

Aharon Oren

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469
papers

14,606
citations

57
h-index

111
g-index

513
ext. papers

24,083
ext. citations

3
avg, IF

7.4
L-index

#	Paper	IF	Citations
469	Proposed minimal standards for the use of genome data for the taxonomy of prokaryotes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 461-466	2.2	1279
468	Biology of moderately halophilic aerobic bacteria. <i>Microbiology and Molecular Biology Reviews</i> , 1998 , 62, 504-44	13.2	905
467	Bioenergetic aspects of halophilism. <i>Microbiology and Molecular Biology Reviews</i> , 1999 , 63, 334-48	13.2	714
466	Microbial life at high salt concentrations: phylogenetic and metabolic diversity. <i>Saline Systems</i> , 2008 , 4, 2		529
465	A proposed genus boundary for the prokaryotes based on genomic insights. <i>Journal of Bacteriology</i> , 2014 , 196, 2210-5	3.5	428
464	Salinibacter ruber gen. nov., sp. nov., a novel, extremely halophilic member of the Bacteria from saltern crystallizer ponds. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2002 , 52, 485-91	2.2	362
463	Industrial and environmental applications of halophilic microorganisms. <i>Environmental Technology (United Kingdom)</i> , 2010 , 31, 825-34	2.6	325
462	Mycosporines and mycosporine-like amino acids: UV protectants or multipurpose secondary metabolites?. <i>FEMS Microbiology Letters</i> , 2007 , 269, 1-10	2.9	322
461	Thermodynamic limits to microbial life at high salt concentrations. <i>Environmental Microbiology</i> , 2011 , 13, 1908-23	5.2	258
460	A hundred years of Dunaliella research: 1905-2005. <i>Saline Systems</i> , 2005 , 1, 2		241
459	Molecular ecology of extremely halophilic Archaea and Bacteria. <i>FEMS Microbiology Ecology</i> , 2002 , 39, 1-7	4.3	206
458	Is there a common water-activity limit for the three domains of life?. <i>ISME Journal</i> , 2015 , 9, 1333-51	11.9	173
457	The polar lipid composition of walsby's square bacterium. <i>FEMS Microbiology Letters</i> , 1996 , 138, 135-140	2.9	172
456	The ecology of the extremely halophilic archaea. <i>FEMS Microbiology Reviews</i> , 1994 , 13, 415-439	15.1	168
455	Mycosporine-like amino acids as osmotic solutes in a community of halophilic cyanobacteria. <i>Geomicrobiology Journal</i> , 1997 , 14, 231-240	2.5	159
454	Strategies of adaptation of microorganisms of the three domains of life to high salt concentrations. <i>FEMS Microbiology Reviews</i> , 2018 , 42, 353-375	15.1	148
453	Community composition of a hypersaline endoevaporitic microbial mat. <i>Applied and Environmental Microbiology</i> , 2005 , 71, 7352-65	4.8	148

452	Microbial degradation of pollutants at high salt concentrations. <i>Biodegradation</i> , 1992 , 3, 387-398	4.1	147
451	The bioenergetic basis for the decrease in metabolic diversity at increasing salt concentrations: implications for the functioning of salt lake ecosystems. <i>Hydrobiologia</i> , 2001 , 466, 61-72	2.4	138
450	Life at high salt concentrations, intracellular KCl concentrations, and acidic proteomes. <i>Frontiers in Microbiology</i> , 2013 , 4, 315	5.7	129
449	Living with salt: metabolic and phylogenetic diversity of archaea inhabiting saline ecosystems. <i>FEMS Microbiology Letters</i> , 2012 , 330, 1-9	2.9	128
448	Intracellular ion and organic solute concentrations of the extremely halophilic bacterium <i>Salinibacter ruber</i> . <i>Extremophiles</i> , 2002 , 6, 491-8	3	124
447	Intraspecific polymorphism of 16S rRNA genes in two halophilic archaeal genera, <i>Haloarcula</i> and <i>Halomicrobium</i> . <i>Extremophiles</i> , 2009 , 13, 31-7	3	122
446	Occurrence of virus-like particles in the Dead Sea. <i>Extremophiles</i> , 1997 , 1, 143-9	3	117
445	Recommended minimal standards for describing new taxa of the family Halomonadaceae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 2436-2446	2.2	113
444	Microbial and chemical characterization of underwater fresh water springs in the Dead Sea. <i>PLoS ONE</i> , 2012 , 7, e38319	3.7	109
443	Emended descriptions of genera of the family Halobacteriaceae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009 , 59, 637-42	2.2	105
442	Raman spectroscopy of microbial pigments. <i>Applied and Environmental Microbiology</i> , 2014 , 80, 3286-95	4.8	104
441	Nonphotosynthetic Bacteria and the Formation of Carbonates and Evaporites Through Time. <i>Geomicrobiology Journal</i> , 2005 , 22, 27-53	2.5	102
440	Valid publication of names of prokaryotes according to the rules of nomenclature: past history and current practice. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2006 , 56, 2715-2720	2.2	94
439	Prokaryote diversity and taxonomy: current status and future challenges. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2004 , 359, 623-38	5.8	94
438	Halophilic microbial communities and their environments. <i>Current Opinion in Biotechnology</i> , 2015 , 33, 119-24	11.4	91
437	New C(40)-carotenoid acyl glycoside as principal carotenoid in <i>Salinibacter ruber</i> , an extremely halophilic eubacterium. <i>Journal of Natural Products</i> , 2002 , 65, 1340-3	4.9	91
436	Comparative community genomics in the Dead Sea: an increasingly extreme environment. <i>ISME Journal</i> , 2010 , 4, 399-407	11.9	89
435	Interrelationships between <i>Dunaliella</i> and halophilic prokaryotes in saltern crystallizer ponds. <i>Extremophiles</i> , 2008 , 12, 5-14	3	88

434	A proposal for further integration of the cyanobacteria under the Bacteriological Code. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004 , 54, 1895-1902	2.2	87
433	Formation and breakdown of glycine betaine and trimethylamine in hypersaline environments. <i>Antonie Van Leeuwenhoek</i> , 1990 , 58, 291-8	2.1	86
432	Taxonomy of the family Halobacteriaceae: a paradigm for changing concepts in prokaryote systematics. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2012 , 62, 263-271	2.2	85
431	<i>Selenihalanaerobacter shriftii</i> gen. nov., sp. nov., a halophilic anaerobe from Dead Sea sediments that respire selenate. <i>Archives of Microbiology</i> , 2001 , 175, 208-19	3	85
430	Salinity responses of benthic microbial communities in a solar saltern (Eilat, Israel). <i>Applied and Environmental Microbiology</i> , 2004 , 70, 1608-16	4.8	84
429	Fungal life in the extremely hypersaline water of the Dead Sea: first records. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 1998 , 265, 1461-5	4.4	80
428	The contribution of halophilic Bacteria to the red coloration of saltern crystallizer ponds(1). <i>FEMS Microbiology Ecology</i> , 2001 , 36, 123-130	4.3	79
427	A bloom of <i>Dunaliella parva</i> in the Dead Sea in 1992: biological and biogeochemical aspects. <i>Hydrobiologia</i> , 1995 , 297, 173-185	2.4	77
426	Amino acid composition of bulk protein and salt relationships of selected enzymes of <i>Salinibacter ruber</i> , an extremely halophilic bacterium. <i>Extremophiles</i> , 2002 , 6, 217-23	3	75
425	Anaerobic growth of halophilic archaeobacteria by reduction of dimethylsulfoxide and trimethylamine N-oxide. <i>FEMS Microbiology Letters</i> , 1990 , 70, 33-36	2.9	75
424	Taxonomy of halophilic Archaea: current status and future challenges. <i>Extremophiles</i> , 2014 , 18, 825-34	3	73
423	<i>Haladaptatus paucihalophilus</i> gen. nov., sp. nov., a halophilic archaeon isolated from a low-salt, sulfide-rich spring. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 19-24	2.2	73
422	Accumulation of trehalose and sucrose in cyanobacteria exposed to matric water stress. <i>Applied and Environmental Microbiology</i> , 1991 , 57, 645-8	4.8	72
421	Heavy metal resistance in halophilic Bacteria and Archaea. <i>FEMS Microbiology Letters</i> , 2016 , 363,	2.9	69
420	Then and now: a systematic review of the systematics of prokaryotes in the last 80 years. <i>Antonie Van Leeuwenhoek</i> , 2014 , 106, 43-56	2.1	67
419	<i>Clostridium lortetii</i> sp. nov., a halophilic obligatory anaerobic bacterium producing endospores with attached gas vacuoles. <i>Archives of Microbiology</i> , 1983 , 136, 42-48	3	67
418	Perchlorate and halophilic prokaryotes: implications for possible halophilic life on Mars. <i>Extremophiles</i> , 2014 , 18, 75-80	3	64
417	How to be moderately halophilic with broad salt tolerance: clues from the genome of <i>Chromohalobacter salexigens</i> . <i>Extremophiles</i> , 2005 , 9, 275-9	3	60

