	0.8	11
70	<i>Halorubrum rutilum</i> sp. nov. isolated from a marine solar saltern. <i>Archives of Microbiology</i> , 2015, 197, 1159-1164.	1.0	11
71	<i>Salinigranum salinum</i> sp. nov., isolated from a marine solar saltern. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 3017-3021.	0.8	11
72	<i>Salinigranum halophilum</i> sp. nov., isolated from marine solar salterns. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 1648-1655.	0.8	11

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73	<i>Halosimplex litoreum</i> sp. nov., isolated from a marine solar saltern. <i>Antonie Van Leeuwenhoek</i> , 2015, 108, 483-489.	0.7	10
74	<i>Lactobacillus plantarum</i> fermented barley extraction activates white adipocyte browning in high-fat diet-induced obese rats. <i>Journal of Food Biochemistry</i> , 2021, 45, e13680.	1.2	10
75	<i>Halobaculum halophilum</i> sp. nov. and <i>Halobaculum salinum</i> sp. nov., isolated from salt lake and saline soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	0.8	10
76	<i>Halobacterium litoreum</i> sp. nov., isolated from a marine solar saltern. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 4095-4099.	0.8	10
77	<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.	0.8	10
78	<i>Halomarina rubra</i> sp. nov., isolated from a marine solar saltern. <i>Archives of Microbiology</i> , 2017, 199, 1431-1435.	1.0	9
79	<i>Halorussus halophilus</i> sp. nov., A Novel Halophilic Archaeon Isolated from a Marine Solar Saltern. <i>Current Microbiology</i> , 2020, 77, 1321-1327.	1.0	9
80	<i>Natronomonas halophila</i> sp. nov. and <i>Natronomonas salina</i> sp. nov., two novel halophilic archaea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 5686-5692.	0.8	9
81	<i>Halosimplex halophilum</i> sp. nov. and <i>Halosimplex salinum</i> sp. nov., isolated from saline soil and a salt mine. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021, 71, .	0.8	8
82	<i>Flavobacterium cyanobacteriorum</i> sp. nov., isolated from cyanobacterial aggregates in a eutrophic lake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018, 68, 1279-1284.	0.8	8
83	<i>Haloarchaeobius amylolyticus</i> sp. nov., isolated from a marine solar saltern. <i>Archives of Microbiology</i> , 2015, 197, 949-953.	1.0	7
84	<i>Halobium Salinum</i> sp. nov., Isolated from a Marine Solar Saltern. <i>Current Microbiology</i> , 2018, 75, 6-10.	1.0	7
85	<i>Halobaculum rubrum</i> sp. nov., an extremely halophilic archaeon isolated from a salt lake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2022, 72, .	0.8	7
86	Characterization of a novel Cu-containing dissimilatory nitrite reductase from the haloarchaeon <i>Halorussus</i> sp. YCN54. <i>Extremophiles</i> , 2020, 24, 403-411.	0.9	6
87	Microbial Regulation of Deterioration and Preservation of Salted Kelp under Different Temperature and Salinity Conditions. <i>Foods</i> , 2021, 10, 1723.	1.9	6
88	<i>Halorussus salinus</i> sp. nov., isolated from a marine solar saltern. <i>Archives of Microbiology</i> , 2016, 198, 957-961.	1.0	5
89	A novel SGNH family hydrolase Ali5 with thioesterase activity and a GNSL motif but without a classic GDSL motif from <i>Altererythro bacter ishigakiensis</i> . <i>Biotechnology Letters</i> , 2019, 41, 591-604.	1.1	5
90	<i>Phytoactinopolyspora limicola</i> sp. nov., an alkaliphilic actinomycete isolated from a soda alkali-saline soil. <i>Archives of Microbiology</i> , 2021, 203, 1367-1374.	1.0	5

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91	A novel halolysin without C-terminal extension from an extremely halophilic archaeon. Applied Microbiology and Biotechnology, 2022, 106, 3009-3019.	1.7	5
92	Crystal structure of Pelagibacterium halotolerans PE8: New insight into its substrate-binding pattern. Scientific Reports, 2017, 7, 4422.	1.6	4
93	Genomic and Metabolic Features of an Unexpectedly Predominant, Thermophilic, Assistant Starter Microorganism, Thermus thermophilus, in Chinese Inner Mongolian Cheese. Foods, 2021, 10, 2962.	1.9	4
94	Pelagibacterium limicola sp. nov., isolated from a soda alkali-saline soil. Archives of Microbiology, 2021, 203, 2681-2687.	1.0	3
95	Mechanism and Structural Insights Into a Novel Esterase, E53, Isolated From Erythrobacter longus. Frontiers in Microbiology, 2021, 12, 798194.	1.5	2
96	<i>Lactiplantibacillus plantarum</i> fermented barley extracts ameliorate high-fat diet-induced muscle dysfunction via mitophagy. Journal of the Science of Food and Agriculture, 2022, 102, 5261-5271.	1.7	2
97	Alcanivorax limicola sp. nov., isolated from a soda alkali-saline soil. Archives of Microbiology, 2022, 204, 106.	1.0	2