

Cristina Sánchez-Porro

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3273743/publications.pdf>

Version: 2024-02-01

106
papers

3,785
citations

147801
31
h-index

168389
53
g-index

119
all docs

119
docs citations

119
times ranked

2949
citing authors

#	ARTICLE	IF	CITATIONS
1	New Abundant Microbial Groups in Aquatic Hypersaline Environments. <i>Scientific Reports</i> , 2011, 1, 135.	3.3	288
2	Diversity of moderately halophilic bacteria producing extracellular hydrolytic enzymes. <i>Journal of Applied Microbiology</i> , 2003, 94, 295-300.	3.1	226
3	Microbial diversity of hypersaline environments: a metagenomic approach. <i>Current Opinion in Microbiology</i> , 2015, 25, 80-87.	5.1	157
4	Screening and characterization of the protease CP1 produced by the moderately halophilic bacterium <i>Pseudoalteromonas</i> sp. strain CP76. <i>Extremophiles</i> , 2003, 7, 221-228.	2.3	122
5	<i>Marinobacter lipolyticus</i> sp. nov., a novel moderate halophile with lipolytic activity. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2003, 53, 1383-1387.	1.7	118
6	The Santa Pola saltern as a model for studying the microbiota of hypersaline environments. <i>Extremophiles</i> , 2014, 18, 811-824.	2.3	113
7	<i>Massilia aurea</i> sp. nov., isolated from drinking water. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 2449-2453.	1.7	89
8	Description of <i>Kushneria aurantia</i> gen. nov., sp. nov., a novel member of the family Halomonadaceae, and a proposal for reclassification of <i>Halomonas marisflavi</i> as <i>Kushneria marisflavi</i> comb. nov., of <i>Halomonas indalinina</i> as <i>Kushneria indalinina</i> comb. nov. and of <i>Halomonas avicenniae</i> as <i>Kushneria avicenniae</i> comb. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 397-405.	1.7	87
9	Prokaryotic taxonomic and metabolic diversity of an intermediate salinity hypersaline habitat assessed by metagenomics. <i>FEMS Microbiology Ecology</i> , 2014, 88, 623-635.	2.7	87
10	Comparison of prokaryotic community structure from Mediterranean and Atlantic saltern concentrator ponds by a metagenomic approach. <i>Frontiers in Microbiology</i> , 2014, 5, 196.	3.5	80
11	<i>Halomonas titanicae</i> sp. nov., a halophilic bacterium isolated from the RMS Titanic. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010, 60, 2768-2774.	1.7	79
12	From Metagenomics to Pure Culture: Isolation and Characterization of the Moderately Halophilic Bacterium <i>Spiribacter salinus</i> gen. nov., sp. nov. <i>Applied and Environmental Microbiology</i> , 2014, 80, 3850-3857.	3.1	78
13	Transfer of <i>Teichococcus ludipueritiae</i> and <i>Muricoccus roseus</i> to the genus <i>Roseomonas</i> , as <i>Roseomonas ludipueritiae</i> comb. nov. and <i>Roseomonas rosea</i> comb. nov., respectively, and emended description of the genus <i>Roseomonas</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 1193-1198.	1.7	65
14	Biogeography of the ubiquitous marine bacterium < i>Alteromonas macleodii</i> determined by multilocus sequence analysis. <i>Molecular Ecology</i> , 2008, 17, 4092-4106.	3.9	62
15	<i>Roseomonas aquatica</i> sp. nov., isolated from drinking water. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006, 56, 2291-2295.	1.7	60
16	Genomes of ‘Spiribacter’, a streamlined, successful halophilic bacterium. <i>BMC Genomics</i> , 2013, 14, 787.	2.8	54
17	Halophilic and Halotolerant Micro-Organisms from Soils. <i>Soil Biology</i> , 2008, , 87-115.	0.8	51
18	<i>Halorubrum chaoviator</i> sp. nov., a haloarchaeon isolated from sea salt in Baja California, Mexico, Western Australia and Naxos, Greece. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009, 59, 1908-1913.	1.7	50