416	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
415	Haloferax larsenii sp. nov., an extremely halophilic archaeon from a solar saltern. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 717-720	2.2	59
414	The Microbial Ecology of the Dead Sea. <i>Advances in Microbial Ecology</i> , 1988 , 193-229		58
413	Extremely halophilic Archaea from Tuz Lake, Turkey, and the adjacent Kaldirim and Kayacik salterns. <i>World Journal of Microbiology and Biotechnology</i> , 2007 , 23, 309-316	4.4	57
412	Transfer of Clostridium lortetii to a New Genus Sporohalobacter gen. nov. as Sporohalobacter lortetii comb. nov., and Description of Sporohalobacter marismortui sp. nov.. <i>Systematic and Applied Microbiology</i> , 1987 , 9, 239-246	4.2	57
411	List of new names and new combinations previously effectively, but not validly, published. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 3763-3767	2.2	55
410	Salinibacter: an extremely halophilic bacterium with archaeal properties. <i>FEMS Microbiology Letters</i> , 2013 , 342, 1-9	2.9	54
409	Haloplanus natans gen. nov., sp. nov., an extremely halophilic, gas-vacuolate archaeon isolated from Dead Sea-Red Sea water mixtures in experimental outdoor ponds. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2007 , 57, 780-783	2.2	54
408	Mycosporine-2-glycine is the major mycosporine-like amino acid in a unicellular cyanobacterium (Euhalothece sp.) isolated from a gypsum crust in a hypersaline saltern pond. <i>FEMS Microbiology Letters</i> , 2002 , 208, 233-7	2.9	54
407	The ecology of Dunaliella in high-salt environments. <i>Journal of Biological Research</i> , 2014 , 21, 23	2.4	53
406	Structure of euhalothece-362, a novel red-shifted mycosporine-like amino acid, from a halophilic cyanobacterium (Euhalothece sp.). <i>FEMS Microbiology Letters</i> , 2006 , 258, 50-4	2.9	53
405	Proposal to include the rank of phylum in the International Code of Nomenclature of Prokaryotes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 4284-4287	2.2	53
404	Novel sulfonolipid in the extremely halophilic bacterium Salinibacter ruber. <i>Applied and Environmental Microbiology</i> , 2004 , 70, 6678-85	4.8	51
403	Microbial weeds in hypersaline habitats: the enigma of the weed-like Haloferax mediterranei. <i>FEMS Microbiology Letters</i> , 2014 , 359, 134-42	2.9	50
402	Salisaeta longa gen. nov., sp. nov., a red, halophilic member of the Bacteroidetes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2009 , 59, 2571-4	2.2	50
401	Proposal of the suffix -ota to denote phyla. Addendum to 'Proposal to include the rank of phylum in the International Code of Nomenclature of Prokaryotes'. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 967-969	2.2	50
400	Population dynamics of halobacteria in the Dead Sea water column1. <i>Limnology and Oceanography</i> , 1983 , 28, 1094-1103	4.8	47
399	Altererythrobacter atlanticus sp. nov., isolated from deep-sea sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 116-121	2.2	46

398	Microbial communities and processes within a hypersaline gypsum crust in a saltern evaporation pond (Eilat, Israel). <i>Hydrobiologia</i> , 2009 , 626, 15-26	2.4	46
397	A procedure for the enrichment and isolation of Halobacterium. <i>FEMS Microbiology Letters</i> , 1999 , 173, 353-358	2.9	46
396	Microbiological studies in the Dead Sea: future challenges toward the understanding of life at the limit of salt concentrations. <i>Hydrobiologia</i> , 1999 , 405, 1-9	2.4	46
395	Ectothiorhodospira marismortui sp. nov., an obligately anaerobic, moderately halophilic purple sulfur bacterium from a hypersaline sulfur spring on the shore of the Dead Sea. <i>Archives of Microbiology</i> , 1989 , 151, 524-529	3	44
394	Population dynamics of Dunaliella parva in the Dead Sea ¹ . <i>Limnology and Oceanography</i> , 1982 , 27, 201-218	2.8	44
393	Bacteriorhodopsin in a bloom of halobacteria in the Dead Sea. <i>Archives of Microbiology</i> , 1981 , 130, 185-187	2.7	43
392	Estimation of the contribution of halobacterial to the bacterial biomass and activity in solar salterns by the use of bile salts. <i>FEMS Microbiology Letters</i> , 1990 , 73, 41-47	2.9	42
391	Cyanobacteria in hypersaline environments: biodiversity and physiological properties. <i>Biodiversity and Conservation</i> , 2015 , 24, 781-798	3.4	41
390	Valid publication of the names of forty-two phyla of prokaryotes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021 , 71,	2.2	41
389	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
388	Isolation and structure determination of a novel compatible solute from the moderately halophilic purple sulfur bacterium Ectothiorhodospira marismortui. <i>FEBS Journal</i> , 1991 , 198, 593-8	2.8	40
387	Haloferax sulfurifontis sp. nov., a halophilic archaeon isolated from a sulfide- and sulfur-rich spring. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004 , 54, 2275-2279	2.2	39
386	Amino acid signatures of salinity on an environmental scale with a focus on the Dead Sea. <i>Environmental Microbiology</i> , 2010 , 12, 2613-23	5.2	38
385	Potential and limits of Raman spectroscopy for carotenoid detection in microorganisms: implications for astrobiology. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2014 , 372,	3	37
384	Halophilic archaea on Earth and in space: growth and survival under extreme conditions. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2014 , 372,	3	37
383	Taxonomic study of Halorubrum distributum and proposal of Halorubrum terrestre sp. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2004 , 54, 389-392	2.2	37
382	Clostridium difficile and Clostridioides difficile: Two validly published and correct names. <i>Anaerobe</i> , 2018 , 52, 125-126	2.8	36
381	Chaophilic or chaotolerant fungi: a new category of extremophiles?. <i>Frontiers in Microbiology</i> , 2014 , 5, 708	5.7	36

