

# Hans-Peter Klenk

## List of Publications by Citations

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401  
papers

20,292  
citations

53  
h-index

132  
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413  
ext. papers

28,398  
ext. citations

5.2  
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6.61  
L-index

#	Paper	IF	Citations
401	Genome sequence-based species delimitation with confidence intervals and improved distance functions. <i>BMC Bioinformatics</i> , <b>2013</b> , 14, 60	3.6	3251
400	The complete genome sequence of the hyperthermophilic, sulphate-reducing archaeon <i>Archaeoglobus fulgidus</i> . <i>Nature</i> , <b>1997</b> , 390, 364-70	50.4	1257
399	Digital DNA-DNA hybridization for microbial species delineation by means of genome-to-genome sequence comparison. <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 117-34		972
398	Taxonomy, Physiology, and Natural Products of Actinobacteria. <i>Microbiology and Molecular Biology Reviews</i> , <b>2016</b> , 80, 1-43	13.2	841
397	A phylogeny-driven genomic encyclopaedia of Bacteria and Archaea. <i>Nature</i> , <b>2009</b> , 462, 1056-60	50.4	803
396	Novel genes for nitrite reductase and Amo-related proteins indicate a role of uncultivated mesophilic crenarchaeota in nitrogen cycling. <i>Environmental Microbiology</i> , <b>2005</b> , 7, 1985-95	5.2	674
395	Critical Assessment of Metagenome Interpretation-a benchmark of metagenomics software. <i>Nature Methods</i> , <b>2017</b> , 14, 1063-1071	21.6	412
394	Standard operating procedure for calculating genome-to-genome distances based on high-scoring segment pairs. <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 142-8		384
393	When should a DDH experiment be mandatory in microbial taxonomy?. <i>Archives of Microbiology</i> , <b>2013</b> , 195, 413-8	3	377
392	The genome sequence of the extreme thermophile <i>Thermus thermophilus</i> . <i>Nature Biotechnology</i> , <b>2004</b> , 22, 547-53	44.5	302
391	Genome-Based Taxonomic Classification of the Phylum. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 2007	5.7	297
390	Complete genome sequence of DSM 30083(T), the type strain (U5/41(T)) of <i>Escherichia coli</i> , and a proposal for delineating subspecies in microbial taxonomy. <i>Standards in Genomic Sciences</i> , <b>2014</b> , 9, 2		267
389	The genome of <i>Sulfolobus acidocaldarius</i> , a model organism of the Crenarchaeota. <i>Journal of Bacteriology</i> , <b>2005</b> , 187, 4992-9	3.5	235
388	Comparative genomics of biotechnologically important yeasts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 9882-7	11.5	212
387	Relationship of <i>Bacillus amyloliquefaciens</i> clades associated with strains DSM 7T and FZB42T: a proposal for <i>Bacillus amyloliquefaciens</i> subsp. <i>amyloliquefaciens</i> subsp. nov. and <i>Bacillus amyloliquefaciens</i> subsp. <i>plantarum</i> subsp. nov. based on complete genome sequence comparisons. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2011</b> , 61, 1791-1801	2.2	200
386	The revisited genome of <i>Pseudomonas putida</i> KT2440 enlightens its value as a robust metabolic chassis. <i>Environmental Microbiology</i> , <b>2016</b> , 18, 3403-3424	5.2	194
385	The complete genome sequence of the algal symbiont <i>Dinoroseobacter shibae</i> : a hitchhiker's guide to life in the sea. <i>ISME Journal</i> , <b>2010</b> , 4, 61-77	11.9	187

384	, and Form an "Operational Group " within the Species Complex. <i>Frontiers in Microbiology</i> , <b>2017</b> , 8, 22	5.7	186
383	A blueprint of ectoine metabolism from the genome of the industrial producer <i>Halomonas elongata</i> DSM 2581 T. <i>Environmental Microbiology</i> , <b>2011</b> , 13, 1973-94	5.2	170
382	Phylogenomics of Rhodobacteraceae reveals evolutionary adaptation to marine and non-marine habitats. <i>ISME Journal</i> , <b>2017</b> , 11, 1483-1499	11.9	167
381	1,003 reference genomes of bacterial and archaeal isolates expand coverage of the tree of life. <i>Nature Biotechnology</i> , <b>2017</b> , 35, 676-683	44.5	161
380	High-resolution phylogenetic microbial community profiling. <i>ISME Journal</i> , <b>2016</b> , 10, 2020-32	11.9	161
379	<i>Chryseobacterium hispalense</i> sp. nov., a plant-growth-promoting bacterium isolated from a rainwater pond in an olive plant nursery, and emended descriptions of <i>Chryseobacterium defluvii</i> , <i>Chryseobacterium indologenes</i> , <i>Chryseobacterium wanjuense</i> and <i>Chryseobacterium gregarium</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2013</b> , 63, 1386-1395	2.2	156
378	opm: an R package for analysing OmniLog(R) phenotype microarray data. <i>Bioinformatics</i> , <b>2013</b> , 29, 1823-4.2	4.2	153
377	Genomic encyclopedia of bacteria and archaea: sequencing a myriad of type strains. <i>PLoS Biology</i> , <b>2014</b> , 12, e1001920	9.7	146
376	The Earth Microbiome Project: Meeting report of the "1 EMP meeting on sample selection and acquisition" at Argonne National Laboratory October 6 2010. <i>Standards in Genomic Sciences</i> , <b>2010</b> , 3, 249-53		146
375	First insight into the genome of an uncultivated crenarchaeote from soil. <i>Environmental Microbiology</i> , <b>2002</b> , 4, 603-11	5.2	144
374	The Genomic Standards Consortium. <i>PLoS Biology</i> , <b>2011</b> , 9, e1001088	9.7	143
373	Visualization and curve-parameter estimation strategies for efficient exploration of phenotype microarray kinetics. <i>PLoS ONE</i> , <b>2012</b> , 7, e34846	3.7	139
372	An archaeobacterial ATPase, homologous to ATPases in the eukaryotic 26 S proteasome, activates protein breakdown by 20 S proteasomes. <i>Journal of Biological Chemistry</i> , <b>1999</b> , 274, 26008-14	5.4	135
371	The DNA bank network: the start from a german initiative. <i>Biopreservation and Biobanking</i> , <b>2011</b> , 9, 51-5	2.1	128
370	Database Resources of the National Genomics Data Center in 2020. <i>Nucleic Acids Research</i> , <b>2020</b> , 48, D24-D33	20.1	119
369	Genome-Based Taxonomic Classification of. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 2003	5.7	114
368	Homologues of nitrite reductases in ammonia-oxidizing archaea: diversity and genomic context. <i>Environmental Microbiology</i> , <b>2010</b> , 12, 1075-88	5.2	108
367	Comparative evaluation of gene expression in archaeobacteria. <i>FEBS Journal</i> , <b>1988</b> , 173, 473-82		101