#	ARTICLE	IF	CITATIONS
19	Chryseobacterium viscerum sp. nov., isolated from diseased fish. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 2934-2940.	1.7	45
20	Flavobacterium tructae sp. nov. and Flavobacterium piscis sp. nov., isolated from farmed rainbow trout (<i>Oncorhynchus mykiss</i>). International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 392-399.	1.7	44
21	Compatible Solute Synthesis and Import by the Moderate Halophile <i>Spiribacter salinus</i> : Physiology and Genomics. Frontiers in Microbiology, 2018, 9, 108.	3.5	44
22	Chryseobacterium oncorhynchi sp. nov., isolated from rainbow trout (<i>Oncorhynchus mykiss</i>). Systematic and Applied Microbiology, 2012, 35, 24-29.	2.8	40
23	<i>Bacillus iranensis</i> sp. nov., a moderate halophile from a hypersaline lake. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 811-816.	1.7	39
24	Halorubrum californiense sp. nov., an extreme archaeal halophile isolated from a crystallizer pond at a solar salt plant in California, USA. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 2710-2715.	1.7	37
25	Halomonas ilicicola sp. nov., a moderately halophilic bacterium isolated from a saltern. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 578-582.	1.7	36
26	Aquibacillus halophilus gen. nov., sp. nov., a moderately halophilic bacterium from a hypersaline lake, and reclassification of <i>Virgibacillus koreensis</i> as <i>Aquibacillus koreensis</i> comb. nov. and <i>Virgibacillus albus</i> as <i>Aquibacillus albus</i> comb. nov.. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 3616-3623.	1.7	36
27	Flavobacterium ceti sp. nov., isolated from beaked whales (<i>Ziphius cavirostris</i>). International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 2604-2608.	1.7	35
28	Halobacillus mangrovi sp. nov., a moderately halophilic bacterium isolated from the black mangrove <i>Avicennia germinans</i> . International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 125-130.	1.7	35
29	Metagenome Sequencing of Prokaryotic Microbiota from Two Hypersaline Ponds of a Marine Saltern in Santa Pola, Spain. Genome Announcements, 2013, 1, .	0.8	35
30	Alteribacillus bidgolensis gen. nov., sp. nov., a moderately halophilic bacterium from a hypersaline lake, and reclassification of <i>Bacillus persepolensis</i> as <i>Alteribacillus persepolensis</i> comb. nov.. International Journal of Systematic and Evolutionary Microbiology, 2012, 62, 2691-2697.	1.7	34
31	Characterization of flavobacteria possibly associated with fish and fish farm environment. Description of three novel Flavobacterium species: <i>Flavobacterium collinsii</i> sp. nov., <i>Flavobacterium branchiarium</i> sp. nov., and <i>Flavobacterium branchiicola</i> sp. nov.. Aquaculture, 2013, 416-417, 346-353.	3.5	34
32	New Halonotius Species Provide Genomics-Based Insights Into Cobalamin Synthesis in Haloarchaea. Frontiers in Microbiology, 2019, 10, 1928.	3.5	34
33	<i>Bacillus halosaccharovorans</i> sp. nov., a moderately halophilic bacterium from a hypersaline lake. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 2776-2781.	1.7	33
34	Spatial distribution of prokaryotic communities in hypersaline soils. Scientific Reports, 2019, 9, 1769.	3.3	33
35	Halomonas avicenniae sp. nov., isolated from the salty leaves of the black mangrove <i>Avicennia germinans</i> in Puerto Rico. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 900-905.	1.7	32
36	Aerococcus suis sp. nov., isolated from clinical specimens from swine. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 1291-1294.	1.7	32

