

Heng-Lin Cui

List of Publications by Year in Descending Order

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

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	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
100	Genome-based taxonomy of genera Halomicrobium and Halosiccatus, and description of Halomicrobium salinisoli sp. nov.. <i>Systematic and Applied Microbiology</i> , 2022 , 45, 126308	4.2	1
99	A novel halolysin without C-terminal extension from an extremely halophilic archaeon.. <i>Applied Microbiology and Biotechnology</i> , 2022 , 106, 3009	5.7	
98	Mechanism and Structural Insights Into a Novel Esterase, E53, Isolated From .. <i>Frontiers in Microbiology</i> , 2021 , 12, 798194	5.7	0
97	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
96	Pelagibacterium limicola sp. nov., isolated from a soda alkali-saline soil. <i>Archives of Microbiology</i> , 2021 , 203, 2681-2687	3	1
95	Biochemical characterization of a low salt-adapted extracellular protease from the extremely halophilic archaeon Halococcus salifodinae. <i>International Journal of Biological Macromolecules</i> , 2021 , 176, 253-259	7.9	4
94	Microbial Regulation of Deterioration and Preservation of Salted Kelp under Different Temperature and Salinity Conditions. <i>Foods</i> , 2021 , 10,	4.9	2
93	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
92	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
91	Haloprofundus salilacus sp. nov., Haloprofundus halobius sp. nov. and Haloprofundus salinisoli sp. nov.: three extremely halophilic archaea isolated from salt lake and saline soil.. <i>Extremophiles</i> , 2021 , 26, 6	3	2
90	Alcanivorax limicola sp. nov., isolated from a soda alkali-saline soil.. <i>Archives of Microbiology</i> , 2021 , 204, 106	3	
89	Characterization of a novel Cu-containing dissimilatory nitrite reductase from the haloarchaeon Halorussus sp. YCN54. <i>Extremophiles</i> , 2020 , 24, 403-411	3	3
88	Halorussus halophilus sp. nov., A Novel Halophilic Archaeon Isolated from a Marine Solar Saltern. <i>Current Microbiology</i> , 2020 , 77, 1321-1327	2.4	1
87	Identification and characterization of the gene encoding an extracellular protease from haloarchaeon Halococcus salifodinae. <i>Microbiological Research</i> , 2020 , 236, 126468	5.3	4
86	sp. nov. and sp. nov., two novel halophilic archaea. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 5686-5692	2.2	0
85	Natronorubrum halophilum sp. nov. isolated from two inland salt lakes. <i>Journal of Microbiology</i> , 2020 , 58, 105-112	3	8

84	sp. nov., isolated from marine solar salterns. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 1648-1655	2.2	1
83	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
82	A novel SGNH family hydrolase Ali5 with thioesterase activity and a GNSL motif but without a classic GDSL motif from <i>Altererythrobacter ishigakiensis</i> . <i>Biotechnology Letters</i> , 2019 , 41, 591-604	3	2
81	<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	2.2	7
80	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
79	<i>Haloprofundus halophilus</i> sp. nov., isolated from the saline soil of Tarim Basin. <i>Antonie Van Leeuwenhoek</i> , 2019 , 112, 553-559	2.1	5
78	<i>Halobium Salinum</i> sp. nov., Isolated from a Marine Solar Saltern. <i>Current Microbiology</i> , 2018 , 75, 6-10	2.4	3
77	In Vitro Antioxidant, Antihemolytic, and Anticancer Activity of the Carotenoids from Halophilic Archaea. <i>Current Microbiology</i> , 2018 , 75, 266-271	2.4	29
76	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
75	<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
74	<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	2.2	8
73	<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	2.2	4
72	<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	2.2	11
71	<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	2.1	6
70	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
69	<i>Halomarina rubra</i> sp. nov., isolated from a marine solar saltern. <i>Archives of Microbiology</i> , 2017 , 199, 1431-1435	3	3
68	Purification and characterisation of a salt-stable protease from the halophilic archaeon <i>Halogramma rubrum</i> . <i>Journal of the Science of Food and Agriculture</i> , 2017 , 97, 1412-1419	4.3	17
67	<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	2.2	9

