

Konstantinos Liolios

List of Publications by Year in descending order

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115
papers

15,541
citations

147786
31
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109
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115
docs citations

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8329
citing authors

#	ARTICLE	IF	CITATIONS
1	The Genomes On Line Database (GOLD) in 2009: status of genomic and metagenomic projects and their associated metadata. <i>Nucleic Acids Research</i> , 2010, 38, D346-D354.	14.5	6,188
2	The Genomes OnLine Database (GOLD) v.4: status of genomic and metagenomic projects and their associated metadata. <i>Nucleic Acids Research</i> , 2012, 40, D571-D579.	14.5	4,241
3	A Host-Targeting Signal in Virulence Proteins Reveals a Secretome in Malarial Infection. <i>Science</i> , 2004, 306, 1934-1937.	12.6	761
4	A Catalog of Reference Genomes from the Human Microbiome. <i>Science</i> , 2010, 328, 994-999.	12.6	621
5	The Genomes On Line Database (GOLD) in 2007: status of genomic and metagenomic projects and their associated metadata. <i>Nucleic Acids Research</i> , 2007, 36, D475-D479.	14.5	293
6	IMG/M: the integrated metagenome data management and comparative analysis system. <i>Nucleic Acids Research</i> , 2012, 40, D123-D129.	14.5	242
7	The Genomes On Line Database (GOLD) v.2: a monitor of genome projects worldwide. <i>Nucleic Acids Research</i> , 2006, 34, D332-D334.	14.5	220
8	The ERGOTM genome analysis and discovery system. <i>Nucleic Acids Research</i> , 2003, 31, 164-171.	14.5	207
9	The Malarial Host-Targeting Signal Is Conserved in the Irish Potato Famine Pathogen. <i>PLoS Pathogens</i> , 2006, 2, e50.	4.7	189
10	The Malaria Secretome: From Algorithms to Essential Function in Blood Stage Infection. <i>PLoS Pathogens</i> , 2008, 4, e1000084.	4.7	133
11	Non-contiguous finished genome sequence and contextual data of the filamentous soil bacterium <i>Ktedonobacter racemifer</i> type strain (SOSP1-21T). <i>Standards in Genomic Sciences</i> , 2011, 5, 97-111.	1.5	115
12	The "Most Wanted" Taxa from the Human Microbiome for Whole Genome Sequencing. <i>PLoS ONE</i> , 2012, 7, e41294.	2.5	104
13	Complete genome sequence of <i>Odoribacter splanchnicus</i> type strain (1651/6T). <i>Standards in Genomic Sciences</i> , 2011, 4, 200-209.	1.5	96
14	Complete genome sequence of <i>Planctomyces brasiliensis</i> type strain (DSM 5305T), phylogenomic analysis and reclassification of Planctomycetes including the descriptions of <i>Gimesia</i> gen. nov., <i>Planctopirus</i> gen. nov. and <i>Rubinisphaera</i> gen. nov. and emended descriptions of the order Planctomycetales and the family Planctomycetaceae. <i>Standards in Genomic Sciences</i> , 2014, 9, 10.	1.5	76
15	Comparative genome analysis of <i>Bacillus cereus</i> group genomes with <i>Bacillus subtilis</i> . <i>FEMS Microbiology Letters</i> , 2005, 250, 175-184.	1.8	73
16	Complete genome sequence of the termite hindgut bacterium <i>Spirochaeta coccoides</i> type strain (SPN1T), reclassification in the genus <i>Sphaerochaeta</i> as <i>Sphaerochaeta coccoides</i> comb. nov. and emendations of the family Spirochaetaceae and the genus <i>Sphaerochaeta</i> . <i>Standards in Genomic Sciences</i> , 2012, 6, 194-209.	1.5	58
17	Complete genome sequence of <i>Desulfobulbus propionicus</i> type strain (1pr3T). <i>Standards in Genomic Sciences</i> , 2011, 4, 100-110.	1.5	51
18	Complete Genome Sequence of <i>Clostridium clariflavum</i> DSM 19732. <i>Standards in Genomic Sciences</i> , 2012, 6, 104-115.	1.5	48