366	Characterization of the first cultured representative of Verrucomicrobia subdivision 5 indicates the proposal of a novel phylum. <i>ISME Journal</i> , <b>2016</b> , 10, 2801-2816	11.9	98
365	Complete genome sequence of <i>Kytococcus sedentarius</i> type strain (541). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 12-20		94
364	Genome sequence of <i>Desulfobacterium autotrophicum</i> HRM2, a marine sulfate reducer oxidizing organic carbon completely to carbon dioxide. <i>Environmental Microbiology</i> , <b>2009</b> , 11, 1038-55	5.2	89
363	A taxonomic framework for emerging groups of ecologically important marine gammaproteobacteria based on the reconstruction of evolutionary relationships using genome-scale data. <i>Frontiers in Microbiology</i> , <b>2015</b> , 6, 281	5.7	88
362	Harnessing the landscape of microbial culture media to predict new organism-media pairings. <i>Nature Communications</i> , <b>2015</b> , 6, 8493	17.4	79
361	Genomics of aerobic cellulose utilization systems in actinobacteria. <i>PLoS ONE</i> , <b>2012</b> , 7, e39331	3.7	73
360	Genomic Encyclopedia of Type Strains, Phase I: The one thousand microbial genomes (KMG-I) project. <i>Standards in Genomic Sciences</i> , <b>2014</b> , 9, 1278-84		72
359	Non-contiguous finished genome sequence and contextual data of the filamentous soil bacterium <i>Ktedonobacter racemifer</i> type strain (SOSP1-21). <i>Standards in Genomic Sciences</i> , <b>2011</b> , 5, 97-111		72
358	PPI-dependent phosphofructokinase from <i>Thermoproteus tenax</i> , an archaeal descendant of an ancient line in phosphofructokinase evolution. <i>Journal of Bacteriology</i> , <b>1998</b> , 180, 2137-43	3.5	70
357	Roadmap for naming uncultivated Archaea and Bacteria. <i>Nature Microbiology</i> , <b>2020</b> , 5, 987-994	26.6	64
356	Genome-based classification of micromonosporae with a focus on their biotechnological and ecological potential. <i>Scientific Reports</i> , <b>2018</b> , 8, 525	4.9	63
355	Complete genome sequence of <i>Odoribacter splanchnicus</i> type strain (1651/6). <i>Standards in Genomic Sciences</i> , <b>2011</b> , 4, 200-9		62
354	Reconstruction of the central carbohydrate metabolism of <i>Thermoproteus tenax</i> by use of genomic and biochemical data. <i>Journal of Bacteriology</i> , <b>2004</b> , 186, 2179-94	3.5	61
353	Novel insights into the diversity of catabolic metabolism from ten haloarchaeal genomes. <i>PLoS ONE</i> , <b>2011</b> , 6, e20237	3.7	60
352	The phylogenetic relations of DNA-dependent RNA polymerases of archaeobacteria, eukaryotes, and eubacteria. <i>Canadian Journal of Microbiology</i> , <b>1989</b> , 35, 73-80	3.2	59
351	Complete nucleotide sequence of the <i>Sulfolobus islandicus</i> multicopy plasmid pRN1. <i>Plasmid</i> , <b>1996</b> , 35, 141-4	3.3	58
350	Complete genome sequence of <i>Chitinophaga pinensis</i> type strain (UQM 2034). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 87-95		57
349	Comparative genomics of the bacterial genus <i>Streptococcus</i> illuminates evolutionary implications of species groups. <i>PLoS ONE</i> , <b>2014</b> , 9, e101229	3.7	57

348	Complete genome sequence of Haliangium ochraceum type strain (SMP-2). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 96-106		53
347	Metabolic traits of an uncultured archaeal lineage--MSBL1--from brine pools of the Red Sea. <i>Scientific Reports</i> , <b>2016</b> , 6, 19181	4.9	51
346	Complete genome sequence of the first endornavirus from the ascocarp of the ectomycorrhizal fungus <i>Tuber aestivum</i> Vittad. <i>Archives of Virology</i> , <b>2011</b> , 156, 343-5	2.6	49
345	Complete genome sequence of <i>Geodermatophilus obscurus</i> type strain (G-20). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 158-67		49
344	Genomic Encyclopedia of Bacterial and Archaeal Type Strains, Phase III: the genomes of soil and plant-associated and newly described type strains. <i>Standards in Genomic Sciences</i> , <b>2015</b> , 10, 26		48
343	RNA polymerase of <i>Aquifex pyrophilus</i> : implications for the evolution of the bacterial rpoBC operon and extremely thermophilic bacteria. <i>Journal of Molecular Evolution</i> , <b>1999</b> , 48, 528-41	3.1	48
342	DNA-dependent RNA polymerase subunit B as a tool for phylogenetic reconstructions: branching topology of the archaeal domain. <i>Journal of Molecular Evolution</i> , <b>1994</b> , 38, 420-32	3.1	48
341	Dissecting the taxonomic heterogeneity within <i>Propionibacterium acnes</i> : proposal for <i>Propionibacterium acnes</i> subsp. <i>acnes</i> subsp. nov. and <i>Propionibacterium acnes</i> subsp. <i>elongatum</i> subsp. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2015</b> , 65, 4776-4787	2.2	47
340	Stone-dwelling actinobacteria <i>Blastococcus saxosidens</i> , <i>Modestobacter marinus</i> and <i>Geodermatophilus obscurus</i> proteogenomes. <i>ISME Journal</i> , <b>2016</b> , 10, 21-9	11.9	46
339	Complete genome sequences of <i>Desulfosporosinus orientis</i> DSM765T, <i>Desulfosporosinus youngiae</i> DSM17734T, <i>Desulfosporosinus meridiei</i> DSM13257T, and <i>Desulfosporosinus acidiphilus</i> DSM22704T. <i>Journal of Bacteriology</i> , <b>2012</b> , 194, 6300-1	3.5	46
338	"Hot standards" for the thermoacidophilic archaeon <i>Sulfolobus solfataricus</i> . <i>Extremophiles</i> , <b>2010</b> , 14, 119-42	3	46
337	Phylogeny-driven target selection for large-scale genome-sequencing (and other) projects. <i>Standards in Genomic Sciences</i> , <b>2013</b> , 8, 360-74		42
336	Proposal of a type strain for <i>Frankia alni</i> (Woronin 1866) Von Tubeuf 1895, emended description of <i>Frankia alni</i> , and recognition of <i>Frankia casuarinae</i> sp. nov. and <i>Frankia elaeagni</i> sp. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2016</b> , 66, 5201-5210	2.2	42
335	The complete genome sequence of <i>Thermoproteus tenax</i> : a physiologically versatile member of the Crenarchaeota. <i>PLoS ONE</i> , <b>2011</b> , 6, e24222	3.7	41
334	Complete genome sequence of <i>Isosphaera pallida</i> type strain (IS1B). <i>Standards in Genomic Sciences</i> , <b>2011</b> , 4, 63-71		40
333	Highly parallelized inference of large genome-based phylogenies. <i>Concurrency Computation Practice and Experience</i> , <b>2014</b> , 26, 1715-1729	1.4	39
332	Complete genome sequence of <i>Desulfobulbus propionicus</i> type strain (1pr3). <i>Standards in Genomic Sciences</i> , <b>2011</b> , 4, 100-10		39
331	Genome-scale data suggest reclassifications in the <i>Leisingera</i> - <i>Phaeobacter</i> cluster including proposals for <i>Sedimentitalea</i> gen. nov. and <i>Pseudophaeobacter</i> gen. nov. <i>Frontiers in Microbiology</i> , <b>2014</b> , 5, 416	5.7	38