66	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
65	Halorussus salinus sp. nov., isolated from a marine solar saltern. <i>Archives of Microbiology</i> , 2016 , 198, 957-961		3
64	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
63	Halosimplex 2016 , 1-10		1
62	Salinarchaeum 2016 , 1-6		
61	Salinirubrum 2016 , 1-6		
60	Halobellus 2016 , 1-13		1
59	Halogramum 2016 , 1-9		
58	Halolamina 2016 , 1-10		
57	Halopelagius 2016 , 1-8		
56	Halorubellus 2016 , 1-6		
55	Halorussus 2016 , 1-7		
54	Halorientalis 2016 , 1-8		5
53	Salinigranum 2016 , 1-6		
52	Halomarina salina sp. nov., isolated from a marine solar saltern. <i>Antonie Van Leeuwenhoek</i> , 2016 , 109, 1121-6	2.1	8
51	Halosimplex litoreum sp. nov., isolated from a marine solar saltern. <i>Antonie Van Leeuwenhoek</i> , 2015 , 108, 483-9	2.1	4
50	Halorientalis brevis sp. nov., Isolated from an Inland Salt Lake of China. <i>Current Microbiology</i> , 2015 , 71, 382-6	2.4	8
49	Haloarchaeobius amylolyticus sp. nov., isolated from a marine solar saltern. <i>Archives of Microbiology</i> , 2015 , 197, 949-53	3	3

48	Halorubrum rutilum sp. nov. isolated from a marine solar saltern. <i>Archives of Microbiology</i> , 2015 , 197, 1159-64	3	6
47	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
46	Halovenus rubra sp. nov., isolated from salted brown alga Laminaria. <i>Current Microbiology</i> , 2015 , 70, 91-94	2.4	10
45	Halorubrum laminariae sp. nov., isolated from the brine of salted brown alga Laminaria. <i>Antonie Van Leeuwenhoek</i> , 2015 , 107, 217-23	2.1	14
44	Halorussus ruber sp. nov., isolated from an inland salt lake of China. <i>Archives of Microbiology</i> , 2015 , 197, 91-5	3	10
43	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
42	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
41	Haloplanus litoreus sp. nov. and Haloplanus ruber sp. nov., from a marine solar saltern and an aquaculture farm, respectively. <i>Antonie Van Leeuwenhoek</i> , 2014 , 105, 679-85	2.1	14
40	Halorubrum salinum sp. nov., isolated from a marine solar saltern. <i>Archives of Microbiology</i> , 2014 , 196, 395-400	3	9
39	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
38	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
37	Halobacterium rubrum sp. nov., isolated from a marine solar saltern. <i>Archives of Microbiology</i> , 2014 , 196, 847-51	3	7
36	Haloarchaeobius litoreus sp. nov., isolated from a marine solar saltern. <i>Antonie Van Leeuwenhoek</i> , 2014 , 105, 1085-90	2.1	10
35	Halosimplex pelagicum sp. nov. and Halosimplex rubrum sp. nov., isolated from salted brown alga Laminaria, and emended description of the genus Halosimplex. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 169-173	2.2	13
34	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
33	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
32	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	2.2	17
31	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

30	Salinarubrum litoreum 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
29	Halobellus rarus sp. nov., a halophilic archaeon from an inland salt lake of China. <i>Antonie Van Leeuwenhoek</i> , 2013 , 104, 377-84	2.1	13
28	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
27	Halobellus inordinatus 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
26	Haloplanus salinus sp. nov., an extremely halophilic archaeon from a Chinese marine solar saltern. <i>Archives of Microbiology</i> , 2013 , 195, 799-803	3	11
25	Halorubrum rubrum sp. nov., an extremely halophilic archaeon from a Chinese salt lake. <i>Antonie Van Leeuwenhoek</i> , 2013 , 104, 885-91	2.1	12
24	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
23	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
22	Halomicrobium zhouii 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
21	Halobellus limi sp. nov. and Halobellus salinus sp. nov., isolated from two marine solar salterns. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012 , 62, 1307-1313	2.2	17
20	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
19	Halogranum gelatinolyticum sp. nov. and Halogranum amylolyticum sp. nov., isolated from a marine solar saltern, and emended description of the genus Halogranum. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011 , 61, 911-915	2.2	22
18	Haloplanus aerogenes 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
17	Sphingomonas rubra sp. nov., isolated from bioreactor wastewater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011 , 61, 1028-1032	2.2	10
16	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
15	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
14	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
13	Ruegeria marina sp. nov., isolated from marine sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011 , 61, 347-350	2.2	25

12	Haloplanus vescus sp. nov., an extremely halophilic archaeon from a marine solar saltern, and emended description of the genus Haloplanus. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010 , 60, 1824-1827	2.2	17
11	Halogeometricum rufum sp. nov., a halophilic archaeon from a marine solar saltern, and emended description of the genus Halogeometricum. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010 , 60, 2613-2617	2.2	11
10	Halosarcina limi sp. nov., a halophilic archaeon from a marine solar saltern, and emended description of the genus Halosarcina. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010 , 60, 2462-3466	2.2	11
9	Halogranum 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
8	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
7	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
6	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
5	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
4	Intraspecific polymorphism of 16S rRNA genes in two halophilic archaeal genera, Haloarcula and Halomicrobium. <i>Extremophiles</i> , 2009 , 13, 31-7	3	122
3	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	2.2	16
2	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
1	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