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19	Complete genome sequence of <i>Truepera radiovictrix</i> type strain (RQ-24T). <i>Standards in Genomic Sciences</i> , 2011, 4, 91-99.	1.5	46
20	Complete genome sequence of <i>Isosphaera pallida</i> type strain (IS1BT). <i>Standards in Genomic Sciences</i> , 2011, 4, 63-71.	1.5	46
21	Genome sequence of the thermophilic fresh-water bacterium <i>Spirochaeta caldaria</i> type strain (H1T), 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> . <i>Standards in Genomic Sciences</i> , 2013, 8, 88-105.	1.5	44
22	Complete genome sequence of <i>Olsenella uli</i> type strain (VPI D76D-27CT). <i>Standards in Genomic Sciences</i> , 2010, 3, 76-84.	1.5	43
23	IMG/M-HMP: A Metagenome Comparative Analysis System for the Human Microbiome Project. <i>PLoS ONE</i> , 2012, 7, e40151.	2.5	43
24	Complete genome sequence of <i>Treponema succinifaciens</i> type strain (6091T). <i>Standards in Genomic Sciences</i> , 2011, 4, 361-370.	1.5	41
25	Complete genome sequence of <i>Arcobacter nitrofigilis</i> type strain (CIT). <i>Standards in Genomic Sciences</i> , 2010, 2, 300-308.	1.5	40
26	Complete genome sequence of <i>Cellulomonas flavigena</i> type strain (134T). <i>Standards in Genomic Sciences</i> , 2010, 3, 15-25.	1.5	38
27	Complete genome sequence of the sulfur compounds oxidizing chemolithoautotroph <i>Sulfuricurvum kujiense</i> type strain (YK-1T). <i>Standards in Genomic Sciences</i> , 2012, 6, 94-103.	1.5	37
28	Complete genome sequence of <i>Sulfurimonas autotrophica</i> type strain (OK10T). <i>Standards in Genomic Sciences</i> , 2010, 3, 194-202.	1.5	37
29	Complete genome sequence of the extremely halophilic <i>Halanaerobium praevalens</i> type strain (GSLT). <i>Standards in Genomic Sciences</i> , 2011, 4, 312-321.	1.5	36
30	Complete genome sequence of <i>Thermomonospora curvata</i> type strain (B9T). <i>Standards in Genomic Sciences</i> , 2011, 4, 13-22.	1.5	35
31	Complete genome sequence of <i>Sebaldella termitidis</i> type strain (NCTC 11300T). <i>Standards in Genomic Sciences</i> , 2010, 2, 220-227.	1.5	34
32	Complete genome sequence of <i>Meiothermus ruber</i> type strain (21T). <i>Standards in Genomic Sciences</i> , 2010, 3, 26-36.	1.5	33
33	A call for standardized classification of metagenome projects. <i>Environmental Microbiology</i> , 2010, 12, 1803-1805.	3.8	33
34	Complete genome sequence of <i>Cellulophaga lytica</i> type strain (LIM-21T). <i>Standards in Genomic Sciences</i> , 2011, 4, 221-232.	1.5	33
35	Complete genome sequence of <i>Aminobacterium colombiense</i> type strain (ALA-1T). <i>Standards in Genomic Sciences</i> , 2010, 2, 280-289.	1.5	32
36	Complete genome sequence of <i>Planctomyces limnophilus</i> type strain (MÅ¼ 290T). <i>Standards in Genomic Sciences</i> , 2010, 3, 47-56.	1.5	31