380	Characterization of extremely halophilic Archaea isolated from the Ayvalik Saltern, Turkey. <i>World Journal of Microbiology and Biotechnology</i> , 2004 , 20, 719-725	4.4	35
379	Unsaturated fatty acid composition and biosynthesis in <i>Oscillatoria limnetica</i> and other cyanobacteria. <i>Archives of Microbiology</i> , 1985 , 141, 138-142	3	35
378	The current status of cyanobacterial nomenclature under the "prokaryotic" and the "botanical" code. <i>Antonie Van Leeuwenhoek</i> , 2017 , 110, 1257-1269	2.1	34
377	Phylogenetic framework for the phylum Tenericutes based on genome sequence data: proposal for the creation of a new order Mycoplasmoidales ord. nov., containing two new families Mycoplasmoidaceae fam. nov. and Metamycoplasmataceae fam. nov. harbouring Eperythrozoon, Ureaplasma and five novel genera. <i>Antonie Van Leeuwenhoek</i> , 2018 , 111, 1583-1630	2.1	34
376	NaCl-saturated brines are thermodynamically moderate, rather than extreme, microbial habitats. <i>FEMS Microbiology Reviews</i> , 2018 , 42, 672-693	15.1	34
375	Selective enrichment, isolation and molecular detection of <i>Salinibacter</i> and related extremely halophilic Bacteria from hypersaline environments. <i>Hydrobiologia</i> , 2007 , 576, 3-13	2.4	34
374	Availability, uptake and turnover of glycerol in hypersaline environments. <i>FEMS Microbiology Ecology</i> , 1993 , 12, 15-23	4.3	34
373	Characterization of the dominant halophilic archaea in a bacterial bloom in the dead sea. <i>FEMS Microbiology Ecology</i> , 1993 , 12, 249-256	4.3	34
372	List of new names and new combinations previously effectively, but not validly, published. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 2463-2466	2.2	34
371	Cyanobacterial systematics and nomenclature as featured in the International Bulletin of Bacteriological Nomenclature and Taxonomy / International Journal of Systematic Bacteriology / International Journal of Systematic and Evolutionary Microbiology. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011 , 61, 10-15	2.2	33
370	Dihydroxyacetone metabolism in <i>Salinibacter ruber</i> and in <i>Haloquadratum walsbyi</i> . <i>Extremophiles</i> , 2008 , 12, 125-31	3	33
369	Raman spectroscopy in halophile research. <i>Frontiers in Microbiology</i> , 2013 , 4, 380	5.7	32
368	<i>Halopelagius inordinatus</i> 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
367	Glycerol metabolism in the extremely halophilic bacterium <i>Salinibacter ruber</i> . <i>FEMS Microbiology Letters</i> , 2004 , 232, 211-5	2.9	32
366	Dynamics of a bloom of halophilic archaea in the Dead Sea. <i>Hydrobiologia</i> , 1995 , 315, 149-158	2.4	32
365	Factors determining the development of algal and bacterial blooms in the Dead Sea: a study of simulation experiments in outdoor ponds. <i>FEMS Microbiology Letters</i> , 1985 , 31, 229-237	2.9	32
364	List of new names and new combinations previously effectively, but not validly, published. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 4299-4305	2.2	32
363	Glycerol metabolism in hypersaline environments. <i>Environmental Microbiology</i> , 2017 , 19, 851-863	5.2	31

362	On the red coloration of saltern crystallizer ponds. II. Additional evidence for the contribution of halobacterial pigments. <i>International Journal of Salt Lake Research</i> , 1994 , 3, 9-13		30
361	List of new names and new combinations previously effectively, but not validly, published. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 3379-3393	2.2	30
360	Comparisons of the polar lipid and pigment profiles of two solar salterns located in Newark, California, USA, and Eilat, Israel. <i>Extremophiles</i> , 2000 , 4, 259-65	3	29
359	Nomenclature of the cyanophyta/cyanobacteria/cyanoprokaryotes under the International Code of Nomenclature of Prokaryotes. <i>Algological Studies</i> , 2005 , 117, 39-52		28
358	Halocins: are they involved in the competition between halobacteria in saltern ponds?. <i>Extremophiles</i> , 2000 , 4, 35-41	3	28
357	The role of glycerol in the nutrition of halophilic archaeal communities: a study of respiratory electron transport. <i>FEMS Microbiology Ecology</i> , 1995 , 16, 281-290	4.3	28
356	Bacteriorhodopsin-mediated CO ₂ photoassimilation in the Dead Sea ¹ . <i>Limnology and Oceanography</i> , 1983 , 28, 33-41	4.8	28
355	The function of gas vesicles in halophilic archaea and bacteria: theories and experimental evidence. <i>Life</i> , 2012 , 3, 1-20	3	27
354	The use of protein synthesis inhibitors in the estimation of the contribution of halophilic archaeobacteria to bacterial activity in hypersaline environments. <i>FEMS Microbiology Letters</i> , 1990 , 73, 187-192	2.9	27
353	Lists of names of prokaryotic taxa. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 3956-4042	2.2	27
352	Genomic-based taxonomic classification of the family. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 4470-4495	2.2	27
351	Acid-shifted isoelectric point profiles of the proteins in a hypersaline microbial mat: an adaptation to life at high salt concentrations?. <i>Extremophiles</i> , 2012 , 16, 787-92	3	26
350	Muricauda antarctica sp. nov., a marine member of the Flavobacteriaceae isolated from Antarctic seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 3451-3456	2.2	26
349	List of new names and new combinations previously effectively, but not validly, published. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 3931-3934	2.2	26
348	Diversity of Halophiles 2011 , 309-325		25
347	Kordiimonas lacus sp. nov., isolated from a ballast water tank, and emended description of the genus Kordiimonas. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011 , 61, 422-426	2.2	25
346	Fungal life in the dead sea. <i>Progress in Molecular and Subcellular Biology</i> , 2012 , 53, 115-32	3	25
345	Sugar metabolism in the extremely halophilic bacterium <i>Salinibacter ruber</i> . <i>FEMS Microbiology Letters</i> , 2003 , 223, 83-7	2.9	25

344	The Expected Impact of the Peace Conduit Project (The Red Sea Dead Sea Pipeline) on the Dead Sea. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2005 , 10, 3-22	3.9	25
343	<i>Haloterrigena saccharevitans</i> sp. nov., an extremely halophilic archaeon from Xin-Jiang, China. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2005 , 55, 2539-2542	2.2	25
342	The amino acid composition of proteins from anaerobic halophilic bacteria of the order Halanaerobiales. <i>Extremophiles</i> , 2012 , 16, 567-72	3	24
341	The fatty acid synthetase complex of <i>Haloanaerobium praevalens</i> is not inhibited by salt. <i>FEMS Microbiology Letters</i> , 1993 , 108, 287-290	2.9	24
340	Thymidine incorporation in saltern ponds of different salinities: Estimation of in situ growth rates of halophilic archaeobacteria and eubacteria. <i>Microbial Ecology</i> , 1990 , 19, 43-51	4.4	24
339	List of new names and new combinations previously effectively, but not validly, published. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 2960-2966	2.2	24
338	Prokaryotic taxonomy and nomenclature in the age of big sequence data. <i>ISME Journal</i> , 2021 , 15, 1879-1893	18.9	24
337	A plea for linguistic accuracy - also for Candidatus taxa. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 1085-1094	2.2	23
336	<i>Halomonas zincidurans</i> sp. nov., a heavy-metal-tolerant bacterium isolated from the deep-sea environment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 4230-4236	2.2	22
335	Red, Extremely Halophilic, but not Archaeal: The Physiology and Ecology of <i>Salinibacter ruber</i> , a Bacterium Isolated from Saltern Crystallizer Ponds 2004 , 63-76		22
334	<i>Brevirhabdus pacifica</i> gen. nov., sp. nov., isolated from deep-sea sediment in a hydrothermal vent field. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 3645-3651	2.2	22
333	List of new names and new combinations previously effectively, but not validly, published. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 1603-1606	2.2	22
332	<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	2.2	21
331	Occurrence of two different glutamate dehydrogenase activities in the halophilic bacterium <i>Salinibacter ruber</i> . <i>FEMS Microbiology Letters</i> , 2003 , 226, 181-6	2.9	21
330	Proposal to change General Consideration 5 and Principle 2 of the International Code of Nomenclature of Prokaryotes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 309-310	2.2	21
329	List of new names and new combinations previously effectively, but not validly, published. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 1411-1417	2.2	21
328	Extensive microbial diversity within the chicken gut microbiome revealed by metagenomics and culture. <i>PeerJ</i> , 2021 , 9, e10941	3.1	21
327	The acylhalocapnines of halophilic bacteria: structural details of unusual sulfonate sphingoids. <i>Journal of Lipid Research</i> , 2010 , 51, 1878-85	6.3	20