330	Chapter 12 Transcription in archaea. <i>New Comprehensive Biochemistry</i> , <b>1993</b> , 26, 367-391		38
329	Codivergence of mycoviruses with their hosts. <i>PLoS ONE</i> , <b>2011</b> , 6, e22252	3-7	37
328	Complete genome sequence of <i>Truepera radiovictrix</i> type strain (RQ-24). <i>Standards in Genomic Sciences</i> , <b>2011</b> , 4, 91-9		37
327	The genome of <i>Hyperthermus butylicus</i> : a sulfur-reducing, peptide fermenting, neutrophilic Crenarchaeote growing up to 108 degrees C. <i>Archaea</i> , <b>2007</b> , 2, 127-35	2	37
326	<i>Geodermatophilus africanus</i> sp. nov., a halotolerant actinomycete isolated from Saharan desert sand. <i>Antonie Van Leeuwenhoek</i> , <b>2013</b> , 104, 207-16	2.1	36
325	<i>Frankia inefficax</i> sp. nov., an actinobacterial endophyte inducing ineffective, non nitrogen-fixing, root nodules on its actinorhizal host plants. <i>Antonie Van Leeuwenhoek</i> , <b>2017</b> , 110, 313-320	2.1	35
324	High Diversity of Culturable Prokaryotes in a Lithifying Hypersaline Microbial Mat. <i>Geomicrobiology Journal</i> , <b>2015</b> , 32, 332-346	2.5	35
323	<i>Geodermatophilus siccatus</i> sp. nov., isolated from arid sand of the Saharan desert in Chad. <i>Antonie Van Leeuwenhoek</i> , <b>2013</b> , 103, 449-56	2.1	35
322	Complete genome sequence of the filamentous gliding predatory bacterium <i>Herpetosiphon aurantiacus</i> type strain (114-95(T)). <i>Standards in Genomic Sciences</i> , <b>2011</b> , 5, 356-70		35
321	Complete genome sequence of the thermophilic, hydrogen-oxidizing <i>Bacillus tusciae</i> type strain (T2) and reclassification in the new genus, <i>Kyrpidia</i> gen. nov. as <i>Kyrpidia tusciae</i> comb. nov. and emendation of the family Alicyclobacillaceae da Costa and Rainey, 2010. <i>Standards in Genomic Sciences</i> , <b>2011</b> , 5, 121-34		35
320	Complete genome sequence of <i>Spirosoma linguale</i> type strain (1). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 176-85		35
319	gen. nov., sp. nov., an Unusual Member of the Phylum Planctomycetes from the German Wadden Sea. <i>Frontiers in Microbiology</i> , <b>2016</b> , 7, 2079	5-7	34
318	A novel <i>Tuber aestivum</i> (Vittad.) mitovirus. <i>Archives of Virology</i> , <b>2011</b> , 156, 1107-10	2.6	33
317	Complete genome sequence of <i>Desulfotomaculum acetoxidans</i> type strain (5575). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 242-53		33
316	Biochemical and phylogenetic characterization of the dUTPase from the archaeal virus SIRV. <i>Journal of Biological Chemistry</i> , <b>1998</b> , 273, 6024-9	5-4	33
315	Complete genome sequence of <i>Actinosynnema mirum</i> type strain (101). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 46-53		32
314	Complete genome sequence of <i>Arcobacter nitrofigilis</i> type strain (CI). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 300-8		32
313	Complete genome sequence of <i>Sulfurimonas autotrophica</i> type strain (OK10). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 3, 194-202		32

- 312 454 Pyrosequencing-based assessment of bacterial diversity and community structure in termite guts, mounds and surrounding soils. *SpringerPlus*, **2015**, 4, 471 31
- 311 Draft genome sequence of *Halomonas lutea* strain YIM 91125(T) (DSM 23508(T)) isolated from the alkaline Lake Ebinur in Northwest China. *Standards in Genomic Sciences*, **2015**, 10, 1 31
- 310 Complete genome sequence of *Rhodospirillum rubrum* type strain (S1). *Standards in Genomic Sciences*, **2011**, 4, 293-302 31
- 309 Complete genome sequence of *Cellulomonas flavigena* type strain (134). *Standards in Genomic Sciences*, **2010**, 3, 15-25 31
- 308 Complete genome sequence of the sulfur compounds oxidizing chemolithoautotroph *Sulfuricurvum kujiense* type strain (YK-1(T)). *Standards in Genomic Sciences*, **2012**, 6, 94-103 31
- 307 Complete genome sequence of *Eggerthella lenta* type strain (IPP VPI 0255). *Standards in Genomic Sciences*, **2009**, 1, 174-82 31
- 306 Oxidation of aliphatic, branched chain, and aromatic hydrocarbons by *Nocardia cyriacigeorgica* isolated from oil-polluted sand samples collected in the Saudi Arabian Desert. *Journal of Basic Microbiology*, **2010**, 50, 241-53 2.7 31
- 305 Genomic Analysis of , the Thermophilic Anaerobic Bacterium of the Novel Bacterial Phylum. *Frontiers in Microbiology*, **2017**, 8, 195 5.7 30
- 304 Comparative genomic analysis of the genus *Nocardiopsis* provides new insights into its genetic mechanisms of environmental adaptability. *PLoS ONE*, **2013**, 8, e61528 3.7 30
- 303 Complete genome sequence of *Desulfomicrobium baculatum* type strain (X). *Standards in Genomic Sciences*, **2009**, 1, 29-37 30
- 302 Complete genome sequence of *Halomicrobium mukohataei* type strain (arg-2). *Standards in Genomic Sciences*, **2009**, 1, 270-7 30
- 301 Genome analysis of *Desulfotomaculum kuznetsovii* strain 17(T) reveals a physiological similarity with *Pelotomaculum thermopropionicum* strain SI(T). *Standards in Genomic Sciences*, **2013**, 8, 69-87 29
- 300 Complete genome sequence of *Veillonella parvula* type strain (Te3). *Standards in Genomic Sciences*, **2010**, 2, 57-65 29
- 299 *Kibdelosporangium phytohabitans* sp. nov., a novel endophytic actinomycete isolated from oil-seed plant *Jatropha curcas* L. containing 1-aminocyclopropane-1-carboxylic acid deaminase. *Antonie Van Leeuwenhoek*, **2012**, 101, 433-41 2.1 28
- 298 Complete genome sequence of the halophilic and highly halotolerant *Chromohalobacter salexigens* type strain (1H11(T)). *Standards in Genomic Sciences*, **2011**, 5, 379-88 28
- 297 *Nonomuraea antimicrobica* sp. nov., an endophytic actinomycete isolated from a leaf of *Maytenus austroyunnanensis*. *International Journal of Systematic and Evolutionary Microbiology*, **2009**, 59, 2747-51 2.2 28
- 296 Complete genome sequence of *Planctomyces limnophilus* type strain (M290). *Standards in Genomic Sciences*, **2010**, 3, 47-56 28
- 295 Complete genome sequence of *Meiothermus ruber* type strain (21). *Standards in Genomic Sciences*, **2010**, 3, 26-36 28

294	Complete genome sequence of <i>Haloterrigena turkmenica</i> type strain (4k). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 107-16		28
293	Complete genome sequence of <i>Nakamurella multipartita</i> type strain (Y-104). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 168-75		28
292	Location of Protist Lineages in a Phylogenetic Tree Inferred from Sequences of DNA-dependent RNA Polymerases. <i>Archiv Für Protistenkunde</i> , <b>1995</b> , 145, 221-230		28
291	Complete genome sequence of <i>Polynucleobacter necessarius</i> subsp. <i>asymbioticus</i> type strain (QLW-P1DMWA-1(T)). <i>Standards in Genomic Sciences</i> , <b>2012</b> , 6, 74-83		27
290	Complete genome sequence of <i>Acidimicrobium ferrooxidans</i> type strain (ICP). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 38-45		27
289	Complete genome sequence of <i>Nocardiopsis dassonvillei</i> type strain (IMRU 509). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 3, 325-36		27
288	Complete genome sequence of <i>Olsenella uli</i> type strain (VPI D76D-27C). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 3, 76-84		27
287	Complete genome sequence of <i>Desulfarculus baarsii</i> type strain (2st14). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 3, 276-84		27
286	Complete genome sequence of <i>Aminobacterium colombiense</i> type strain (ALA-1). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 280-9		27
285	<i>Frankia coriariae</i> sp. nov., an infective and effective microsymbiont isolated from <i>Coriaria japonica</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2017</b> , 67, 1266-1270	2.2	27
284	A novel mitovirus from the hypogeous ectomycorrhizal fungus <i>Tuber excavatum</i> . <i>Archives of Virology</i> , <b>2012</b> , 157, 787-790	2.6	26
283	Degradation of the multiple branched alkane 2,6,10,14-tetramethyl-pentadecane (pristane) in <i>Rhodococcus ruber</i> and <i>Mycobacterium neoaurum</i> . <i>International Biodeterioration and Biodegradation</i> , <b>2009</b> , 63, 201-207	4.8	26
282	Complete genome sequence of <i>Pirellula staleyii</i> type strain (ATCC 27377). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 308-16		26
281	Evolution. Archaea and eukaryotes versus bacteria?. <i>Current Biology</i> , <b>1994</b> , 4, 920-2	6.3	26
280	Toward unrestricted use of public genomic data. <i>Science</i> , <b>2019</b> , 363, 350-352	33.3	25
279	Genomic Insights Into Plant-Growth-Promoting Potentialities of the Genus. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 1457	5.7	25
278	Complete genome sequence of the rapeseed plant-growth promoting <i>Serratia plymuthica</i> strain AS9. <i>Standards in Genomic Sciences</i> , <b>2012</b> , 6, 54-62		25
277	<i>Actinopolyspora mزابensis</i> sp. nov., a halophilic actinomycete isolated from an Algerian Saharan soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2013</b> , 63, 3787-3792	2.2	25



