

# Alex Copeland

## List of Publications by Citations

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106  
papers

9,490  
citations

31  
h-index

97  
g-index

110  
ext. papers

12,241  
ext. citations

13.7  
avg, IF

4.99  
L-index

#	Paper	IF	Citations
106	Nonhybrid, finished microbial genome assemblies from long-read SMRT sequencing data. <i>Nature Methods</i> , <b>2013</b> , 10, 563-9	21.6	2823
105	The Paleozoic origin of enzymatic lignin decomposition reconstructed from 31 fungal genomes. <i>Science</i> , <b>2012</b> , 336, 1715-9	33.3	1129
104	A phylogeny-driven genomic encyclopaedia of Bacteria and Archaea. <i>Nature</i> , <b>2009</b> , 462, 1056-60	50.4	803
103	Minimum information about a single amplified genome (MISAG) and a metagenome-assembled genome (MIMAG) of bacteria and archaea. <i>Nature Biotechnology</i> , <b>2017</b> , 35, 725-731	44.5	648
102	Convergent losses of decay mechanisms and rapid turnover of symbiosis genes in mycorrhizal mutualists. <i>Nature Genetics</i> , <b>2015</b> , 47, 410-5	36.3	601
101	A bioinformatician's guide to metagenomics. <i>Microbiology and Molecular Biology Reviews</i> , <b>2008</b> , 72, 557-78, Table of Contents	13.2	292
100	Assembling the marine metagenome, one cell at a time. <i>PLoS ONE</i> , <b>2009</b> , 4, e5299	3.7	270
99	Phylogenetic and phylogenomic overview of the Polyporales. <i>Mycologia</i> , <b>2013</b> , 105, 1350-73	2.4	199
98	One bacterial cell, one complete genome. <i>PLoS ONE</i> , <b>2010</b> , 5, e10314	3.7	184
97	<i>Deinococcus geothermalis</i> : the pool of extreme radiation resistance genes shrinks. <i>PLoS ONE</i> , <b>2007</b> , 2, e955	3.7	179
96	High-resolution phylogenetic microbial community profiling. <i>ISME Journal</i> , <b>2016</b> , 10, 2020-32	11.9	161
95	The fast changing landscape of sequencing technologies and their impact on microbial genome assemblies and annotation. <i>PLoS ONE</i> , <b>2012</b> , 7, e48837	3.7	112
94	Ectomycorrhizal ecology is imprinted in the genome of the dominant symbiotic fungus <i>Cenococcum geophilum</i> . <i>Nature Communications</i> , <b>2016</b> , 7, 12662	17.4	97
93	Complete genome sequence of <i>Kytococcus sedentarius</i> type strain (541). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 12-20		94
92	Genomic differentiation among wild cyanophages despite widespread horizontal gene transfer. <i>BMC Genomics</i> , <b>2016</b> , 17, 930	4.5	75
91	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
90	Omega: an overlap-graph de novo assembler for metagenomics. <i>Bioinformatics</i> , <b>2014</b> , 30, 2717-22	7.2	67

89	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
88	Next generation sequencing data of a defined microbial mock community. <i>Scientific Data</i> , <b>2016</b> , 3, 16008812		55
87	Complete genome sequence of <i>Haliangium ochraceum</i> type strain (SMP-2). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 96-106		53
86	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
85	Complete genome sequence of <i>Rhizobium leguminosarum</i> bv. <i>trifolii</i> strain WSM1325, an effective microsymbiont of annual Mediterranean clovers. <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 347-56		45
84	Shotgun metagenome data of a defined mock community using Oxford Nanopore, PacBio and Illumina technologies. <i>Scientific Data</i> , <b>2019</b> , 6, 285	8.2	36
83	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
82	Complete genome sequence of <i>Spirosoma linguale</i> type strain (1). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 176-85		35
81	Complete genome sequence of <i>Desulfotomaculum acetoxidans</i> type strain (5575). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 242-53		33
80	Complete genome sequence of <i>Actinosynnema mirum</i> type strain (101). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 46-53		32
79	Complete genome sequence of <i>Arcobacter nitrofigilis</i> type strain (CI). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 300-8		32
78	Complete genome sequence of <i>Rhodospirillum rubrum</i> type strain (S1). <i>Standards in Genomic Sciences</i> , <b>2011</b> , 4, 293-302		31
77	The genome sequence of <i>Methanohalophilus mahii</i> SLP(T) reveals differences in the energy metabolism among members of the Methanosarcinaceae inhabiting freshwater and saline environments. <i>Archaea</i> , <b>2010</b> , 2010, 690737	2	31
76	Complete genome sequence of <i>Eggerthella lenta</i> type strain (IPP VPI 0255). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 174-82		31
75	Complete genome sequence of <i>Desulfomicrobium baculatum</i> type strain (X). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 29-37		30
74	Complete genome sequence of <i>Halomicrobium mukohataei</i> type strain (arg-2). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 270-7		30
73	Complete genome sequence of <i>Veillonella parvula</i> type strain (Te3). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 57-65		29
72	Metagenomic analysis of microbial consortium from natural crude oil that seeps into the marine ecosystem offshore Southern California. <i>Standards in Genomic Sciences</i> , <b>2014</b> , 9, 1259-74		28