326	Characterization of the endoevaporitic microbial communities in a hypersaline gypsum crust by fatty acid analysis. <i>Hydrobiologia</i> , 2007 , 576, 15-26	2.4	20
325	Bacterial activities in the Dead Sea, 1980-1991: survival at the upper limit of salinity. <i>International Journal of Salt Lake Research</i> , 1992 , 1, 7-20		20
324	List of new names and new combinations previously effectively, but not validly, published. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 3761-3764	2.2	20
323	List of new names and new combinations previously effectively, but not validly, published. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 5-9	2.2	20
322	List of new names and new combinations previously effectively, but not validly, published. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 2184-2187	2.2	19
321	Use of Raman spectroscopy for identification of compatible solutes in halophilic bacteria. <i>Extremophiles</i> , 2012 , 16, 507-14	3	19
320	Glycine betaine is the main organic osmotic solute in a stratified microbial community in a hypersaline evaporitic gypsum crust. <i>Extremophiles</i> , 2013 , 17, 445-51	3	19
319	List of new names and new combinations previously effectively, but not validly, published. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 1455-1458	2.2	19
318	Request for revision of the Statutes of the International Committee on Systematics of Prokaryotes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 584-593	2.2	19
317	Characterization of polar membrane lipids of the extremely halophilic bacterium <i>Salinibacter ruber</i> and possible role of cardiolipin. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2009 , 1791, 25-31	5	18
316	The rise and decline of a bloom of halobacteria in the Dead Sea ¹ . <i>Limnology and Oceanography</i> , 1985 , 30, 911-915	4.8	18
315	Raman spectrometric discrimination of flexirubin pigments from two genera of Bacteroidetes. <i>FEMS Microbiology Letters</i> , 2013 , 348, 97-102	2.9	17
314	Dynamics and persistence of Dead Sea microbial populations as shown by high-throughput sequencing of rRNA. <i>Applied and Environmental Microbiology</i> , 2012 , 78, 2489-92	4.8	17
313	List of novel names and novel combinations previously effectively, but not validly, published. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 2075-2078	2.2	17
312	The Aral Sea and the Dead Sea: Disparate lakes with similar histories. <i>Lakes and Reservoirs: Research and Management</i> , 2010 , 15, 223-236	1.2	16
311	<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
310	Buoyancy studies in natural communities of square gas-vacuolate archaea in saltern crystallizer ponds. <i>Saline Systems</i> , 2006 , 2, 4		16
309	List of new names and new combinations previously effectively, but not validly, published. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 3603-3606	2.2	16

308	A phylogenomic and molecular markers based taxonomic framework for members of the order Entomoplasmatales: proposal for an emended order Mycoplasmatales containing the family Spiroplasmataceae and emended family Mycoplasmataceae comprised of six genera. <i>Antonie Van Leeuwenhoek</i> , 2019 , 112, 561-588	2.1	16
307	Uncultivated microbes-in need of their own nomenclature?. <i>ISME Journal</i> , 2018 , 12, 309-311	11.9	15
306	Composition changes of phototrophic microbial communities along the salinity gradient in the solar saltern evaporation ponds of Eilat, Israel. <i>Hydrobiologia</i> , 2009 , 636, 77-88	2.4	15
305	Uptake and turnover of acetate in hypersaline environments. <i>FEMS Microbiology Ecology</i> , 2006 , 18, 75-84.	4.3	15
304	List of new names and new combinations previously effectively, but not validly, published. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 529-531	2.2	15
303	The Next Million Names for Archaea and Bacteria. <i>Trends in Microbiology</i> , 2021 , 29, 289-298	12.4	15
302	Raman spectroscopic study of the Chromobacterium violaceum pigment violacein using multiwavelength excitation and DFT calculations. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 151, 459-67	4.4	14
301	Trophic Selective Pressures Organize the Composition of Endolithic Microbial Communities From Global Deserts. <i>Frontiers in Microbiology</i> , 2019 , 10, 2952	5.7	14
300	Pyruvate: A key Nutrient in Hypersaline Environments?. <i>Microorganisms</i> , 2015 , 3, 407-16	4.9	14
299	Detection of pigments of halophilic endoliths from gypsum: Raman portable instrument and European Space Agency's prototype analysis. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2014 , 372,	3	14
298	There Must be an Acetogen Somewhere. <i>Frontiers in Microbiology</i> , 2012 , 3, 22	5.7	14
297	List of new names and new combinations previously effectively, but not validly, published. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 3131-3134	2.2	14
296	Roseivivax pacificus sp. nov., isolated from deep-sea sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 4574-4579	2.2	14
295	Nomenclature of the Cyanophyta/Cyanobacteria/Cyanoprokaryotes: What has happened since IAC Luxembourg?. <i>Algological Studies (Stuttgart, Germany: 2007)</i> , 2009 , 130, 17-26	1	14
294	Distribution of glycerol dehydrogenase and glycerol kinase activity in halophilic archaea. <i>FEMS Microbiology Letters</i> , 1994 , 118, 311-315	2.9	14
293	List of new names and new combinations previously effectively, but not validly, published. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 1-3	2.2	14
292	Pontibacter amylolyticus sp. nov., isolated from a deep-sea sediment hydrothermal vent field. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 1760-1767	2.2	14
291	Effects of nicotine on the biosynthesis of carotenoids in halophilic Archaea (class Halobacteria): an HPLC and Raman spectroscopy study. <i>Extremophiles</i> , 2018 , 22, 359-366	3	13

290	Naming Cyanophyta/Cyanobacteria - a bacteriologist's view.. <i>Fottea</i> , 2011 , 11, 9-16	1.6	13
289	List of new names and new combinations previously effectively, but not validly, published. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 2927-2929	2.2	13
288	Automated analysis of genomic sequences facilitates high-throughput and comprehensive description of bacteria. <i>ISME Communications</i> , 2021 , 1,		13
287	Emendation of Rules 5b, 8, 15 and 22 of the International Code of Nomenclature of Prokaryotes to include the rank of phylum. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021 , 71,	2.2	13
286	Oceanicola antarcticus sp. nov. and Oceanicola flagellatus sp. nov., moderately halophilic bacteria isolated from seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 2975-2979 ^{2,2}		12
285	Past, present and future of saline lakes: research for global sustainable development. <i>Chinese Journal of Oceanology and Limnology</i> , 2015 , 33, 1349-1353		12
284	Salts and Brines 2012 , 401-426		12
283	Sensitivity of Haloquadratum and Salinibacter to antibiotics and other inhibitors: implications for the assessment of the contribution of Archaea and Bacteria to heterotrophic activities in hypersaline environments. <i>FEMS Microbiology Ecology</i> , 2008 , 63, 309-15	4.3	12
282	Biodiversity in Highly Saline Environments 221-231		12
281	List of new names and new combinations previously effectively, but not validly, published. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 1095-1098	2.2	12
280	List of new names and new combinations previously effectively, but not validly, published. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 4043-4049	2.2	12
279	Comparison of Miniaturized Raman Spectrometers for Discrimination of Carotenoids of Halophilic Microorganisms. <i>Frontiers in Microbiology</i> , 2019 , 10, 1155	5.7	11
278	Alkaliphilus halophilus sp. nov., a strictly anaerobic and halophilic bacterium isolated from a saline lake, and emended description of the genus Alkaliphilus. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010 , 60, 2898-2902	2.2	11
277	Typing of halophilic Archaea and characterization of their cell surface carbohydrates by use of lectins. <i>FEMS Microbiology Letters</i> , 1998 , 163, 91-7	2.9	11
276	International Committee on Systematics of Prokaryotes Subcommittee on the taxonomy of Halobacteriaceae and subcommittee on the taxonomy of Halomonadaceae. Minutes of the joint open meeting, 23 May 2016, San Juan, Puerto Rico. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 4291-4295	2.2	11
275	List of new names and new combinations previously effectively, but not validly, published. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 3140-3143	2.2	11
274	List of new names and new combinations previously effectively, but not validly, published. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 2707-2709	2.2	11
273	Insight into the function and evolution of the Wood-Ljungdahl pathway in Actinobacteria. <i>ISME Journal</i> , 2021 , 15, 3005-3018	11.9	11