276	SulfoSYS (Sulfolobus Systems Biology): towards a silicon cell model for the central carbohydrate metabolism of the archaeon <i>Sulfolobus solfataricus</i> under temperature variation. <i>Biochemical Society Transactions</i> , <b>2009</b> , 37, 58-64	5.1	25
275	Complete genome sequence of <i>Streptosporangium roseum</i> type strain (NI 9100). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 29-37		25
274	Species delimitation in taxonomically difficult fungi: the case of <i>Hymenogaster</i> . <i>PLoS ONE</i> , <b>2011</b> , 6, e15614	3.4	25
273	Characterization of the first cultured representative of a Bacteroidetes clade specialized on the scavenging of cyanobacteria. <i>Environmental Microbiology</i> , <b>2017</b> , 19, 1134-1148	5.2	24
272	Pathways and substrate-specific regulation of amino acid degradation in <i>Phaeobacter inhibens</i> DSM 17395 (archetype of the marine <i>Roseobacter</i> clade). <i>Environmental Microbiology</i> , <b>2014</b> , 16, 218-38	5.2	24
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270	Genome sequence of the thermophilic fresh-water bacterium <i>Spirochaeta caldaria</i> type strain (H1(T)), reclassification of <i>Spirochaeta caldaria</i> , <i>Spirochaeta stenostrepta</i> , and <i>Spirochaeta zuelzeriae</i> in the genus <i>Treponema</i> as <i>Treponema caldaria</i> comb. nov., <i>Treponema stenostrepta</i> comb. nov., and <i>Treponema zuelzeriae</i> comb. nov., and emendation of the genus <i>Treponema</i> .		24
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268	Complete genome sequence of the extremely halophilic <i>Halanaerobium praevalens</i> type strain (GSL). <i>Standards in Genomic Sciences</i> , <b>2011</b> , 4, 312-21		24
267	Complete genome sequence of <i>Thermomonospora curvata</i> type strain (B9). <i>Standards in Genomic Sciences</i> , <b>2011</b> , 4, 13-22		24
266	Complete genome sequence of <i>Sulfurospirillum deleyianum</i> type strain (5175). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 149-57		24
265	Characterization and sequence comparison of temperature-regulated chaperonins from the hyperthermophilic archaeon <i>Archaeoglobus fulgidus</i> . <i>Gene</i> , <b>1998</b> , 215, 431-8	3.8	24
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260	Genome sequence of the homoacetogenic bacterium <i>Holophaga foetida</i> type strain (TMBS4(T)). <i>Standards in Genomic Sciences</i> , <b>2012</b> , 6, 174-84		23
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258	Complete genome sequence of Cellulophaga algicola type strain (IC166). <i>Standards in Genomic Sciences</i> , <b>2011</b> , 4, 72-80		22
257	Complete genome sequence of Halogeometricum borinquense type strain (PR3). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 150-9		22
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255	Nocardiopsis algeriensis sp. nov., an alkalitolerant actinomycete isolated from Saharan soil. <i>Antonie Van Leeuwenhoek</i> , <b>2015</b> , 107, 313-20	2.1	21
254	Description of Streptomonospora sediminis sp. nov. and Streptomonospora nanhaiensis sp. nov., and reclassification of Nocardiopsis arabia Hozzein & Goodfellow 2008 as Streptomonospora arabica comb. nov. and emended description of the genus Streptomonospora. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2013</b> , 63, 4447-4455	2.2	21
253	Saccharothrix hoggarensis sp. nov., an actinomycete isolated from Saharan soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2013</b> , 63, 549-553	2.2	21
252	Genome sequence of the moderately thermophilic, amino-acid-degrading and sulfur-reducing bacterium Thermovirga lienii type strain (Cas60314(T)). <i>Standards in Genomic Sciences</i> , <b>2012</b> , 6, 230-9		21
251	Complete genome sequence of Halorhabdus utahensis type strain (AX-2). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 218-25		21
250	Complete genome sequence of Saccharomonospora viridis type strain (P101). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 141-9		21
249	Complete genome sequence of Atopobium parvulum type strain (IPP 1246). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 166-73		21
248	Frankia asymbiotica sp. nov., a non-infective actinobacterium isolated from Morella californica root nodule. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2017</b> , 67, 4897-4901	2.2	21
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246	Actinopolyspora righensis sp. nov., a novel halophilic actinomycete isolated from Saharan soil in Algeria. <i>Antonie Van Leeuwenhoek</i> , <b>2013</b> , 104, 301-7	2.1	20
245	Actinopolyspora saharensis sp. nov., a novel halophilic actinomycete isolated from a Saharan soil of Algeria. <i>Antonie Van Leeuwenhoek</i> , <b>2013</b> , 103, 771-6	2.1	20
244	Complete genome sequence of Treponema succinifaciens type strain (6091). <i>Standards in Genomic Sciences</i> , <b>2011</b> , 4, 361-70		20
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241	Complete genome sequence of Sphaerobacter thermophilus type strain (S 6022). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 49-56		20

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239	<i>Nocardia vulneris</i> sp. nov., isolated from wounds of human patients in North America. <i>Antonie Van Leeuwenhoek</i> , <b>2014</b> , 106, 543-53	2.1	19
238	Genome sequence of <i>Phaeobacter inhibens</i> type strain (T5(T)), a secondary metabolite producing representative of the marine <i>Roseobacter</i> clade, and emendation of the species description of <i>Phaeobacter inhibens</i> . <i>Standards in Genomic Sciences</i> , <b>2013</b> , 9, 334-50		19
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234	Complete genome sequence of <i>Pedobacter heparinus</i> type strain (HIM 762-3). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 54-62		19
233	Complete genome sequence of <i>Brachybacterium faecium</i> type strain (Schefferle 6-10). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 3-11		19
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231	Complete genome sequence of <i>Thermanaerovibrio acidaminovorans</i> type strain (Su883). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 254-61		19
230	Complete genome sequence of <i>Acidaminococcus fermentans</i> type strain (VR4). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 3, 1-14		19
229	Complete genome sequence of <i>Gordonia bronchialis</i> type strain (3410). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 19-28		19
228	Description of gamma radiation-resistant <i>Geodermatophilus dictyosporus</i> sp. nov. to accommodate the not validly named <i>Geodermatophilus obscurus</i> subsp. <i>dictyosporus</i> (Luedemann, 1968). <i>Extremophiles</i> , <b>2015</b> , 19, 77-85	3	18
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225	Complete genome sequence of <i>Anaerococcus prevotii</i> type strain (PC1). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 159-65		18
224	Complete genome sequence of <i>Brachyspira murdochii</i> type strain (56-150). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 260-9		18
223	Complete genome sequence of <i>Coralimargarita akajimensis</i> type strain (04OKA010-24). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 290-9		18