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37	Complete genome sequence of <i>Acidaminococcus fermentans</i> type strain (VR4T). Standards in Genomic Sciences, 2010, 3, 1-14.	1.5	31
38	Complete genome sequence of <i>Arthrobacter phenanthrenivorans</i> type strain (Sphe3). Standards in Genomic Sciences, 2011, 4, 123-130.	1.5	31
39	Complete genome sequence of <i>Paludibacter propionigenes</i> type strain (WB4T). Standards in Genomic Sciences, 2011, 4, 36-44.	1.5	30
40	Complete genome sequence of <i>Coralimargarita akajimensis</i> type strain (04OKA010-24T). Standards in Genomic Sciences, 2010, 2, 290-299.	1.5	28
41	Complete genome sequence of <i>Cellulophaga algicola</i> type strain (IC166T). Standards in Genomic Sciences, 2011, 4, 72-80.	1.5	28
42	Complete genome sequence of <i>Archaeoglobus profundus</i> type strain (AV18T). Standards in Genomic Sciences, 2010, 2, 327-346.	1.5	26
43	Complete genome sequence of <i>Haliscomenobacter hydrossis</i> type strain (OT). Standards in Genomic Sciences, 2011, 4, 352-360.	1.5	26
44	Genome sequence of the moderately thermophilic, amino-acid-degrading and sulfur-reducing bacterium <i>Thermovirga lienii</i> type strain (Cas60314T). Standards in Genomic Sciences, 2012, 6, 230-239.	1.5	26
45	Genome sequence of the homoacetogenic bacterium <i>Holophaga foetida</i> type strain (TMBS4T). Standards in Genomic Sciences, 2012, 6, 174-184.	1.5	26
46	Complete genome sequence of the acetate-degrading sulfate reducer <i>Desulfobacca acetoxidans</i> type strain (ASRB2T). Standards in Genomic Sciences, 2011, 4, 393-401.	1.5	25
47	Complete genome sequence of <i>Acetohalobium arabaticum</i> type strain (Z-7288T). Standards in Genomic Sciences, 2010, 3, 57-65.	1.5	24
48	Complete genome sequence of the aquatic bacterium <i>Runella slithyformis</i> type strain (LSU 4T). Standards in Genomic Sciences, 2012, 6, 145-154.	1.5	24
49	Complete genome sequence of <i>Thermobispora bispora</i> type strain (R51T). Standards in Genomic Sciences, 2010, 2, 318-326.	1.5	23
50	Complete genome sequence of the gliding freshwater bacterium <i>Fluviicola taffensis</i> type strain (RW262T). Standards in Genomic Sciences, 2011, 5, 21-29.	1.5	23
51	Complete genome sequence of the moderately thermophilic mineral-sulfide-oxidizing firmicute <i>Sulfobacillus acidophilus</i> type strain (NALT). Standards in Genomic Sciences, 2012, 6, 293-303.	1.5	23
52	Complete genome sequence of <i>Leadbetterella byssophila</i> type strain (4M15T). Standards in Genomic Sciences, 2011, 4, 2-12.	1.5	22
53	Genome sequence of the filamentous, gliding <i>Thiothrix nivea</i> neotype strain (JP2T). Standards in Genomic Sciences, 2011, 5, 398-406.	1.5	22
54	Complete genome sequence of <i>Mycobacterium</i> sp. strain (Spyr1) and reclassification to <i>Mycobacterium gilvum</i> Spyr1. Standards in Genomic Sciences, 2011, 5, 144-153.	1.5	22

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55	Genome sequence of the mud-dwelling archaeon <i>Methanoplanus limicola</i> type strain (DSM 2279T), 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> , 2014, 9, 1076-1088.	1.5	22
56	Complete genome sequence of <i>Brachyspira murdochii</i> type strain (56-150T). <i>Standards in Genomic Sciences</i> , 2010, 2, 260-269.	1.5	20
57	Complete genome sequence of <i>Riemerella anatipestifer</i> type strain (ATCC 11845). <i>Standards in Genomic Sciences</i> , 2011, 4, 144-53.	1.5	20
58	Complete genome sequence of <i>Meiothermus silvanus</i> type strain (VI-R2T). <i>Standards in Genomic Sciences</i> , 2010, 3, 37-46.	1.5	19
59	Complete genome sequence of <i>Spirochaeta smaragdinae</i> type strain (SEBR 4228T). <i>Standards in Genomic Sciences</i> , 2010, 3, 1-9.	1.5	18
60	Complete genome sequence of <i>Marivirga tractuosa</i> type strain (H-43T). <i>Standards in Genomic Sciences</i> , 2011, 4, 154-162.	1.5	18
61	Complete genome sequence of <i>Methanothermus fervidus</i> type strain (V24ST). <i>Standards in Genomic Sciences</i> , 2010, 3, 315-324.	1.5	17
62	Complete genome sequence of <i>Mesorhizobium ciceri</i> bv. <i>biserrulae</i> type strain (WSM1271T). <i>Standards in Genomic Sciences</i> , 2013, 9, 462-472.	1.5	17
63	Complete genome sequence of <i>Denitrovibrio acetiphilus</i> type strain (N2460T). <i>Standards in Genomic Sciences</i> , 2010, 2, 270-279.	1.5	16
64	Complete genome sequence of the gliding, heparinolytic <i>Pedobacter saltans</i> type strain (113T). <i>Standards in Genomic Sciences</i> , 2011, 5, 30-40.	1.5	16
65	Genome sequence of the Antarctic rhodopsins-containing flavobacterium <i>Gillisia limnaea</i> type strain (R-8282T). <i>Standards in Genomic Sciences</i> , 2012, 7, 107-119.	1.5	16
66	Complete genome sequence of <i>Ignisphaera aggregans</i> type strain (AQ1.S1T). <i>Standards in Genomic Sciences</i> , 2010, 3, 66-75.	1.5	15
67	Complete genome sequence of <i>Weeksella virosa</i> type strain (9751T). <i>Standards in Genomic Sciences</i> , 2011, 4, 81-90.	1.5	15
68	Complete genome sequence of <i>Ferrimonas balearica</i> type strain (PATT). <i>Standards in Genomic Sciences</i> , 2010, 3, 174-182.	1.5	14
69	Complete genome sequence of <i>Bacteroides helcogenes</i> type strain (P 36-108T). <i>Standards in Genomic Sciences</i> , 2011, 4, 45-53.	1.5	14
70	Complete genome sequence of <i>Deinococcus maricopensis</i> type strain (LB-34T). <i>Standards in Genomic Sciences</i> , 2011, 4, 163-172.	1.5	14
71	Complete genome sequence of the thermophilic sulfate-reducing ocean bacterium <i>Thermodesulfator indicus</i> type strain (CIR29812T). <i>Standards in Genomic Sciences</i> , 2012, 6, 155-164.	1.5	14
72	Complete genome sequence of the orange-red pigmented, radioresistant <i>Deinococcus proteolyticus</i> type strain (MRPT). <i>Standards in Genomic Sciences</i> , 2012, 6, 240-250.	1.5	14