272	Preparing a revision of the International Code of Nomenclature of Prokaryotes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021 , 71,	2.2	11
271	Using a portable Raman spectrometer to detect carotenoids of halophilic prokaryotes in synthetic inclusions in NaCl, KCl, and sulfates. <i>Analytical and Bioanalytical Chemistry</i> , 2018 , 410, 4437-4443	4.4	10
270	Probing single cells of purple sulfur bacteria with Raman spectroscopy: carotenoids and elemental sulfur. <i>FEMS Microbiology Letters</i> , 2015 , 362,	2.9	10
269	Raman spectra of osmotic solutes of halophiles. <i>Journal of Raman Spectroscopy</i> , 2012 , 43, 1134-1140	2.3	10
268	Notification of changes in taxonomic opinion previously published outside the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 2081-2086	2.2	10
267	List of new names and new combinations previously effectively, but not validly, published. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 693-694	2.2	10
266	Notification of changes in taxonomic opinion previously published outside the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 13-32	2.2	10
265	Public discussion on a proposed revision of the International Code of Nomenclature of Prokaryotes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021 , 71,	2.2	10
264	<i>Fabibacter pacificus</i> sp. nov., a moderately halophilic bacterium isolated from seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 3710-3714	2.2	9
263	Comparative metabolic diversity in two solar salterns. <i>Hydrobiologia</i> , 2001 , 466, 73-80	2.4	9
262	The role of the outer membrane in formaldehyde tolerance in <i>Escherichia coli</i> VU3695 and <i>Halomonas</i> sp. MAC. <i>Microbiology (United Kingdom)</i> , 1996 , 142 (Pt 5), 1249-1254	2.9	9
261	The Family Kordiimonadaceae 2014 , 307-312		9
260	Proposal to modify Rule 10a of the International Code of Nomenclature of Prokaryotes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 3919-3919	2.2	9
259	List of new names and new combinations previously effectively, but not validly, published. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 2627-2629	2.2	9
258	List of new names and new combinations previously effectively, but not validly, published. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 1-5	2.2	9
257	Candidatus List No. 2. Lists of names of prokaryotic taxa. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021 , 71,	2.2	9
256	Life in Hypersaline Environments. <i>Advances in Environmental Microbiology</i> , 2016 , 301-339	1.3	9
255	Life at High Salt and Low Oxygen: How Do the Halobacteriaceae Cope with Low Oxygen Concentrations in Their Environment?. <i>Cellular Origin and Life in Extreme Habitats</i> , 2013 , 531-548		8

254	A Century of Dunaliella Research: 1905–2005 2005 , 491-502		8
253	Notes on the use of Greek word roots in genus and species names of prokaryotes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 2129-2140	2.2	8
252	Implementation of Rule 8 of the International Code of Nomenclature of Prokaryotes for the renaming of classes. Request for an Opinion. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 4296-4298	2.2	8
251	List of new names and new combinations previously effectively, but not validly, published. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 1-3	2.2	8
250	List of new names and new combinations previously effectively, but not validly, published. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 2130-2133	2.2	8
249	List of new names and new combinations previously effectively, but not validly, published. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 1247-1250	2.2	8
248	Predominance of deterministic microbial community dynamics in salterns exposed to different light intensities. <i>Environmental Microbiology</i> , 2019 , 21, 4300-4315	5.2	7
247	'Red - the magic color for solar salt production' - but since when?. <i>FEMS Microbiology Letters</i> , 2019 , 366,	2.9	7
246	Dead Sea rhodopsins revisited. <i>Environmental Microbiology Reports</i> , 2012 , 4, 617-21	3.7	7
245	How to Name New Genera and Species of Prokaryotes?. <i>Methods in Microbiology</i> , 2011 , 437-463	2.8	7
244	Tolerance of extremely halophilic archaeobacteria towards bromide. <i>Current Microbiology</i> , 1989 , 19, 371-374		7
243	Salt to conserve: a review on the ecology and preservation of hypersaline ecosystems. <i>Biological Reviews</i> , 2021 , 96, 2828-2850	13.5	7
242	Analysis of the bacteriorhodopsin-producing haloarchaea reveals a core community that is stable over time in the salt crystallizers of Eilat, Israel. <i>Extremophiles</i> , 2016 , 20, 747-57	3	6
241	Expression and functioning of retinal-based proton pumps in a saltern crystallizer brine. <i>Extremophiles</i> , 2016 , 20, 69-77	3	6
240	DNA as genetic material and as a nutrient in halophilic Archaea. <i>Frontiers in Microbiology</i> , 2014 , 5, 539	5.7	6
239	International Committee on Systematics of Prokaryotes Subcommittee on the taxonomy of Halobacteriaceae and Subcommittee on the taxonomy of Halomonadaceae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2010 , 60, 2257-2259	2.2	6
238	Nomenclature and taxonomy of halophilic archaea--comments on the proposal by DasSarma and DasSarma for nomenclatural changes within the order Halobacteriales. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2008 , 58, 2245-6	2.2	6
237	Fatty acid analysis of a layered community of cyanobacteria developing in a hypersaline gypsum crust. <i>Algological Studies</i> , 2005 , 117, 339-347		6

236	The expected impact of the Peace Conduit Project (the Red Sea - Dead Sea pipeline) on the Dead Sea. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2005 , 10, 759-777	3.9	6
235	Microscopic Examination of Microbial Communities Along a Salinity Gradient in Saltern Evaporation Ponds: A Halophilic Safari 2005 , 41-57		6
234	Osmotic adaptation of microbial communities in hypersaline microbial mats 1994 , 125-130		6
233	The correct name of the type species of the genus <i>Methanocorpusculum</i> . Request for an Opinion. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 2013-2014	2.2	6
232	List of new names and new combinations previously effectively, but not validly, published. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 693-696	2.2	6
231	List of new names and new combinations previously effectively, but not validly, >published. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 1913-1915	2.2	6
230	Formation of names of genera of prokaryotes that end on -oides or -opsis. A proposal for addenda to Rule 65(2) and Appendix 9 of the International Code of Nomenclature of Prokaryotes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 2452-2453	2.2	6
229	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 66, part 9, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 4921-4923	2.2	6
228	<i>Minwuiia thermotolerans</i> gen. nov., sp. nov., a marine bacterium forming a deep branch in the Alphaproteobacteria, and proposal of <i>Minwuiaceae</i> fam. nov. and <i>Minwuiiales</i> ord. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 3856-3862	2.2	6
227	List of new names and new combinations previously effectively, but not validly, published. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 1844-1846	2.2	6
226	Three alternative proposals to amend the Rules of the International Code of Nomenclature of Prokaryotes to resolve the status of the in the prokaryotic nomenclature. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 4406-4408	2.2	6
225	List of new names and new combinations that have appeared in effective publications outside of the IJSEM and are submitted for valid publication. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 4844-4847	2.2	6
224	Validation of the Generic Name <i>Gloeobacter</i> Rippka et al. 1974, Cyanophyceae. <i>Cryptogamie, Algologie</i> , 2013 , 34, 255-262	0.7	5
223	Salty sisters: The women of halophiles. <i>Frontiers in Microbiology</i> , 2014 , 5, 192	5.7	5
222	Cyanobacteria: biology, ecology and evolution 2013 , 1-20		5
221	Microbial Systematics 2010 , 81-120		5
220	Valid publication of new names and new combinations effectively published outside the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021 , 71,	2.2	5
219	International Committee on Systematics of Prokaryotes Subcommittee on the taxonomy of Halobacteriaceae and Subcommittee on the taxonomy of Halomonadaceae. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2011 , 61, 2792-2795	2.2	5