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215	<i>Blastococcus capsensis</i> sp. nov., isolated from an archaeological Roman pool and emended description of the genus <i>Blastococcus</i> , <i>B. aggregatus</i> , <i>B. saxobsidens</i> , <i>B. jejuensis</i> and <i>B. endophyticus</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2016</b> , 66, 4864-4872	2.2	17
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207	Complete genome sequence of <i>Streptobacillus moniliformis</i> type strain (9901). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 300-7		16
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204	Complete genome sequence of <i>Acetohalobium arabaticum</i> type strain (Z-7288). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 3, 57-65		16
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202	The neglected hypogeous fungus <i>Hydnotrya bailii</i> Soehner (1959) is a widespread sister taxon of <i>Hydnotrya tulasnei</i> (Berk.) Berk. & Broome (1846). <i>Mycological Progress</i> , <b>2010</b> , 9, 195-203	1.9	16
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193	Complete genome sequence of <i>Marivirga tractuosa</i> type strain (H-43). <i>Standards in Genomic Sciences</i> , <b>2011</b> , 4, 154-62		15
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183	Complete genome sequence of <i>Methanothermus fervidus</i> type strain (V24S). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 3, 315-24		14
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177	<i>Frankia torreyi</i> sp. nov., the first actinobacterium of the genus <i>Frankia</i> Brunchorst 1886, 174 isolated in axenic culture. <i>Antonie Van Leeuwenhoek</i> , <b>2019</b> , 112, 57-65	2.1	13
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172	Complete genome sequence of the marine methyl-halide oxidizing <i>Leisingera methylohalidivorans</i> type strain (DSM 14336(T)), a representative of the <i>Roseobacter</i> clade. <i>Standards in Genomic Sciences</i> , <b>2013</b> , 9, 128-41		13
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170	<i>Promicromonospora xylanilytica</i> sp. nov., an endophytic actinomycete isolated from surface-sterilized leaves of the medicinal plant <i>Maytenus austroyunnanensis</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2012</b> , 62, 84-89	2.2	13
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161	Complete genome sequence of <i>Methanoplanus petrolearius</i> type strain (SEBR 4847). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 3, 203-11		12
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154	Complete genome sequence of <i>Deinococcus maricopensis</i> type strain (LB-34). <i>Standards in Genomic Sciences</i> , <b>2011</b> , 4, 163-72		11
153	Genome sequence of the orange-pigmented seawater bacterium <i>Owenweeksia hongkongensis</i> type strain (UST20020801(T)). <i>Standards in Genomic Sciences</i> , <b>2012</b> , 7, 120-30		11
152	Complete genome sequence of <i>Beutenbergia cavernae</i> type strain (HKI 0122). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 21-8		11
151	Complete genome sequence of <i>Denitrovibrio acetiphilus</i> type strain (N2460). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 270-9		11

150	Saccharothrix ghardaiensis sp. nov., an actinobacterium isolated from Saharan soil. <i>Antonie Van Leeuwenhoek</i> , <b>2017</b> , 110, 399-405	2.1	10
149	<i>Streptomyces alkaliphilus</i> sp. nov., isolated from sediments of Lake Elmenteita in the Kenyan Rift Valley. <i>Antonie Van Leeuwenhoek</i> , <b>2015</b> , 107, 1249-59	2.1	10
148	Genome sequence of the exopolysaccharide-producing <i>Salipiger mucosus</i> type strain (DSM 16094(T)), a moderately halophilic member of the Roseobacter clade. <i>Standards in Genomic Sciences</i> , <b>2014</b> , 9, 1331-43		10
147	Genome sequence of the mud-dwelling archaeon <i>Methanoplanus limicola</i> type strain (DSM 2279(T)), reclassification of <i>Methanoplanus petrolearius</i> as <i>Methanolacinia petrolearia</i> and emended descriptions of the genera <i>Methanoplanus</i> and <i>Methanolacinia</i> . <i>Standards in Genomic Sciences</i> , <b>2014</b> , 9, 1076-88		10
146	<i>Planomonospora algeriensis</i> sp. nov., an actinobacterium isolated from a Saharan soil of Algeria. <i>Antonie Van Leeuwenhoek</i> , <b>2017</b> , 110, 245-252	2.1	10
145	Description of <i>Geodermatophilus bullaregiensis</i> sp. nov. <i>Antonie Van Leeuwenhoek</i> , <b>2015</b> , 108, 415-25	2.1	10
144	Complete genome sequence of the moderate thermophile <i>Anaerobaculum mobile</i> type strain (NGA(T)). <i>Standards in Genomic Sciences</i> , <b>2013</b> , 8, 47-57		10
143	Genome sequence of <i>Phaeobacter daeponensis</i> type strain (DSM 23529(T)), a facultatively anaerobic bacterium isolated from marine sediment, and emendation of <i>Phaeobacter daeponensis</i> . <i>Standards in Genomic Sciences</i> , <b>2013</b> , 9, 142-59		10
142	Complete genome sequence of <i>Nitratifractor salsuginis</i> type strain (E9137-1). <i>Standards in Genomic Sciences</i> , <b>2011</b> , 4, 322-30		10
141	Complete genome sequence of the hyperthermophilic chemolithoautotroph <i>Pyrolobus fumarii</i> type strain (1A). <i>Standards in Genomic Sciences</i> , <b>2011</b> , 4, 381-92		10
140	Complete genome sequence of the thermophilic sulfur-reducer <i>Desulfurobacterium thermolithotrophum</i> type strain (BSA(T)) from a deep-sea hydrothermal vent. <i>Standards in Genomic Sciences</i> , <b>2011</b> , 5, 407-15		10
139	Genome sequence of the soil bacterium <i>Saccharomonospora azurea</i> type strain (NA-128(T)). <i>Standards in Genomic Sciences</i> , <b>2012</b> , 6, 220-9		10
138	Complete genome sequence of <i>Sanguibacter keddieii</i> type strain (ST-74). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 110-8		10
137	Complete genome sequence of <i>Kangiella koreensis</i> type strain (SW-125). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 226-33		10
136	Complete genome sequence of <i>Jonesia denitrificans</i> type strain (Prevot 55134). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 262-9		10
135	Complete genome sequence of <i>Kribbella flavida</i> type strain (IFO 14399). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 186-93		10
134	Complete genome sequence of <i>Thermosediminibacter oceani</i> type strain (JW/IW-1228P). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 3, 108-16		10
133	<i>Streptosporangium saharense</i> sp. nov., an actinobacterium isolated from Saharan soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2016</b> , 66, 1371-1376	2.2	10



132	Polyphasic classification of strains isolated from the Karakum Desert and description of sp. nov., sp. nov., sp. nov. and sp. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2020</b> , 70, 636-647	2.2	10
131	Draft Genome Sequence of Frankia Strain G2, a Nitrogen-Fixing Actinobacterium Isolated from Casuarina equisetifolia and Able To Nodulate Actinorhizal Plants of the Order Rhamnales. <i>Genome Announcements</i> , <b>2016</b> , 4,		10
130	Kribbella soli sp. nov., isolated from soil. <i>Antonie Van Leeuwenhoek</i> , <b>2017</b> , 110, 641-649	2.1	9
129	Blastococcus colisei sp. nov, isolated from an archaeological amphitheatre. <i>Antonie Van Leeuwenhoek</i> , <b>2017</b> , 110, 339-346	2.1	9
128	High quality draft genome sequence of Meganema perideroedes str. Gr1(T) and a proposal for its reclassification to the family Meganemaceae fam. nov. <i>Standards in Genomic Sciences</i> , <b>2015</b> , 10, 23		9
127	High quality draft genome sequences of Pseudomonas fulva DSM 17717(T), Pseudomonas parafulva DSM 17004(T) and Pseudomonas cremoricolorata DSM 17059(T) type strains. <i>Standards in Genomic Sciences</i> , <b>2016</b> , 11, 55		9
126	Actinoalloteichus hoggarensis sp. nov., an actinomycete isolated from Saharan soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2015</b> , 65, 2006-2010	2.2	9
125	Genome sequence of the phage-gene rich marine Phaeobacter arcticus type strain DSM 23566(T). <i>Standards in Genomic Sciences</i> , <b>2013</b> , 8, 450-64		9
124	Non-contiguous finished genome sequence of plant-growth promoting Serratia proteamaculans S4. <i>Standards in Genomic Sciences</i> , <b>2013</b> , 8, 441-9		9
123	Complete genome sequence of Desulfurococcus mucosus type strain (O7/1). <i>Standards in Genomic Sciences</i> , <b>2011</b> , 4, 173-82		9
122	Genome sequence of the filamentous, gliding Thiothrix nivea neotype strain (JP2(T)). <i>Standards in Genomic Sciences</i> , <b>2011</b> , 5, 398-406		9
121	Complete genome sequence of Calditerrivibrio nitroreducens type strain (Yu37-1). <i>Standards in Genomic Sciences</i> , <b>2011</b> , 4, 54-62		9
120	Complete genome sequence of the thermophilic sulfate-reducing ocean bacterium Thermodesulfator indicus type strain (CIR29812(T)). <i>Standards in Genomic Sciences</i> , <b>2012</b> , 6, 155-64		9
119	Genome sequence of the Antarctic rhodopsins-containing flavobacterium Gillisia limnaea type strain (R-8282(T)). <i>Standards in Genomic Sciences</i> , <b>2012</b> , 7, 107-19		9
118	Complete genome sequence of Ferrimonas balearica type strain (PAT). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 3, 174-82		9
117	Complete genome sequence of 'Thermobaculum terrenum' type strain (YNP1). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 3, 153-62		9
116	Complete genome sequence of Segniliparus rotundus type strain (CDC 1076). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 203-11		9
115	Actinomadura adrarensis sp. nov., an actinobacterium isolated from Saharan soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2016</b> , 66, 2724-2729	2.2	9