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73	Complete genome sequence of <i>Methanoplanus petrolearius</i> type strain (SEBR 4847T). Standards in Genomic Sciences, 2010, 3, 203-211.	1.5	14
74	Complete genome sequence of <i>Syntrophothermus lipocalidus</i> type strain (TGB-C1T). Standards in Genomic Sciences, 2010, 3, 268-275.	1.5	13
75	Complete genome sequence of <i>Nitratifactor salsuginis</i> type strain (E9I37-1T). Standards in Genomic Sciences, 2011, 4, 322-330.	1.5	13
76	Complete genome sequence of the hyperthermophilic chemolithoautotroph <i>Pyrolobus fumarii</i> type strain (1AT). Standards in Genomic Sciences, 2011, 4, 381-392.	1.5	13
77	Genome sequence of <i>Ensifer meliloti</i> strain WSM1022; a highly effective microsymbiont of the model legume <i>Medicago truncatula</i> A17. Standards in Genomic Sciences, 2013, 9, 315-324.	1.5	13
78	Complete genome sequence of <i>Thermosediminibacter oceani</i> type strain (JW/IW-1228PT). Standards in Genomic Sciences, 2010, 3, 108-116.	1.5	12
79	Complete genome sequence of <i>Hydrogenobacter thermophilus</i> type strain (TK-6T). Standards in Genomic Sciences, 2011, 4, 131-143.	1.5	12
80	Genome sequence of the moderately thermophilic halophile <i>Flexistipes sinusarabici</i> strain (MAS10T). Standards in Genomic Sciences, 2011, 5, 86-96.	1.5	12
81	Complete genome sequence of the bile-resistant pigment-producing anaerobe <i>Alistipes finegoldii</i> type strain (AHN2437T). Standards in Genomic Sciences, 2013, 8, 26-36.	1.5	12
82	Complete genome sequence of <i>Mesorhizobium opportunistum</i> type strain WSM2075T. Standards in Genomic Sciences, 2013, 9, 294-303.	1.5	12
83	Genome sequence of <i>Ensifer</i> sp. TW10; a <i>Tephrosia wallichii</i> (Biyani) microsymbiont native to the Indian Thar Desert. Standards in Genomic Sciences, 2013, 9, 304-314.	1.5	12
84	Complete genome sequence of <i>Thermobaculum terrenum</i> ™ type strain (YNP1T). Standards in Genomic Sciences, 2010, 3, 153-162.	1.5	11
85	Complete genome sequence of the thermophilic sulfur-reducer <i>Desulfurobacterium thermolithotrophum</i> type strain (BSAT) from a deep-sea hydrothermal vent. Standards in Genomic Sciences, 2011, 5, 407-415.	1.5	11
86	Complete genome sequence of <i>Bacteroides salanitronis</i> type strain (BL78T). Standards in Genomic Sciences, 2011, 4, 191-199.	1.5	11
87	Genome sequence of the orange-pigmented seawater bacterium <i>Owenweeksia hongkongensis</i> type strain (UST20020801T). Standards in Genomic Sciences, 2012, 7, 120-130.	1.5	11
88	High-quality-draft genome sequence of the yellow-pigmented flavobacterium <i>Joostella marina</i> type strain (En5T). Standards in Genomic Sciences, 2013, 8, 37-46.	1.5	11
89	Complete genome sequence of the moderate thermophile <i>Anaerobaculum mobile</i> type strain (NGAT). Standards in Genomic Sciences, 2013, 8, 47-57.	1.5	11
90	Genome sequence of the free-living aerobic spirochete <i>Turneriella parva</i> type strain (HT), and emendation of the species <i>Turneriella parva</i> . Standards in Genomic Sciences, 2013, 8, 228-238.	1.5	11

