

Aharon Oren

List of Publications by Year in Descending Order

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

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	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
468	ICSP response to 'Science depends on nomenclature, but nomenclature is not science'.. <i>Nature Reviews Microbiology</i> , 2022 , 20, 249-250	22.2	3
467	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	0
466	Metagenomic investigation of the equine faecal microbiome reveals extensive taxonomic diversity.. <i>PeerJ</i> , 2022 , 10, e13084	3.1	1
465	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
464	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	0
463	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
462	Candidatus List No. 2. Lists of names of prokaryotic taxa. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2021 , 71,	2.2	9
461	Prokaryotic taxonomy and nomenclature in the age of big sequence data. <i>ISME Journal</i> , 2021 , 15, 1879-1893	11.9	24
460	Extensive microbial diversity within the chicken gut microbiome revealed by metagenomics and culture. <i>PeerJ</i> , 2021 , 9, e10941	3.1	21
459	Insight into the function and evolution of the Wood-Ljungdahl pathway in Actinobacteria. <i>ISME Journal</i> , 2021 , 15, 3005-3018	11.9	11
458	Automated analysis of genomic sequences facilitates high-throughput and comprehensive description of bacteria. <i>ISME Communications</i> , 2021 , 1,		13
457	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
456	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
455	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
454	Salt to conserve: a review on the ecology and preservation of hypersaline ecosystems. <i>Biological Reviews</i> , 2021 , 96, 2828-2850	13.5	7
453	The Next Million Names for Archaea and Bacteria. <i>Trends in Microbiology</i> , 2021 , 29, 289-298	12.4	15

452	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
451	The Grand Microbial Variety Show. <i>Advances in Environmental Microbiology</i> , 2021 , 161-183	1.3	0
450	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
449	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
448	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
447	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
446	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
445	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
444	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
443	Acidobacteriales 2020 , 1-2		
442	Prokaryotic names: the bold and the beautiful. <i>FEMS Microbiology Letters</i> , 2020 , 367,	2.9	3
441	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
440	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	
439	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	
438	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	0
437	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	
436	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	
435	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

434	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
433	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
432	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	
431	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	0
430	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	
429	Lists of names of prokaryotic taxa. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 3956-4042	2.2	27
428	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
427	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, Alnajjar and Oren 2018] and all proposed species combinations placed therein' by M. Daliq (2019, 69, 3656-3658). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 3955-3956	2.2	1
426	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
425	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
424	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
423	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
422	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	0
421	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
420	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
419	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
418	Three alternative proposals to emend 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
417	Genomic-based taxonomic classification of the family. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2020 , 70, 4470-4495	2.2	27

416	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
415	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
414	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
413	Natrarchaeobius 2020 , 1-9		0
412	The microbiology of red brines. <i>Advances in Applied Microbiology</i> , 2020 , 113, 57-110	4.9	5
411	Candidatus Halobonum 2020 , 1-4		
410	Candidatus Nanosalinicola 2020 , 1-4		
409	Naming novel prokaryotic taxa discovered in the human gut. <i>Gut</i> , 2020 , 69, 969-970	19.2	3
408	Predominance of deterministic microbial community dynamics in salterns exposed to different light intensities. <i>Environmental Microbiology</i> , 2019 , 21, 4300-4315	5.2	7
407	Solar salterns as model systems for the study of halophilic microorganisms in their natural environments 2019 , 41-56		
406	Prokaryotic Nomenclature 2019 , 1-12		1
405	How to Name New Taxa of Archaea and Bacteria 2019 , 1-24		1
404	'Red - the magic color for solar salt production' - but since when?. <i>FEMS Microbiology Letters</i> , 2019 , 366,	2.9	7
403	Trophic Selective Pressures Organize the Composition of Endolithic Microbial Communities From Global Deserts. <i>Frontiers in Microbiology</i> , 2019 , 10, 2952	5.7	14
402	Comparison of Miniaturized Raman Spectrometers for Discrimination of Carotenoids of Halophilic Microorganisms. <i>Frontiers in Microbiology</i> , 2019 , 10, 1155	5.7	11
401	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
400	Valid publication of the names Caecibacterium and Caecibacterium sporiformans. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2019 , 69, 452-453	2.2	2
399	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	0