114	Mycobacterium eburneum sp. nov., a non-chromogenic, fast-growing strain isolated from sputum. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2017</b> , 67, 3174-3181	2.2	9
113	Micromonospora orduensis sp. nov., isolated from deep marine sediment. <i>Antonie Van Leeuwenhoek</i> , <b>2020</b> , 113, 397-405	2.1	9
112	Actinopolyspora biskrensis sp. nov., a novel halophilic actinomycete isolated from Northern Sahara. <i>Current Microbiology</i> , <b>2015</b> , 70, 423-8	2.4	8
111	Hunting for cultivable Micromonospora strains in soils of the Atacama Desert. <i>Antonie Van Leeuwenhoek</i> , <b>2018</b> , 111, 1375-1387	2.1	8
110	High quality draft genome sequence of Olivibacter sitiensis type strain (AW-6(T)), a diphenol degrader with genes involved in the catechol pathway. <i>Standards in Genomic Sciences</i> , <b>2014</b> , 9, 783-93		8
109	High quality draft genome sequence of the slightly halophilic bacterium Halomonas zhanjiangensis type strain JSM 078169(T) (DSM 21076(T)) from a sea urchin in southern China. <i>Standards in Genomic Sciences</i> , <b>2014</b> , 9, 1020-30		8
108	Belliella kenyensis sp. nov., isolated from an alkaline lake. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2015</b> , 65, 457-462	2.2	8
107	Genome sequence of the free-living aerobic spirochete Turneriella parva type strain (H(T)), and emendation of the species Turneriella parva. <i>Standards in Genomic Sciences</i> , <b>2013</b> , 8, 228-38		8
106	Genome of the R-body producing marine alphaproteobacterium Labrenzia alexandrii type strain (DFL-11(T)). <i>Standards in Genomic Sciences</i> , <b>2013</b> , 7, 413-26		8
105	Complete genome sequence of Hydrogenobacter thermophilus type strain (TK-6). <i>Standards in Genomic Sciences</i> , <b>2011</b> , 4, 131-43		8
104	Complete genome sequence of Weeksella virosa type strain (9751). <i>Standards in Genomic Sciences</i> , <b>2011</b> , 4, 81-90		8
103	Complete genome sequence of Hirschia baltica type strain (IFAM 1418(T)). <i>Standards in Genomic Sciences</i> , <b>2011</b> , 5, 287-97		8
102	Complete genome sequence of Bacteroides salanitronis type strain (BL78). <i>Standards in Genomic Sciences</i> , <b>2011</b> , 4, 191-9		8
101	Complete genome sequence of Tsukamurella paurometabola type strain (no. 33). <i>Standards in Genomic Sciences</i> , <b>2011</b> , 4, 342-51		8
100	Genome sequence of the moderately thermophilic halophile Flexistipes sinusarabici strain (MAS10). <i>Standards in Genomic Sciences</i> , <b>2011</b> , 5, 86-96		8
99	Complete genome sequence of the facultatively anaerobic, appendaged bacterium Muricauda ruestringensis type strain (B1(T)). <i>Standards in Genomic Sciences</i> , <b>2012</b> , 6, 185-93		8
98	Permanent draft genome sequence of Dethiosulfovibrio peptidovorans type strain (SEBR 4207). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 3, 85-92		8
97	Non-contiguous finished genome sequence of Aminomonas paucivorans type strain (GLU-3). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 3, 285-93		8

96	Complete genome sequence of <i>Vulcanisaeta distributa</i> type strain (IC-017). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 3, 117-25		8
95	Complete genome sequence of <i>Xylanimonas cellulositytica</i> type strain (XIL07). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 1-8		8
94	Nucleotide sequence of the genes encoding the three largest subunits of the DNA-dependent RNA polymerase from the archaeum <i>Thermococcus celer</i> . <i>Nucleic Acids Research</i> , <b>1992</b> , 20, 4659	20.1	8
93	sp. nov., an actinobacterium isolated from desert soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2016</b> , 66, 1034-1038	2.2	8
92	<i>Saccharothrix isguenensis</i> sp. nov., an actinobacterium isolated from desert soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2016</b> , 66, 4785-4790	2.2	8
91	<i>Streptomyces sediminis</i> sp. nov. isolated from crater lake sediment. <i>Antonie Van Leeuwenhoek</i> , <b>2018</b> , 111, 493-500	2.1	8
90	<i>Actinomadura alkaliterrae</i> sp. nov., isolated from an alkaline soil. <i>Antonie Van Leeuwenhoek</i> , <b>2017</b> , 110, 787-794	2.1	7
89	<i>Thermoactinomyces khenchelensis</i> sp. nov., a filamentous bacterium isolated from soil sediment of a terrestrial hot spring. <i>Antonie Van Leeuwenhoek</i> , <b>2016</b> , 109, 311-7	2.1	7
88	<i>Nocardia donostiensis</i> sp. nov., isolated from human respiratory specimens. <i>Antonie Van Leeuwenhoek</i> , <b>2016</b> , 109, 653-60	2.1	7
87	Genome of the marine alphaproteobacterium <i>Hoeflea phototrophica</i> type strain (DFL-43(T)). <i>Standards in Genomic Sciences</i> , <b>2013</b> , 7, 440-8		7
86	Complete genome sequence of <i>Bacteroides helcogenes</i> type strain (P 36-108). <i>Standards in Genomic Sciences</i> , <b>2011</b> , 4, 45-53		7
85	Complete genome sequence of the orange-red pigmented, radioresistant <i>Deinococcus proteolyticus</i> type strain (MRP(T)). <i>Standards in Genomic Sciences</i> , <b>2012</b> , 6, 240-50		7
84	Complete genome sequence of <i>Halopiger xanaduensis</i> type strain (SH-6(T)). <i>Standards in Genomic Sciences</i> , <b>2012</b> , 6, 31-42		7
83	Complete genome sequence of <i>Ilyobacter polytropus</i> type strain (CuHbu1). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 3, 304-14		7
82	Complete genome sequence of <i>Arcanobacterium haemolyticum</i> type strain (11018). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 3, 126-35		7
81	Complete genome sequence of <i>Thermaerobacter marianensis</i> type strain (7p75a). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 3, 337-45		7
80	<i>Micromonospora profundus</i> sp. nov., isolated from deep marine sediment. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2016</b> , 66, 4735-4743	2.2	7
79	<i>Promicromonospora kermanensis</i> sp. nov., an actinobacterium isolated from soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2017</b> , 67, 262-267	2.2	7