218	List of new names and new combinations previously effectively, but not validly, published. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 4291-4293	2.2	5
217	List of new names and new combinations previously effectively, but not validly, published. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 1-2	2.2	5
216	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 68, part 1, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 979-981	2.2	5
215	Notification of changes in taxonomic opinion previously published outside the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 2137-2138	2.2	5
214	Preparation of the Validation Lists and the role of the List Editors. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 3-4	2.2	5
213	List of new names and new combinations previously effectively, but not validly, published. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 597-599	2.2	5
212	List of new names and new combinations previously effectively, but not validly, published. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 3313-3314	2.2	5
211	List of new names and new combinations that have appeared in effective publications outside of the IJSEM and are submitted for valid publication. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 5596-5600	2.2	5
210	The microbiology of red brines. <i>Advances in Applied Microbiology</i> , 2020 , 113, 57-110	4.9	5
209	Nascent Genomic Evolution and Allopatric Speciation of <i>Myroides profundus</i> D25 in Its Transition from Land to Ocean. <i>MBio</i> , 2016 , 7, e01946-15	7.8	5
208	The pink pigment prodigiosin: Vibrational spectroscopy and DFT calculations. <i>Dyes and Pigments</i> , 2016 , 134, 234-243	4.6	5
207	Detection of carotenoids of halophilic prokaryotes in solid inclusions inside laboratory-grown chloride and sulfate crystals using a portable Raman spectrometer: applications for Mars exploration. <i>FEMS Microbiology Letters</i> , 2019 , 366,	2.9	5
206	Trophic Specialization Results in Genomic Reduction in Free-Living Marine Bacteria. <i>MBio</i> , 2019 , 10,	7.8	5
205	Emendation of General Consideration 5 and Rules 18a, 24a and 30 of the International Code of Nomenclature of Prokaryotes to resolve the status of the in the prokaryotic nomenclature. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021 , 71,	2.2	5
204	Anammox revisited: thermodynamic considerations in early studies of the microbial nitrogen cycle. <i>FEMS Microbiology Letters</i> , 2015 , 362, fnv114	2.9	4
203	Proposal to designate the order Actinomycetales Buchanan 1917, 162 (Approved Lists 1980) as the nomenclatural type of the class Actinobacteria. Request for an Opinion. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 3687-3688	2.2	4
202	<i>Halanaerobium</i> 2015 , 1-8		4
201	(2194) Proposal to conserve the name <i>Gloeobacter violaceus</i> against <i>Aphanothece caldariorum</i> , <i>Gloeothece coerulea</i> , and <i>Gloeothece linearis</i> (Cyanophyceae). <i>Taxon</i> , 2013 , 62, 1055-1055	0.8	4

200	Problems associated with the taxonomic validation of the cyanobacterial genus <i>Halothece</i> by Margheri et al. 2008, <i>Phycologia</i> 47: 477-486. <i>Phycologia</i> , 2009 , 48, 313-314	2.7	4
199	Notification of changes in taxonomic opinion previously published outside the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 2469-2470	2.2	4
198	International Committee on Systematics of Prokaryotes Subcommittee on the taxonomy of Halobacteria and Subcommittee on the taxonomy of Halomonadaceae. Minutes of the joint open meeting, 11 July 2017, Valencia, Spain. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 4279-4283	2.2	4
197	Naming classes of prokaryotes based on the rules of Latin grammar. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 1526-1527	2.2	4
196	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 69, part 5 of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 2177-2178	2.2	4
195	Registration of names of prokaryotic Candidatus taxa in the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 3955	2.2	4
194	List of new names and new combinations previously effectively, but not validly, published. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 1443-1446	2.2	4
193	Reclassification of the genus : proposal of two new genera, gen. nov. to accommodate and gen. nov. to accommodate and. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 3399-3405	2.2	4
192	Notification of changes in taxonomic opinion previously published outside the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 4061-4090	2.2	4
191	Probing Saltern Brines with an Oxygen Electrode: What Can We Learn about the Community Metabolism in Hypersaline Systems?. <i>Life</i> , 2016 , 6,	3	4
190	Reclassification of <i>Halomonas caseinilytica</i> Wu et al. 2008 as a later synonym of <i>Halomonas sinaiensis</i> -Comments on the proposal by Hwang et al., <i>Antonie van Leeuwenhoek</i> 109:1345-1352, 2016. <i>Antonie Van Leeuwenhoek</i> , 2017 , 110, 171	2.1	3
189	<i>Halobacteria</i> 2017 , 1-5		3
188	<i>Haloarculaceae</i> 2017 , 1-5		3
187	Comments on: "A polyphasic approach leading to the revision of the genus <i>Planktothrix</i> (Cyanobacteria) and its type species, <i>P. agardhii</i> , and proposal for integrating the emended valid botanical taxa, as well as three new species, <i>Planktothrix paucivesiculata</i> sp. nov.(ICNP), <i>Planktothrix lepidota</i> sp. nov.(ICNP), and <i>Planktothrix serita</i> sp. nov.(ICNP), as genus and species	4.2	3
186	Proposal to modify Rule 27 of the International Code of Nomenclature of Prokaryotes. and N. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 2342-2343. <i>Journal of Systematic Microbiology</i> , 2015 , 38, 159-60	2.2	3
185	Prokaryotic names: the bold and the beautiful. <i>FEMS Microbiology Letters</i> , 2020 , 367,	2.9	3
184	<i>Natronorubrum</i> 2015 , 1-4		3
183	Approaches Toward the Study of Halophilic Microorganisms in Their Natural Environments: Who Are They and What Are They Doing? 2012 , 1-33		3

182	Gas vesicles isolated from Halobacterium cells by lysis in hypotonic solution are structurally weakened. <i>FEMS Microbiology Letters</i> , 2005 , 252, 337-41	2.9	3
181	Production of d-lactate, acetate, and pyruvate from glycerol in communities of halophilic archaea in the Dead Sea and in saltern crystallizer ponds. <i>FEMS Microbiology Ecology</i> , 1994 , 14, 147-155	4.3	3
180	Proposal to emend Rules 50a and 50b of the International Code of Nomenclature of Prokaryotes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 3371-3376	2.2	3
179	Notification that new names of prokaryotes, new combinations and new taxonomic opinions have appeared in volume 64, part 3, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 1827-1829	2.2	3
178	On names of genera of prokaryotes that are later homonyms of generic names with standing in the zoological or the botanical nomenclature. Proposal of Neomegalonema gen. nov. and Neomegalonema perideroedes comb. nov. as replacements for the prokaryotic generic name	2.2	3
177	Meganema and the species name Meganema perideroedes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 3657-3661 International Committee on Systematics of Prokaryotes subcommittee on the taxonomy of and subcommittee on the taxonomy of. Minutes of the joint open meeting, 26 June 2019, Cluj-Napoca, Romania. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 3657-3661	2.2	3
176	List of new names and new combinations that have appeared in effective publications outside of the IJSEM and are submitted for valid publication. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 71,	2.2	3
175	Proposal to modify the Note to Rule 61 of the International Code of Nomenclature of Prokaryotes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 3307-3309	2.2	3
174	Proposal to modify Rule 10a and to delete Recommendation 10a(3) from the International Code of Nomenclature of Prokaryotes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 3683-3684	2.2	3
173	Ecology and physiology of halophilic microorganisms - Thematic issue based on papers presented at Halophiles 2019 - 12th International Conference on Halophilic Microorganisms, Cluj-Napoca, Romania, 24-28 June, 2019. <i>FEMS Microbiology Letters</i> , 2019 , 366,	2.9	3
172	Naming novel prokaryotic taxa discovered in the human gut. <i>Gut</i> , 2020 , 69, 969-970	19.2	3
171	ICSP response to 'Science depends on nomenclature, but nomenclature is not science'.. <i>Nature Reviews Microbiology</i> , 2022 , 20, 249-250	22.2	3
170	Comments on Taxonomy of cyanobacteria: a contribution to consensus approach[]by K. A. Palinska and W. Surosz (Hydrobiologia 740: 1-2, 2014, doi:10.1007/s10750-014-1971-9). <i>Hydrobiologia</i> , 2015 , 758, 1-2	2.4	2
169	Teaching microbiology to undergraduate students in the humanities and the social sciences. <i>FEMS Microbiology Letters</i> , 2015 , 362,	2.9	2
168	Limnological instrumentation in the middle of the 19th century: the first temperature and density profiles measured in the Dead Sea. <i>Chinese Journal of Oceanology and Limnology</i> , 2015 , 33, 1496-1504		2
167	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 64, part 11, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 323-324	2.2	2
166	Halobacterium salinarum strain MMD047-A low-salt adapted member of the Halobacteriaceae?. <i>Biotechnology and Bioprocess Engineering</i> , 2009 , 14, 869-870	3.1	2
165	Two and a Half Centuries of Qualitative and Quantitative Chemical Analyses of Dead Sea Water. <i>Israel Journal of Chemistry</i> , 2006 , 46, 69-77	3.4	2