#	ARTICLE	IF	CITATIONS
37	Algoriphagus hitonicola sp. nov., isolated from an athalassohaline lagoon. International Journal of Systematic and Evolutionary Microbiology, 2008, 58, 424-428.	1.7	32
38	Oceanobacillus limi sp. nov., a moderately halophilic bacterium from a salt lake. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 1284-1289.	1.7	32
39	Saliterribacillus persicus gen. nov., sp. nov., a moderately halophilic bacterium isolated from a hypersaline lake. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 345-351.	1.7	31
40	Taxonomic study of the genus Salinicola: transfer of Halomonas salaria and Chromohalobacter salarius to the genus Salinicola as Salinicola salarius comb. nov. and Salinicola halophilus nom. nov., respectively. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 963-971.	1.7	30
41	Moraxella porci sp. nov., isolated from pigs. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 2446-2450.	1.7	30
42	Chromohalobacter japonicus sp. nov., a moderately halophilic bacterium isolated from a Japanese salty food. International Journal of Systematic and Evolutionary Microbiology, 2007, 57, 2262-2266.	1.7	29
43	Bacillus persepolensis sp. nov., a moderately halophilic bacterium from a hypersaline lake. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 2352-2358.	1.7	28
44	Cloning, Characterization and Analysis of cat and ben Genes from the Phenol Degrading Halophilic Bacterium Halomonas organivorans. PLoS ONE, 2011, 6, e21049.	2.5	28
45	Ornithinibacillus halophilus sp. nov., a moderately halophilic, Gram-stain-positive, endospore-forming bacterium from a hypersaline lake. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 844-848.	1.7	28
46	Horizontal Gene Transfer, Dispersal and Haloarchaeal Speciation. Life, 2015, 5, 1405-1426.	2.4	28
47	Marinobacter persicus sp. nov., a moderately halophilic bacterium from a saline lake in Iran. Antonie Van Leeuwenhoek, 2013, 104, 47-54.	1.7	27
48	Flavobacterium plurextorum sp. nov. Isolated from Farmed Rainbow Trout (<i>Oncorhynchus mykiss</i>). PLoS ONE, 2013, 8, e67741.	2.5	27
49	Halophilic Archaea and Bacteria as a Source of Extracellular Hydrolytic Enzymes. , 2005, , 337-354.		26
50	Bacillus halochares sp. nov., a halophilic bacterium isolated from a solar saltern. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 1432-1436.	1.7	26
51	Culturomics-based genomics sheds light on the ecology of the new haloarchaeal genus <i>Halosegnis</i>. Environmental Microbiology, 2021, 23, 3418-3434.	3.8	25
52	Piscibacillus halophilus sp. nov., a moderately halophilic bacterium from a hypersaline Iranian lake. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 3095-3099.	1.7	24
53	Carotenoids™ Production from Halophilic Bacteria. Methods in Molecular Biology, 2012, 892, 207-217.	0.9	24
54	Bacillus persicus sp. nov., a halophilic bacterium from a hypersaline lake. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 1229-1234.	1.7	23

#	ARTICLE	IF	CITATIONS
55	Halorubrum persicum sp. nov., an extremely halophilic archaeon isolated from sediment of a hypersaline lake. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 1770-1778.	1.7	23
56	Comparative Genomics and Phylogenomic Analysis of the Genus <i>Salinivibrio</i> . Frontiers in Microbiology, 2019, 10, 2104.	3.5	23
57	<i>Moraxella pluranimalium</i> sp. nov., isolated from animal specimens. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 671-674.	1.7	22
58	<i>Thalassobacillus cyri</i> sp. nov., a moderately halophilic Gram-positive bacterium from a hypersaline lake. International Journal of Systematic and Evolutionary Microbiology, 2009, 59, 2565-2570.	1.7	22
59	<i>Oceanobacillus halophilus</i> sp. nov., a novel moderately halophilic bacterium from a hypersaline lake. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 1317-1322.	1.7	22
60	Engineering the halophilic bacterium <i>Halomonas elongata</i> to produce β -carotene. Applied Microbiology and Biotechnology, 2007, 77, 637-643.	3.6	21
61	<i>Aliicoccus persicus</i> gen. nov., sp. nov., a halophilic member of the Firmicutes isolated from a hypersaline lake. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 1964-1969.	1.7	21
62	<i>Lentibacillus persicus</i> sp. nov., a moderately halophilic species isolated from a saline lake. International Journal of Systematic and Evolutionary Microbiology, 2010, 60, 1407-1412.	1.7	20
63	<i>Larsenia salina</i> gen. nov., sp. nov., a new member of the family Halomonadaceae based on multilocus sequence analysis. Systematic and Applied Microbiology, 2014, 37, 480-487.	2.8	20
64	Characterization of <i>Salinivibrio socompensis</i> sp. nov., A New Halophilic Bacterium Isolated from the High-Altitude Hypersaline Lake Socompa, Argentina. Microorganisms, 2019, 7, 241.	3.6	20
65	<i>Spiribacter roseus</i> sp. nov., a moderately halophilic species of the genus <i>Spiribacter</i> from salterns. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 4218-4224.	1.7	20
66	<i>Chryseobacterium tructae</i> sp. nov., isolated from rainbow trout (<i>Oncorhynchus mykiss</i>). Systematic and Applied Microbiology, 2012, 35, 315-319.	2.8	19
67	<i>Bacillus salsus</i> sp. nov., a halophilic bacterium from a hypersaline lake. International Journal of Systematic and Evolutionary Microbiology, 2013, 63, 3324-3329.	1.7	19
68	Assessment of MultiLocus Sequence Analysis As a Valuable Tool for the Classification of the Genus <i>Salinivibrio</i> . Frontiers in Microbiology, 2017, 8, 1107.	3.5	19
69	<i>Salinivibrio kushneri</i> sp. nov., a moderately halophilic bacterium isolated from salterns. Systematic and Applied Microbiology, 2018, 41, 159-166.	2.8	19
70	Genotypic and Lipid Analyses of Strains From the Archaeal Genus <i>Halorubrum</i> Reveal Insights Into Their Taxonomy, Divergence, and Population Structure. Frontiers in Microbiology, 2018, 9, 512.	3.5	19
71	<i>Spiribacter curvatus</i> sp. nov., a moderately halophilic bacterium isolated from a saltern. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 4638-4643.	1.7	18
72	Genomic Insights Into New Species of the Genus <i>Halomicroarcula</i> Reveals Potential for New Osmoadaptative Strategies in Halophilic Archaea. Frontiers in Microbiology, 2021, 12, 751746.	3.5	18