78	Brevundimonas canariensis sp. nov., isolated from roots of Triticum aestivum. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2017</b> , 67, 969-973	2.2	7
77	Micromonospora yasonensis sp. nov., isolated from a Black Sea sediment. <i>Antonie Van Leeuwenhoek</i> , <b>2016</b> , 109, 1019-28	2.1	7
76	High quality draft genome of type strain a rock actinobacterium, and emended description of. <i>Standards in Genomic Sciences</i> , <b>2017</b> , 12, 4		6
75	Genome sequence of the pink to light reddish-pigmented Rubellimicrobium mesophilum type strain (DSM 19309(T)), a representative of the Roseobacter group isolated from soil, and emended description of the species. <i>Standards in Genomic Sciences</i> , <b>2014</b> , 9, 902-13		6
74	A novel strain of Actinopolyspora mortivallis with antibacterial activity isolated from a Saharan soil. <i>Annals of Microbiology</i> , <b>2012</b> , 62, 1049-1057	3.2	6
73	Complete genome sequence of the bile-resistant pigment-producing anaerobe Alistipes finegoldii type strain (AHN2437(T)). <i>Standards in Genomic Sciences</i> , <b>2013</b> , 8, 26-36		6
72	Genome sequence of the Litoreibacter arenae type strain (DSM 19593(T)), a member of the Roseobacter clade isolated from sea sand. <i>Standards in Genomic Sciences</i> , <b>2013</b> , 9, 117-27		6
71	Complete genome sequence of Mahella australiensis type strain (50-1 BON). <i>Standards in Genomic Sciences</i> , <b>2011</b> , 4, 331-41		6
70	Complete genome sequence of the thermophilic sulfur-reducer Hippea maritima type strain (MH(2)). <i>Standards in Genomic Sciences</i> , <b>2011</b> , 4, 303-11		6
69	Complete genome sequence of the aerobic, heterotroph Marinithermus hydrothermalis type strain (T1(T)) from a deep-sea hydrothermal vent chimney. <i>Standards in Genomic Sciences</i> , <b>2012</b> , 6, 21-30		6
68	Nakamurella silvestris sp. nov., an actinobacterium isolated from alpine forest soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2016</b> , 66, 5460-5464	2.2	6
67	Reclassification of Mzabimyces algeriensis Saker et al. 2015 as Halopolyspora algeriensis comb. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2017</b> , 67, 2787-2790	2.2	6
66	sp. nov. a novel plant growth-promoting bacterium with potential use in phytoremediation. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2020</b> , 70, 3287-3294	2.2	6
65	Complete genome sequence of strain YIM 002 (DSM 44835), the type species of the genus and source of new antibiotic compounds. <i>Standards in Genomic Sciences</i> , <b>2017</b> , 12, 21		5
64	Actinoalloteichus fjordicus sp. nov. isolated from marine sponges: phenotypic, chemotaxonomic and genomic characterisation. <i>Antonie Van Leeuwenhoek</i> , <b>2017</b> , 110, 1705-1717	2.1	5
63	Diversity and antagonistic properties of culturable halophilic actinobacteria in soils of two arid regions of septentrional Sahara: Mġab and Zibans. <i>Annals of Microbiology</i> , <b>2015</b> , 65, 2241-2253	3.2	5
62	Nocardia arizonensis sp. nov., obtained from human respiratory specimens. <i>Antonie Van Leeuwenhoek</i> , <b>2015</b> , 108, 1129-37	2.1	5
61	Genome-based classification of Micromonospora craterilacus sp. nov., a novel actinobacterium isolated from Nemrut Lake. <i>Antonie Van Leeuwenhoek</i> , <b>2020</b> , 113, 791-801	2.1	5

60	Complete genome sequence of the haloalkaliphilic, obligately chemolithoautotrophic thiosulfate and sulfide-oxidizing <i>ε</i> proteobacterium Thioalkalimicrobium cyclicum type strain ALM 1 (DSM 14477(T)). <i>Standards in Genomic Sciences</i> , <b>2016</b> , 11, 38		5
59	Genome sequence and emended description of <i>Leisingera nanhaiensis</i> strain DSM 24252(T) isolated from marine sediment. <i>Standards in Genomic Sciences</i> , <b>2014</b> , 9, 687-703		5
58	<i>Micrococcus cavernae</i> sp. nov., a novel actinobacterium isolated from Alu ancient cave, Yunnan, South-West China. <i>Antonie Van Leeuwenhoek</i> , <b>2013</b> , 104, 95-101	2.1	5
57	Complete genome sequence of <i>Coriobacterium glomerans</i> type strain (PW2(T)) from the midgut of <i>Pyrrhocoris apterus</i> L. (red soldier bug). <i>Standards in Genomic Sciences</i> , <b>2013</b> , 8, 15-25		5
56	Complete genome sequence of <i>Staphylothermus hellenicus</i> P8. <i>Standards in Genomic Sciences</i> , <b>2011</b> , 5, 12-20		5
55	DNA-rRNA hybridization studies on <i>Halococcus saccharolyticus</i> and other halobacteria. <i>FEMS Microbiology Letters</i> , <b>1993</b> , 111, 69-72	2.9	5
54	Two novel species of rapidly growing mycobacteria: <i>Mycobacterium lehmannii</i> sp. nov. and <i>Mycobacterium neumannii</i> sp. nov. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2017</b> , 67, 4948-4955	2.2	5
53	<i>Kocuria salina</i> sp. nov., an actinobacterium isolated from the rhizosphere of the halophyte <i>Arthrocnemum macrostachyum</i> and emended description of <i>Kocuria turfanaensis</i> . <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2017</b> , 67, 5006-5012	2.2	5
52	<i>Pseudomonas khazarica</i> sp. nov., a polycyclic aromatic hydrocarbon-degrading bacterium isolated from Khazar Sea sediments. <i>Antonie Van Leeuwenhoek</i> , <b>2020</b> , 113, 521-532	2.1	5
51	A study of three bacteria isolated from marine sediment and description of <i>Micromonospora globispora</i> sp. nov. <i>Systematic and Applied Microbiology</i> , <b>2019</b> , 42, 190-197	4.2	5
50	Consent insufficient for data release-Response. <i>Science</i> , <b>2019</b> , 364, 446	33.3	4
49	<i>Caldisaliniibacter kiritimatiensis</i> gen. nov., sp. nov., a Moderately Thermohalophilic Thiosulfate-Reducing Bacterium from a Hypersaline Microbial Mat. <i>Geomicrobiology Journal</i> , <b>2015</b> , 32, 347-354	2.5	4
48	<i>Phytomonospora cypria</i> sp. nov., isolated from soil. <i>Antonie Van Leeuwenhoek</i> , <b>2015</b> , 108, 1425-1432	2.1	4
47	High-quality draft genome sequence of strain AK4OH1, a gammaproteobacterium isolated from estuarine sediment. <i>Standards in Genomic Sciences</i> , <b>2016</b> , 11, 66		4
46	Genome sequence of <i>Shimia</i> str. SK013, a representative of the <i>Roseobacter</i> group isolated from marine sediment. <i>Standards in Genomic Sciences</i> , <b>2016</b> , 11, 25		4
45	<i>Nocardia zapadnayensis</i> sp. nov., isolated from soil. <i>Antonie Van Leeuwenhoek</i> , <b>2016</b> , 109, 95-103	2.1	4
44	Genome sequence of the <i>Thermotoga thermarum</i> type strain (LA3(T)) from an African solfataric spring. <i>Standards in Genomic Sciences</i> , <b>2014</b> , 9, 1105-17		4
43	High-quality-draft genome sequence of the yellow-pigmented flavobacterium <i>Joostella marina</i> type strain (En5(T)). <i>Standards in Genomic Sciences</i> , <b>2013</b> , 8, 37-46		4