164	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 67, part 11, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 471-473	2.2	2
163	Valid publication of the names <i>Caecibacterium</i> and <i>Caecibacterium sporiformans</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 452-453	2.2	2
162	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 70, part 2 of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 2967-2971	2.2	2
161	Proposal to change the name <i>Rhodoligotrophos</i> Fukuda et al. 2012, 1947 to <i>Rhodoligotrophus</i> . Request for an Opinion. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 3545 ^{2.2}	2.2	2
160	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 65, part 5, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 2343-2344	2.2	2
159	70th Anniversary Collection for the Microbiology Society: International Journal of Systematic and Evolutionary Microbiology. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 4291-4293	2.2	2
158	Notification of changes in taxonomic opinion previously published outside the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 7-8	2.2	2
157	Notification that new names of prokaryotes, new combinations and new taxonomic opinions have appeared in volume 65, part 10, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 4-6	2.2	2
156	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 66, part 2, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 2455	2.2	2
155	Notification of changes in taxonomic opinion previously published outside the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 7-8	2.2	2
154	Notification that new names of prokaryotes, new combinations and new taxonomic opinions have appeared in volume 66, part 11, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 179-182	2.2	2
153	'Localimania' revisited: guidelines for the formation of specific epithets for names of prokaryotes based on names of institutions or their acronyms. A proposal for emendation of Appendix 9 to the International Code of Nomenclature of Prokaryotes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 1619-1619	2.2	2
152	Avoiding 'salami slicing' in publications describing new prokaryotic taxa. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 977-978	2.2	2
151	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 68, part 7, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 3077-3079	2.2	2
150	Formation of compound generic names based on personal names: a proposal for emendation of Appendix 9 of the International Code of Nomenclature of Prokaryotes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 594-596	2.2	2
149	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 70, part 4 of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 4050-4060	2.2	2
148	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 70, part 8 of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 5601-5606	2.2	2
147	Proposal to modify Rule 6, Rule 10a, and Rule 12c of the International Code of Nomenclature of Prokaryotes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 1452-1453	2.2	2

146	Notification that new names of prokaryotes, new combinations and new taxonomic opinions have appeared in volume 65, part 7, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 3233-3234	2.2	2
145	International Committee on Systematics of Prokaryotes Subcommittee on the taxonomy of Halobacteriaceae. Minutes of the closed meeting, 23 May 2016, San Juan, Puerto Rico. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 4289	2.2	2
144	Halobiforma 2016 , 1-8		2
143	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 71, part 9 of the IJSEM.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021 , 71,	2.2	2
142	Haloferacaceae 2017 , 1-5		1
141	Natrialbaceae 2017 , 1-5		1
140	Halorubraceae 2017 , 1-4		1
139	Halobacterium 2017 , 1-12		1
138	Prokaryotic Nomenclature 2019 , 1-12		1
137	How to Name New Taxa of Archaea and Bacteria 2019 , 1-24		1
136	Halanaeroarchaeum 2017 , 1-6		1
135	Halanaerobiaceae 2015 , 1-5		1
134	Halobacteroidaceae 2015 , 1-4		1
133	Halanaerobiales corrig 2015 , 1-7		1
132	The Family Natranaerobiaceae 2014 , 261-266		1
131	Analysis of brown, violet and blue pigments of microorganisms by Raman spectroscopy. <i>TrAC - Trends in Analytical Chemistry</i> , 2022 , 146, 116501	14.6	1
130	Proposal of gen. nov. to replace the illegitimate prokaryotic genus name Chaudhary 2018. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 1319-1320	2.2	1
129	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 68, part 10 of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 10-12	2.2	1

128	Proposal to modify the Rules of the International Code of Nomenclature of Prokaryotes to abolish the taxonomic categories Subfamily, Subtribe and Kingdom. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 1524-1525	2.2	1
127	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 69, part 2 of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 1251-1252	2.2	1
126	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 69, part 3 of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 1529-1530	2.2	1
125	The use of Greek and Latin prepositions and prefixes in compound names: proposed emendation of Appendix 9 of the International Code of Nomenclature of Prokaryotes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 1831-1832	2.2	1
124	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 70, part 1 of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 2167-2173	2.2	1
123	Use of Greek in the prokaryotic nomenclature: proposal to change Principle 3, Recommendation 6, Rule 7, Rule 65 and Appendix 9 of the International Code of Nomenclature of Prokaryotes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 3559-3560	2.2	1
122	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 65, part 3, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 1701-1702	2.2	1
121	Proposal to change Recommendation 12c of the International Code of Nomenclature of Prokaryotes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 4288	2.2	1
120	Notification that new names of prokaryotes, new combinations and new taxonomic opinions have appeared in volume 65, part 11, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 527-529	2.2	1
119	In memoriam - Hans G. Trüper (1936-2016). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 2125	2.2	1
118	International Committee on Systematics of Prokaryotes Subcommittee on the taxonomy of Halomonadaceae, Minutes of the closed meeting, 23 May 2016, San Juan, Puerto Rico. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 4290	2.2	1
117	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 66, part 6, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 3765-3767	2.2	1
116	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 67, part 4, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 2079-2080	2.2	1
115	Notification of changes in taxonomic opinion previously published outside the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 7-8	2.2	1
114	Necessity and rationale for the proposed name changes in the classification of species. Reply to: 'Recommended rejection of the names gen. nov., gen. nov., gen. nov., fam. nov., fam. nov., ord. nov., gen. nov., gen. nov. [Gupta, Sawnani, Adeolu, Alnajar and Oren 2018] and all proposed species comb. nov. placed therein' by M. Balish. (2019 , 69, 3650-3653). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 1431-1438	2.2	1
113	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 64, part 2, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 1459-1460	2.2	1
112	Notification that new names of prokaryotes, new combinations and new taxonomic opinions have appeared in volume 65, part 12, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 1600-1602	2.2	1
111	Validation List No. 169. List of new names and new combinations previously effectively, but not validly, published. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 2456-2458	2.2	1

110	The status of the Notes in the International Code of Nomenclature of Prokaryotes: proposal to emend General Consideration 6. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 3305-3306	2.2	1
109	Proposal to designate <i>Methylothermus subterraneus</i> Hirayama et al. 2011 as the type species of the genus <i>Methylothermus</i> . Request for an Opinion. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 3685	2.2	1
108	Proposal to correct the generic name <i>Flaviaestuariibacter</i> Kang, Chun, Seo, Kim and Jahng 2015, 2212 to <i>Flavaestuariibacter</i> . Request for an Opinion. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 3686	2.2	1
107	Correction of the name <i>Amycolatopsis albidoflavus</i> to <i>Amycolatopsis albidiflava</i> corrig. Request for an Opinion. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 4284	2.2	1
106	Notification that new names of prokaryotes and new combinations have appeared in volume 63, part 9, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 4371-4373	2.2	1
105	Valid publication of new names and new combinations effectively published outside the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021 , 71,	2.2	1
104	<i>Halonotius</i> 2016 , 1-5		1
103	<i>Haloplanus</i> 2016 , 1-10		1
102	<i>Natribaculum</i> 2016 , 1-7		1
101	The moves to 'true continuous publication' at the beginning of 2021: Proposals to emend Rule 24b (2), Note 1 to Rule 27 and Note 2 to Rule 33b of the International Code of Nomenclature of Prokaryotes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021 , 71,	2.2	1
100	Valid publication of new names and new combinations effectively published outside the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021 , 71,	2.2	1
99	Notification of changes in taxonomic opinion previously published outside the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021 , 71,	2.2	1
98	List of new names and new combinations that have appeared in effective publications outside of the IJSEM and are submitted for valid publication. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021 , 71,	2.2	1
97	<i>Anaerobes</i>		1
96	Metagenomic investigation of the equine faecal microbiome reveals extensive taxonomic diversity.. <i>PeerJ</i> , 2022 , 10, e13084	3.1	1
95	On neotypes and nomina nova: commentary on "Comparative analysis of <i>Faecalibacterium prausnitzii</i> genomes shows a high level of genome plasticity and warrants separation into new species-level taxa", by C.B. Fitzgerald et al. (BMC Genomics (2018) 19:931). <i>BMC Genomics</i> , 2020 , 21, 335	4.5	0
94	Life in High-Salinity Environments 2015 , 4.3.2-1-4.3.2-13		0
93	Notification of changes in taxonomic opinion previously published outside the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 9-10	2.2	0