71	Complete genome sequence of the halophilic and highly halotolerant <i>Chromohalobacter salexigens</i> type strain (1H11(T)). <i>Standards in Genomic Sciences</i> , <b>2011</b> , 5, 379-88	28
70	Complete genome sequence of <i>Meiothermus ruber</i> type strain (21). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 3, 26-36	28
69	Complete genome sequence of <i>Haloterrigena turkmenica</i> type strain (4k). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 107-16	28
68	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
67	Complete genome sequence of <i>Desulfarculus baarsii</i> type strain (2st14). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 3, 276-84	27
66	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
65	Complete genome sequence of <i>Sulfurospirillum deleyianum</i> type strain (5175). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 149-57	24
64	Complete genome sequence of <i>Halogeometricum borinquense</i> type strain (PR3). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 150-9	22
63	Complete genome sequence of <i>Halorhabdus utahensis</i> type strain (AX-2). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 218-25	21
62	Complete genome sequence of <i>Saccharomonospora viridis</i> type strain (P101). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 141-9	21
61	Complete genome sequence of <i>Atopobium parvulum</i> type strain (IPP 1246). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 166-73	21
60	Complete genome sequence of <i>Rhodothermus marinus</i> type strain (R-10). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 283-90	20
59	Complete genome sequence of <i>Alicyclobacillus acidocaldarius</i> type strain (104-IA). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 9-18	20
58	Complete genome sequence of <i>Sphaerobacter thermophilus</i> type strain (S 6022). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 49-56	20
57	Complete genome sequence of <i>Archaeoglobus profundus</i> type strain (AV18). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 327-46	20
56	Complete genome sequence of <i>Catenulispora acidiphila</i> type strain (ID 139908). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 119-25	19
55	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
54	Complete genome sequence of <i>Dyadobacter fermentans</i> type strain (NS114). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 133-40	19

53	Complete genome sequence of <i>Thermanaerovibrio acidaminovorans</i> type strain (Su883). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 254-61	19
52	Complete genome sequence of <i>Acidaminococcus fermentans</i> type strain (VR4). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 3, 1-14	19
51	Complete genome sequence of <i>Gordonia bronchialis</i> type strain (3410). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 19-28	19
50	Complete genome sequence of the sulfate-reducing firmicute <i>Desulfotomaculum ruminis</i> type strain (DL(T)). <i>Standards in Genomic Sciences</i> , <b>2012</b> , 7, 304-19	18
49	Complete genome sequence of <i>Anaerococcus prevotii</i> type strain (PC1). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 159-65	18
48	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
47	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
46	Complete genome sequence of <i>Thermobispora bispora</i> type strain (R51). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 318-26	18
45	Complete genome sequence of <i>Leptotrichia buccalis</i> type strain (C-1013-b). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 126-32	17
44	Complete genome sequence of <i>Desulfohalobium retbaense</i> type strain (HR(100)). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 38-48	17
43	Complete genome sequence of the aquatic bacterium <i>Runella slithyformis</i> type strain (LSU 4(T)). <i>Standards in Genomic Sciences</i> , <b>2012</b> , 6, 145-54	16
42	Complete genome sequence of <i>Streptobacillus moniliformis</i> type strain (9901). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 300-7	16
41	Complete genome sequence of <i>Slackia heliotrinireducens</i> type strain (RHS 1). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 234-41	16
40	Complete genome sequence of <i>Stackebrandtia nassauensis</i> type strain (LLR-40K-21). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 234-41	16
39	Complete genome sequence of <i>Meiothermus silvanus</i> type strain (VI-R2). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 3, 37-46	16
38	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
37	Complete genome sequence of <i>Sebaldella termitidis</i> type strain (NCTC 11300). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 220-7	16
36	Draft genome sequences of 10 strains of the genus <i>exiguobacterium</i> . <i>Genome Announcements</i> , <b>2014</b> , 2,	15