398	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	
397	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	
396	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
395	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
394	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
393	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
392	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	
391	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	
390	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	
389	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	
388	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	
387	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	0
386	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
385	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
384	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
383	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
382	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
381	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

380	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
379	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
378	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
377	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
376	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
375	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
374	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
373	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
372	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
371	Natronobiforma 2019 , 1-7		0
370	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
369	On the valid publication of names of mycobacteria. <i>European Respiratory Journal</i> , 2019 , 54,	13.6	0
368	Trophic Specialization Results in Genomic Reduction in Free-Living Marine Bacteria. <i>MBio</i> , 2019 , 10,	7.8	5
367	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, 541-566	2.1	16
366	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
365	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
364	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
363	Uncultivated microbes-in need of their own nomenclature?. <i>ISME Journal</i> , 2018 , 12, 309-311	11.9	15

362	Clostridium difficile and Clostridioides difficile: Two validly published and correct names. <i>Anaerobe</i> , 2018 , 52, 125-126	2.8	36
361	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
360	NaCl-saturated brines are thermodynamically moderate, rather than extreme, microbial habitats. <i>FEMS Microbiology Reviews</i> , 2018 , 42, 672-693	15.1	34
359	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	
358	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
357	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	
356	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
355	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	0
354	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	
353	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	
352	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	
351	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	
350	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
349	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	
348	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	
347	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	
346	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
345	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

344	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
343	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
342	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
341	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
340	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
339	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
338	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
337	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
336	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
335	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
334	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
333	<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
332	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
331	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
330	<i>Halobacteria</i> 2017 , 1-5		3
329	<i>Halobacteriaceae</i> 2017 , 1-5		
328	<i>Haloferacaceae</i> 2017 , 1-5		1
327	<i>Natrialbaceae</i> 2017 , 1-5		1

326	Haloarculaceae 2017 , 1-5		3
325	Halorubraceae 2017 , 1-4		1
324	Halococcaceae 2017 , 1-4		
323	Halobacterium 2017 , 1-12		1
322	Halobaculum 2017 , 1-7		
321	Halococcus 2017 , 1-15		
320	Halobacteriales 2017 , 1-3		
319	Natrialbales 2017 , 1-2		
318	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
317	Halanaeroarchaeum 2017 , 1-6		1
316	Glycerol metabolism in hypersaline environments. <i>Environmental Microbiology</i> , 2017 , 19, 851-863	5.2	31
315	Haloferacales 2017 , 1-3		
314	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	
313	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	0
312	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
311	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
310	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
309	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

308	'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, 1618-1619	2.2	2
307	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
306	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
305	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
304	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
303	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
302	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
301	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, 1076-1088	2.2	4
300	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 Meganema and the species name Meganema perideroedes. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2017 , 67, 4291-4293	2.2	3
299	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
298	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	
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296	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	
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289	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
288	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
287	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	
286	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
285	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
284	Heavy metal resistance in halophilic Bacteria and Archaea. <i>FEMS Microbiology Letters</i> , 2016 , 363,	2.9	69
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280	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
279	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
278	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
277	<i>Pontibacter amylolyticus</i> 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
276	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
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274	In memoriam - Hans G. Trüper (1936-2016). <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2016 , 66, 2125	2.2	1
273	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