92	sp. nov., a Novel Nitrogen-Fixing Bacterium Affiliated to the Family and Phylogeny of the Family Revisited. <i>Frontiers in Microbiology</i> , 2021 , 12, 755908	5.7	○
91	Notification that new names of prokaryotes, new combinations and new taxonomic opinions have appeared in volume 70, part 6 of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 4848-4850	2.2	○
90	Notification that new names of prokaryotes, new combinations and new taxonomic opinions have appeared in volume 67, part 9, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 4881-4883	2.2	○
89	Notification that new names of prokaryotes, new combinations and new taxonomic opinions have appeared in volume 68, part 2, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 1409-1410	2.2	○
88	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 68, part 11 of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 297-298	2.2	○
87	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 69, part 9 of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 3663-3665	2.2	○
86	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 70, part 5 of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 4421-4424	2.2	○
85	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 70, part 3 of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 3583-3587	2.2	○
84	Notification that new names of prokaryotes, new combinations and new taxonomic opinions have appeared in volume 64, part 1, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 1075-1076	2.2	○
83	Notification of changes in taxonomic opinion previously published outside the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 2191-2192	2.2	○
82	Notification that new names of prokaryotes, new combinations and new taxonomic opinions have appeared in volume 67, part 1, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 765-766	2.2	○
81	Natrarchaeobius 2020 , 1-9		○
80	Natronobiforma 2019 , 1-7		○
79	On the valid publication of names of mycobacteria. <i>European Respiratory Journal</i> , 2019 , 54,	13.6	○
78	The Grand Microbial Variety Show. <i>Advances in Environmental Microbiology</i> , 2021 , 161-183	1.3	○
77	Fast outdoor screening and discrimination of carotenoids of halophilic microorganisms using miniaturized Raman spectrometers.. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022 , 276, 121156	4.4	○
76	Halobacteriaceae 2017 , 1-5		
75	Halococcaceae 2017 , 1-4		

74 Halobaculum **2017**, 1-7

73 Halococcus **2017**, 1-15

72 Halobacteriales **2017**, 1-3

71 Natribales **2017**, 1-2

70 Solar salterns as model systems for the study of halophilic microorganisms in their natural environments **2019**, 41-56

69 Acidobacteriales **2020**, 1-2

68 Notification that new names of prokaryotes, new combinations and new taxonomic opinions have appeared in volume 64, part 7, of the IJSEM. *International Journal of Systematic and Evolutionary Microbiology*, **2014**, 64, 3333-3334 2.2

67 Haloferacales **2017**, 1-3

66 Halobacteroides **2015**, 1-3

65 Halonatronum **2015**, 1-2

64 Selenihalanaerobacter **2015**, 1-2

63 Sporohalobacter **2015**, 1-2

62 Sodalis **2015**, 1-3

61 Halogeometricum **2015**, 1-4

60 Halobaculum **2015**, 1-5

59 Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 64, part 10, of the IJSEM. *International Journal of Systematic and Evolutionary Microbiology*, **2015**, 65, 5-6 2.2

58 Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 64, part 9, of the IJSEM. *International Journal of Systematic and Evolutionary Microbiology*, **2014**, 64, 3923-3925 2.2

57 Notification that new names of prokaryotes, new combinations and new taxonomic opinions have appeared in volume 63, part 12, of the IJSEM. *International Journal of Systematic and Evolutionary Microbiology*, **2014**, 64, 697-699 2.2

56 Strategies for the Isolation and Cultivation of Halophilic Microorganisms **2012**, 75-94

55	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 69, part 11 of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 705-707	2.2
54	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 69, part 12 of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 1447-1449	2.2
53	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 70, part 7 of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 5187-5189	2.2
52	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 67, part 8, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 4294-4297	2.2
51	Notification that new names of prokaryotes, new combinations and new taxonomic opinions have appeared in volume 67, part 10, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 3-6	2.2
50	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 67, part 12, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 695-697	2.2
49	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 68, part 3, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 1823-1824	2.2
48	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 68, part 4, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 2134-2136	2.2
47	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 68, part 5, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 2413-2415	2.2
46	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 68, part 6, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 2710-2711	2.2
45	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 68, part 8, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 3394-3396	2.2
44	Proposal to modify Rules 27 and 30(3)(b) of the International Code of Nomenclature of Prokaryotes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 3951-3953	2.2
43	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 68, part 9, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2018 , 68, 3685-3687	2.2
42	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 68, part 12, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 600-601	2.2
41	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 69, part 1, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 875-876	2.2
40	Notification of changes in taxonomic opinion previously published outside the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 1850-1851	2.2
39	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 69, part 4 of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 1847-1849	2.2

38	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 69, part 6 of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 2630-2631	2.2
37	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 69, part 7 of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 2963-2965	2.2
36	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 69, part 8 of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 3315-3317	2.2
35	Salinibacter, the Red Bacterial Extreme Halophile1-8	
34	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 69, part 10 of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 6-8	2.2
33	Further guidelines for the formation of compound specific and subspecific epithets. A proposal to emend Appendix 9 of the International Code of Nomenclature of Prokaryotes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 3561-3562	2.2
32	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 70, part 9 of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 6021-6023	2.2
31	Notification that new names of prokaryotes, new combinations and new taxonomic opinions have appeared in volume 64, part 4, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 2188-2190	2.2
30	Notification that new names of prokaryotes, new combinations and new taxonomic opinions have appeared in volume 64, part 8, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 3607-3609	2.2
29	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 64, part 12, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 739-740	2.2
28	Notification that new names of prokaryotes, new combinations and new taxonomic opinions have appeared in volume 65, part 8, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 3768-3770	2.2
27	Notification that new names of prokaryotes, new combinations and new taxonomic opinions have appeared in volume 66, part 1, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 1607-1611	2.2
26	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 66, part 2, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 1916-1919	2.2
25	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 66, part 3, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 2126-2128	2.2
24	Notification that new names of prokaryotes, new combinations and new taxonomic opinions have appeared in volume 66, part 4, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 2467-2468	2.2
23	Notification that new names of prokaryotes, new combinations and new taxonomic opinions have appeared in volume 66, part 5, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 2767-2768	2.2
22	Notification that new names of prokaryotes, new combinations and new taxonomic opinions have appeared in volume 66, part 7, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 3769-3770	2.2
21	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 66, part 8, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 4306-4309	2.2

20	Notification that new names of prokaryotes, new combinations and new taxonomic opinions have appeared in volume 66, part 10, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 4-6	2.2
19	Notification that new names of prokaryotes, new combinations and new taxonomic opinions have appeared in volume 66, part 12, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 525-528	2.2
18	Proposal to modify Rule 12c of the International Code of Nomenclature of Prokaryotes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 761-762	2.2
17	Notification that new names of prokaryotes, new combinations and new taxonomic opinions have appeared in volume 67, part 2, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 1099-1101	2.2
16	Notification that new names of prokaryotes, new combinations and new taxonomic opinions have appeared in volume 67, part 3, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 1621-1622	2.2
15	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 67, part 5, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 2495-2498	2.2
14	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 67, part 6, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 3137-3139	2.2
13	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 67, part 7, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 3689-3691	2.2
12	Notification that new names of prokaryotes and new combinations have appeared in volume 63, part 7, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 3549-3550	2.2
11	Notification that new names of prokaryotes, new combinations and new taxonomic opinions have appeared in volume 63, part 10, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 6-7	2.2
10	Notification that new names of prokaryotes, new combinations, and new taxonomic opinions have appeared in volume 63, part 11, of the IJSEM. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 313-315	2.2
9	Candidatus Halobonum 2020 , 1-4	
8	Candidatus Nanosalinicola 2020 , 1-4	
7	Candidatus Nanohalobium 1-5	
6	Halomicrobium 2016 , 1-8	
5	Haladaptatus 2016 , 1-9	
4	Halogramum 2016 , 1-9	
3	Halohasta 2016 , 1-6	

2 Halopelagius **2016**, 1-8

1 Halosarcina **2016**, 1-4