#	ARTICLE	IF	CITATIONS
73	Taxogenomic and Comparative Genomic Analysis of the Genus <i>Saccharomonospora</i> Focused on the Identification of Biosynthetic Clusters PKS and NRPS. <i>Frontiers in Microbiology</i> , 2021, 12, 603791.	3.5	16
74	<i>Halorubrum halodurans</i> sp. nov., an extremely halophilic archaeon isolated from a hypersaline lake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016, 66, 435-444.	1.7	16
75	<i>Spiribacter aquaticus</i> sp. nov., a novel member of the genus <i>Spiribacter</i> isolated from a saltern. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 2947-2952.	1.7	16
76	Draft Genome of the Marine Gammaproteobacterium <i>Halomonas titanicae</i> . <i>Genome Announcements</i> , 2013, 1, e0008313.	0.8	15
77	<i>Haloglomus irregulare</i> gen. nov., sp. nov., a New Halophilic Archaeon Isolated from a Marine Saltern. <i>Microorganisms</i> , 2020, 8, 206.	3.6	15
78	<i>Idiomarina aquatica</i> sp. nov., a moderately halophilic bacterium isolated from salterns. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 4595-4600.	1.7	15
79	<i>Marinobacter aquaticus</i> sp. nov., a moderately halophilic bacterium from a solar saltern. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 2622-2627.	1.7	15
80	Halophilic and Haloalkaliphilic, Aerobic Endospore-forming Bacteria in Soil. <i>Soil Biology</i> , 2011, , 309-339.	0.8	14
81	Draft Genome of <i>Spiribacter salinus</i> M19-40, an Abundant Gammaproteobacterium in Aquatic Hypersaline Environments. <i>Genome Announcements</i> , 2013, 1, .	0.8	14
82	<i>Fodinicurvata halophila</i> sp. nov., a moderately halophilic bacterium from a marine saltern. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015, 65, 766-771.	1.7	14
83	Genome-based analyses reveal a synonymy among <i>Halorubrum distributum</i> Zvyagintseva and Tarasov 1989; Oren and Ventosa 1996, <i>Halorubrum terrestre</i> Ventosa et al. 2004, <i>Halorubrum arcis</i> Xu et al. 2007 and <i>Halorubrum litoreum</i> Cui et al. 2007. Emended description of <i>Halorubrum distributum</i> Zvyagintseva and Tarasov 1989; Oren and Ventosa 1996. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 1698-1705.	1.7	14
84	The Haloprotease CPI Produced by the Moderately Halophilic Bacterium <i>Pseudoalteromonas rutenica</i> Is Secreted by the Type II Secretion Pathway. <i>Applied and Environmental Microbiology</i> , 2009, 75, 4197-4201.	3.1	13
85	<i>Thalassobacillus pellis</i> sp. nov., a moderately halophilic, Gram-positive bacterium isolated from salted hides. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011, 61, 1206-1210.	1.7	13
86	Metagenomic Sequence of Prokaryotic Microbiota from an Intermediate-Salinity Pond of a Saltern in Isla Cristina, Spain. <i>Genome Announcements</i> , 2014, 2, .	0.8	13
87	<i>Natronomonas salsuginis</i> sp. nov., a New Inhabitant of a Marine Solar Saltern. <i>Microorganisms</i> , 2020, 8, 605.	3.6	13
88	<i>Spiribacter aquaticus</i> Leon et al. 2017 is a later heterotypic synonym of <i>Spiribacter roseus</i> Leon et al. 2016. Reclassification of <i>Halopeptonella vilamensis</i> Menes et al. 2016 as <i>Spiribacter vilamensis</i> comb. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020, 70, 2873-2878.	1.7	13
89	Taxogenomics of the Genus <i>Cyclobacterium</i> : <i>Cyclobacterium xiamenense</i> and <i>Cyclobacterium halophilum</i> as Synonyms and Description of <i>Cyclobacterium plantarum</i> sp. nov.. <i>Microorganisms</i> , 2020, 8, 610.	3.6	12
90	<i>Soortia roseihalophila</i> gen. nov., sp. nov., a new taxon in the order Balneolales isolated from a travertine spring, and description of <i>Soortiaceae</i> fam. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017, 67, 113-120.	1.7	12