42	Permanent draft genome sequences of the symbiotic nitrogen fixing Ensifer meliloti strains BO21CC and AK58. <i>Standards in Genomic Sciences</i> , <b>2013</b> , 9, 325-33		4
41	Genome sequence of the moderately thermophilic sulfur-reducing bacterium <i>Thermanaerovibrio velox</i> type strain (Z-9701(T)) and emended description of the genus <i>Thermanaerovibrio</i> . <i>Standards in Genomic Sciences</i> , <b>2013</b> , 9, 57-70		4
40	Genome sequence of the phylogenetically isolated spirochete <i>Leptonema illini</i> type strain (3055(T)). <i>Standards in Genomic Sciences</i> , <b>2013</b> , 8, 177-87		4
39	Non-contiguous finished genome sequence of <i>Bacteroides coprosuis</i> type strain (PC139). <i>Standards in Genomic Sciences</i> , <b>2011</b> , 4, 233-43		4
38	Complete genome sequence of <i>Tolomonas auensis</i> type strain (TA 4). <i>Standards in Genomic Sciences</i> , <b>2011</b> , 5, 112-20		4
37	Whole Genome Sequence Comparisons in Taxonomy. <i>Methods in Microbiology</i> , <b>2011</b> , 38, 409-436	2.8	4
36	Complete genome sequence of <i>Intrasporangium calvum</i> type strain (7 KIP). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 3, 294-303		4
35	<i>Nocardiopsis mwathae</i> sp. nov., isolated from the haloalkaline Lake Elmenteita in the African Rift Valley. <i>Antonie Van Leeuwenhoek</i> , <b>2016</b> , 109, 421-30	2.1	4
34	<i>Kroppenstedtia pulmonis</i> sp. nov. and <i>Kroppenstedtia sanguinis</i> sp. nov., isolated from human patients. <i>Antonie Van Leeuwenhoek</i> , <b>2016</b> , 109, 603-10	2.1	4
33	Ionizing-radiation-resistant <i>Kocuria rhizophila</i> PT10 isolated from the Tunisian Sahara xerophyte <i>Panicum turgidum</i> : Polyphasic characterization and proteogenomic arsenal. <i>Genomics</i> , <b>2021</b> , 113, 317-330 <sup>4,3</sup>		4
32	<i>Nonomurea insulae</i> sp. nov., isolated from forest soil. <i>Antonie Van Leeuwenhoek</i> , <b>2018</b> , 111, 2051-2059	2.1	4
31	Comparative genomic analysis of eight novel haloalkaliphilic bacteriophages from Lake Elmenteita, Kenya. <i>PLoS ONE</i> , <b>2019</b> , 14, e0212102	3.7	3
30	Complete genome sequence of the bacteriochlorophyll a-containing <i>Roseibacterium elongatum</i> type strain (DSM 19469(T)), a representative of the <i>Roseobacter</i> group isolated from Australian coast sand. <i>Standards in Genomic Sciences</i> , <b>2014</b> , 9, 840-54		3
29	Genome sequence of the reddish-pigmented <i>Rubellimicrobium thermophilum</i> type strain (DSM 16684(T)), a member of the <i>Roseobacter</i> clade. <i>Standards in Genomic Sciences</i> , <b>2013</b> , 8, 480-90		3
28	Complete genome sequence of <i>Oceanithermus profundus</i> type strain (506). <i>Standards in Genomic Sciences</i> , <b>2011</b> , 4, 210-20		3
27	Genome sequence of the ocean sediment bacterium <i>Saccharomonospora marina</i> type strain (XMU15(T)). <i>Standards in Genomic Sciences</i> , <b>2012</b> , 6, 265-75		3
26	Complete genome sequence of <i>Syntrophobotulus glycolicus</i> type strain (FIGlyR). <i>Standards in Genomic Sciences</i> , <b>2011</b> , 4, 371-80		3
25	sp. nov., isolated from growing in the Odiel marshes (Spain) and emended descriptions of and. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2020</b> , 70, 220-227	2.2	3

24	Genome analysis of the marine bacterium <i>Kiloniella laminariae</i> and first insights into comparative genomics with related <i>Kiloniella</i> species. <i>Archives of Microbiology</i> , <b>2020</b> , 202, 815-824	3	3
23	Draft genome sequence of <i>Promicromonospora panici</i> sp. nov., a novel ionizing-radiation-resistant actinobacterium isolated from roots of the desert plant <i>Panicum turgidum</i> . <i>Extremophiles</i> , <b>2021</b> , 25, 25-38	3	3
22	High quality permanent draft genome sequence of DSM 19482, isolated from raw cow milk. <i>Standards in Genomic Sciences</i> , <b>2017</b> , 12, 31		2
21	Formal description of <i>Mycobacterium neglectum</i> sp. nov. and <i>Mycobacterium palauense</i> sp. nov., rapidly growing actinobacteria. <i>Antonie Van Leeuwenhoek</i> , <b>2018</b> , 111, 1209-1223	2.1	2
20	Genome sequence of the <i>Wenxinia marina</i> type strain (DSM 24838(T)), a representative of the <i>Roseobacter</i> group isolated from oilfield sediments. <i>Standards in Genomic Sciences</i> , <b>2014</b> , 9, 855-65		2
19	Complete genome sequence of the halophilic bacterium <i>Spirochaeta africana</i> type strain (Z-7692(T)) from the alkaline Lake Magadi in the East African Rift. <i>Standards in Genomic Sciences</i> , <b>2013</b> , 8, 165-76		2
18	Non-contiguous finished genome sequence of the opportunistic oral pathogen <i>Prevotella multisaccharivorax</i> type strain (PPPA20). <i>Standards in Genomic Sciences</i> , <b>2011</b> , 5, 41-9		2
17	Genomic Encyclopedia of Bacteria and Archaea (GEBA) VI: learning from type strains. <i>Microbiology Australia</i> , <b>2019</b> , 40, 125	0.8	2
16	High-quality draft genome sequences of DSM 14164, DSM 17497, DSM 15088, DSM 21245 and DSM 16006: taxonomic considerations. <i>Access Microbiology</i> , <b>2019</b> , 1, e000067	1	2
15	Mixotrophic Iron-Oxidizing Isolates from an Acid Mine Drainage-Affected Creek. <i>Applied and Environmental Microbiology</i> , <b>2020</b> , 86,	4.8	2
14	<i>Jiangella anatolica</i> sp. nov. isolated from coastal lake soil. <i>Antonie Van Leeuwenhoek</i> , <b>2019</b> , 112, 887-895	2.1	2
13	<i>Jonesia luteola</i> sp. nov., a bacterium isolated from Xinjiang Province, China. <i>Antonie Van Leeuwenhoek</i> , <b>2015</b> , 108, 611-8	2.1	1
12	Isolation, Classification and Antagonistic Properties of Alkalitolerant Actinobacteria from Algerian Saharan Soils. <i>Geomicrobiology Journal</i> , <b>2020</b> , 37, 826-836	2.5	1
11	Draft genome sequence of CL-YJ9 (DSM 18822), isolated from the rhizosphere of the coastal tidal-flat plant. <i>Standards in Genomic Sciences</i> , <b>2017</b> , 12, 65		1
10	Genome sequence and comparative analysis of <i>Jiangella alba</i> YIM 61503 isolated from a medicinal plant <i>Maytenus austroyunnanensis</i> . <i>Antonie Van Leeuwenhoek</i> , <b>2018</b> , 111, 667-678	2.1	1
9	High-quality draft genome sequence of <i>Flavobacterium suncheonense</i> GH29-5(T) (DSM 17707(T)) isolated from greenhouse soil in South Korea, and emended description of <i>Flavobacterium suncheonense</i> GH29-5(T). <i>Standards in Genomic Sciences</i> , <b>2016</b> , 11, 42		1
8	High quality permanent draft genome sequence of <i>Phaseolibacter flectens</i> ATCC 12775(T), a plant pathogen of French bean pods. <i>Standards in Genomic Sciences</i> , <b>2016</b> , 11, 4		1
7	Genomic Insight into Three Marine sp. Strains from the Gulf of California. <i>Microbiology Resource Announcements</i> , <b>2019</b> , 8,	1.3	1

6	High-quality draft genome sequence of <i>Gracilimonas tropica</i> CL-CB462(T) (DSM 19535(T)), isolated from a <i>Synechococcus</i> culture. <i>Standards in Genomic Sciences</i> , <b>2015</b> , 10, 98		1
5	Genome sequence of the chemoheterotrophic soil bacterium <i>Saccharomonospora cyanea</i> type strain (NA-134(T)). <i>Standards in Genomic Sciences</i> , <b>2013</b> , 9, 28-41		1
4	Genome sequence of <i>Frateuria aurantia</i> type strain (Kond67(T)), a xanthomonade isolated from <i>Lilium auratum</i> Lindl. <i>Standards in Genomic Sciences</i> , <b>2013</b> , 9, 83-92		1
3	Permanent draft genome sequence of the gliding predator <i>Saprospira grandis</i> strain Sa g1 (= HR1). <i>Standards in Genomic Sciences</i> , <b>2012</b> , 6, 210-9		1
2	sp. nov., a home for a gifted strain isolated from Indonesian sand dune soil. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2020</b> , 70, 4874-4882	2.2	1
1	Genome sequence of the flexirubin-pigmented soil bacterium <i>Niabella soli</i> type strain (JS13-8(T)). <i>Standards in Genomic Sciences</i> , <b>2012</b> , 7, 210-20		0