35	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
34	Complete genome sequence of <i>Conexibacter woesei</i> type strain (ID131577). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 212-9		15
33	Complete genome sequence of <i>Thermocrinis albus</i> type strain (HI 11/12). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 194-202		14
32	Microbial metagenomes and metatranscriptomes during a coastal phytoplankton bloom. <i>Scientific Data</i> , <b>2019</b> , 6, 129	8.2	13
31	Complete genome sequence of <i>Cryptobacterium curtum</i> type strain (12-3). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 93-100		13
30	Complete Genome Sequences of <i>Caldicellulosiruptor</i> sp. Strain Rt8.B8, <i>Caldicellulosiruptor</i> sp. Strain Wai35.B1, and " <i>Thermoanaerobacter cellulolyticus</i> ". <i>Genome Announcements</i> , <b>2015</b> , 3,		12
29	Complete genome sequence of <i>Capnocytophaga ochracea</i> type strain (VPI 2845). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 101-9		12
28	Complete genome sequence of <i>Thermosphaera aggregans</i> type strain (M11TL). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 245-59		12
27	DOE JGI Metagenome Workflow. <i>MSystems</i> , <b>2021</b> , 6,	7.6	12
26	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
25	Complete genome sequence of <i>Denitrovibrio acetiphilus</i> type strain (N2460). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 270-9		11
24	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
23	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
22	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
21	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
20	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
19	Complete genome sequence of <i>Segniliparus rotundus</i> type strain (CDC 1076). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 203-11		9
18	Genome Sequence of <i>Porticoccus hydrocarbonoclasticus</i> Strain MCTG13d, an Obligate Polycyclic Aromatic Hydrocarbon-Degrading Bacterium Associated with Marine Eukaryotic Phytoplankton. <i>Genome Announcements</i> , <b>2015</b> , 3,		8

17	Non-contiguous finished genome sequence of <i>Aminomonas paucivorans</i> type strain (GLU-3). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 3, 285-93		8
16	Shotgun metagenomic analysis of microbial communities from the Loxahatchee nature preserve in the Florida Everglades. <i>Environmental Microbiomes</i> , <b>2020</b> , 15, 2	5.6	7
15	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
14	Complete genome sequence of <i>Thermaerobacter marianensis</i> type strain (7p75a). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 3, 337-45		7
13	High quality draft genome sequence of <i>Leucobacter chironomi</i> strain MM2LB(T) (DSM 19883(T)) isolated from a <i>Chironomus</i> sp. egg mass. <i>Standards in Genomic Sciences</i> , <b>2015</b> , 10, 21		6
12	Genome Sequence of <i>Halomonas</i> sp. Strain MCTG39a, a Hydrocarbon-Degrading and Exopolymeric Substance-Producing Bacterium. <i>Genome Announcements</i> , <b>2015</b> , 3,		6
11	Complete genome sequence of the aerobic, heterotroph <i>Marinithermus hydrothermalis</i> type strain (T1(T)) from a deep-sea hydrothermal vent chimney. <i>Standards in Genomic Sciences</i> , <b>2012</b> , 6, 21-30		6
10	Genome Sequence of <i>Arenibacter algicola</i> Strain TG409, a Hydrocarbon-Degrading Bacterium Associated with Marine Eukaryotic Phytoplankton. <i>Genome Announcements</i> , <b>2016</b> , 4,		6
9	High-quality permanent draft genome sequence of the extremely osmotolerant diphenol degrading bacterium <i>Halotalea alkalilenta</i> AW-7(T), and emended description of the genus <i>Halotalea</i> . <i>Standards in Genomic Sciences</i> , <b>2015</b> , 10, 52		4
8	Genome Sequence of <i>Polycyclovorans algicola</i> Strain TG408, an Obligate Polycyclic Aromatic Hydrocarbon-Degrading Bacterium Associated with Marine Eukaryotic Phytoplankton. <i>Genome Announcements</i> , <b>2015</b> , 3,		4
7	Complete genome sequence of <i>Tolumonas auensis</i> type strain (TA 4). <i>Standards in Genomic Sciences</i> , <b>2011</b> , 5, 112-20		4
6	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
5	Genome Sequence of sp. Strain MCTG156(1a), Isolated from a Scottish Coastal Phytoplankton Net Sample. <i>Genome Announcements</i> , <b>2017</b> , 5,		2
4	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
3	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
2	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
1	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