#	ARTICLE	IF	CITATIONS
91	Halonotius aquaticus sp. nov., a new haloarchaeon isolated from a marine saltern. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 1306-1312.	1.7	12
92	Halorientalis pallida sp. nov., an extremely halophilic archaeon isolated from a marine saltern. International Journal of Systematic and Evolutionary Microbiology, 2019, 69, 3636-3643.	1.7	12
93	Alloactinosynnema iranicum sp. nov., a rare actinomycete isolated from a hypersaline wetland, and emended description of the genus Alloactinosynnema. International Journal of Systematic and Evolutionary Microbiology, 2014, 64, 1173-1179.	1.7	11
94	Halovenus salina sp. nov., an extremely halophilic archaeon isolated from a saltern. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 3016-3023.	1.7	11
95	Oceanobacillus longus sp. nov., a moderately halophilic bacterium isolated from a salt lake. International Journal of Systematic and Evolutionary Microbiology, 2016, 66, 4225-4230.	1.7	11
96	Halorubrum chaoviator Mancinelli et al. 2009 is a later, heterotypic synonym of Halorubrum ezzemoulene Kharroub et al. 2006. Emended description of Halorubrum ezzemoulene Kharroub et al. 2006. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 3657-3665.	1.7	11
97	Salimicrobium salexigens sp. nov., a moderately halophilic bacterium from salted hides. Systematic and Applied Microbiology, 2011, 34, 435-9.	2.8	9
98	Taxonomy, Phylogeny, and Biotechnological Interest of the Family Halomonadaceae. , 2011, , 27-64.		9
99	Draft Genome Sequence of the Moderately Halophilic Bacterium Marinobacter lipolyticus Strain SM19. Genome Announcements, 2013, 1, .	0.8	8
100	Aquisalimonas lutea sp. nov., a moderately halophilic bacterium from a saltern. International Journal of Systematic and Evolutionary Microbiology, 2015, 65, 1354-1359.	1.7	7
101	Draft Genome Sequences of Salinivibrio proteolyticus, Salinivibrio sharmensis, Salinivibrio siamensis, Salinivibrio costicola subsp. alcaliphilus , Salinivibrio costicola subsp. vallismortis , and 29 New Isolates Belonging to the Genus Salinivibrio. Genome Announcements, 2017, 5, .	0.8	7
102	Detection of industrially potential enzymes of moderately halophilic bacteria on salted goat skins. Biyokimya Dergisi, 2018, 43, 312-322.	0.5	6
103	Emended description of Salinivibrio proteolyticus, including Salinivibrio costicola subsp. vallismortis and five new isolates. International Journal of Systematic and Evolutionary Microbiology, 2018, 68, 1599-1607.	1.7	6
104	Taxonomy, Phylogeny, and Biotechnological Interest of the Family Halomonadaceae. , 2011, , 27-64.		4
105	Draft Genome Sequence of the Moderately Halophilic Bacterium Pseudoalteromonas ruthenica Strain CP76. Genome Announcements, 2013, 1, .	0.8	2
106	Draft Genome Sequence of Saccharomonospora piscinae KCTC 19743 T , an Actinobacterium Containing Secondary Metabolite Biosynthetic Gene Clusters. Microbiology Resource Announcements, 2020, 9, .	0.6	1