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267	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
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260	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	
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253	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
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248	<i>Halomicrobium</i> 2016 , 1-8		
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246	<i>Halobiforma</i> 2016 , 1-8		2
245	<i>Halogramum</i> 2016 , 1-9		
244	<i>Halohasta</i> 2016 , 1-6		
243	<i>Halonotius</i> 2016 , 1-5		1
242	<i>Halopelagius</i> 2016 , 1-8		
241	<i>Haloplanus</i> 2016 , 1-10		1
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233	<i>International Journal of Systematic and Evolutionary Microbiology</i> , 2015 , 65, 2342	2.2	3
232	Cyanobacteria in hypersaline environments: biodiversity and physiological properties. <i>Biodiversity and Conservation</i> , 2015 , 24, 781-798	3.4	41
231	Halophilic microbial communities and their environments. <i>Current Opinion in Biotechnology</i> , 2015 , 33, 119-24	11.4	91
230	Comments on "Taxonomy of cyanobacteria: a contribution to consensus approach" by K. A. Palinska and W. Surosz (<i>Hydrobiologia</i> 740: 1-11, 2014, doi:10.1007/s10750-014-1971-9). <i>Hydrobiologia</i> , 2015 , 758, 1-2	2.4	2
229	Teaching microbiology to undergraduate students in the humanities and the social sciences. <i>FEMS Microbiology Letters</i> , 2015 , 362,	2.9	2
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225	<i>Halanaerobiaceae</i> 2015 , 1-5		1
224	<i>Halobacteroidaceae</i> 2015 , 1-4		1
223	<i>Halanaerobiales</i> corrig 2015 , 1-7		1
222	<i>Halanaerobium</i> 2015 , 1-8		4
221	<i>Halonatronum</i> 2015 , 1-2		
220	<i>Selenihalanaerobacter</i> 2015 , 1-2		
219	<i>Sporohalobacter</i> 2015 , 1-2		

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197	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
196	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
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191	<i>Oceanicola antarcticus</i> sp. nov. and <i>Oceanicola flagellatus</i> sp. nov., moderately halophilic bacteria isolated from seawater. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 2975-2979 ¹²	2.2	12
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184	<i>Altererythrobacter atlanticus</i> sp. nov., isolated from deep-sea sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2014 , 64, 116-121	2.2	46
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178	Raman spectroscopy of microbial pigments. <i>Applied and Environmental Microbiology</i> , 2014 , 80, 3286-95	4.8	104
177	The Family Kordiimonadaceae 2014 , 307-312		9
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165	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	

164	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	
163	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	
162	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	
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156	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
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154	<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
153	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
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151	(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
150	Raman spectrometric discrimination of flexirubin pigments from two genera of Bacteroidetes. <i>FEMS Microbiology Letters</i> , 2013 , 348, 97-102	2.9	17
149	<i>Roseivivax pacificus</i> sp. nov., isolated from deep-sea sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 2013 , 63, 4574-4579	2.2	14
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13	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
12	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
11	Unsaturated fatty acid composition and biosynthesis in Oscillatoria limnetica and other cyanobacteria. <i>Archives of Microbiology</i> , 1985 , 141, 138-142	3	35
10	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
9	Clostridium lortetii sp. nov., a halophilic obligatory anaerobic bacterium producing endospores with attached gas vacuoles. <i>Archives of Microbiology</i> , 1983 , 136, 42-48	3	67
8	Bacteriorhodopsin-mediated CO ₂ photoassimilation in the Dead Sea ¹ . <i>Limnology and Oceanography</i> , 1983 , 28, 33-41	4.8	28
7	Population dynamics of halobacteria in the Dead Sea water column ¹ . <i>Limnology and Oceanography</i> , 1983 , 28, 1094-1103	4.8	47
6	Population dynamics of Dunaliella parva in the Dead Sea ¹ . <i>Limnology and Oceanography</i> , 1982 , 27, 201-218		44
5	Bacteriorhodopsin in a bloom of halobacteria in the Dead Sea. <i>Archives of Microbiology</i> , 1981 , 130, 185-187		43
4	Biodiversity in Highly Saline Environments ² 21-231		12
3	Salinibacter, the Red Bacterial Extreme Halophile ¹ 1-8		

2 Candidatus Nanothalobium1-5

1 Anaerobes

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