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91	Complete genome sequence of <i>Mesorhizobium australicum</i> type strain (WSM2073T). Standards in Genomic Sciences, 2013, 9, 410-419.	1.5	11
92	Complete genome sequence of <i>Ilyobacter polytropus</i> type strain (CuHbu1T). Standards in Genomic Sciences, 2010, 3, 304-314.	1.5	10
93	Complete genome sequence of <i>Vulcanisaeta distributa</i> type strain (IC-017T). Standards in Genomic Sciences, 2010, 3, 117-125.	1.5	10
94	Complete genome sequence of <i>Desulfurococcus mucosus</i> type strain (O7/1T). Standards in Genomic Sciences, 2011, 4, 173-182.	1.5	10
95	Complete genome sequence of <i>Calditerrivibrio nitroreducens</i> type strain (Yu37-1T). Standards in Genomic Sciences, 2011, 4, 54-62.	1.5	10
96	Complete genome sequence of the facultatively anaerobic, appendaged bacterium <i>Muricauda ruestringensis</i> type strain (B1T). Standards in Genomic Sciences, 2012, 6, 185-193.	1.5	10
97	Permanent draft genome sequence of <i>Dethiosulfovibrio peptidovorans</i> type strain (SEBR 4207T). Standards in Genomic Sciences, 2010, 3, 85-92.	1.5	9
98	Non-contiguous finished genome sequence of <i>Aminomonas paucivorans</i> type strain (GLU-3T). Standards in Genomic Sciences, 2010, 3, 285-293.	1.5	9
99	Non-contiguous finished genome sequence of <i>Bacteroides coprosuis</i> type strain (PC139T). Standards in Genomic Sciences, 2011, 4, 233-243.	1.5	9
100	Complete genome sequence of the thermophilic sulfur-reducer <i>Hippea maritima</i> type strain (MH2T). Standards in Genomic Sciences, 2011, 4, 303-311.	1.5	8
101	The Metadata Coverage Index (MCI): A standardized metric for quantifying database metadata richness. Standards in Genomic Sciences, 2012, 6, 444-453.	1.5	8
102	Complete genome sequence of the aerobic, heterotroph <i>Marinithermus hydrothermalis</i> type strain (T1T) from a deep-sea hydrothermal vent chimney. Standards in Genomic Sciences, 2012, 6, 21-30.	1.5	8
103	Complete genome sequence of <i>Coriobacterium glomerans</i> type strain (PW2T) from the midgut of <i>Pyrrhocoris apterus</i> L. (red soldier bug). Standards in Genomic Sciences, 2013, 8, 15-25.	1.5	8
104	Genome sequence of the moderately thermophilic sulfur-reducing bacterium <i>Thermanaerovibrio velox</i> type strain (Z-9701T) and emended description of the genus <i>Thermanaerovibrio</i> . Standards in Genomic Sciences, 2013, 9, 57-70.	1.5	8
105	Complete genome sequence of <i>Mahella australiensis</i> type strain (50-1 BONT). Standards in Genomic Sciences, 2011, 4, 331-341.	1.5	7
106	Genome sequence of the <i>Thermotoga thermarum</i> type strain (LA3T) from an African solfataric spring. Standards in Genomic Sciences, 2014, 9, 1105-1117.	1.5	7
107	Genome sequence of the phylogenetically isolated spirochete <i>Leptonema illini</i> type strain (3055T). Standards in Genomic Sciences, 2013, 8, 177-187.	1.5	5
108	Complete genome sequence of <i>Oceanithermus profundus</i> type strain (506T). Standards in Genomic Sciences, 2011, 4, 210-220.	1.5	4

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109	Draft Genome Sequence of the Cellulolytic and Xylanolytic Thermophile <i>Clostridium clariflavum</i> Strain 4-2a. <i>Genome Announcements</i> , 2015, 3, .	0.8	4
110	Complete genome sequence of <i>Syntrophobotulus glycolicus</i> type strain (FIGlyR). <i>Standards in Genomic Sciences</i> , 2011, 4, 371-80.	1.5	4
111	Permanent draft genome sequence of the gliding predator <i>Saprospira grandis</i> strain Sa g1 (= HR1). <i>Standards in Genomic Sciences</i> , 2012, 6, 210-219.	1.5	3
112	Genome sequence of <i>Frateuria aurantia</i> type strain (KondÅ´ 67T), a xanthomonade isolated from <i>Lilium auratum</i> Lindl.. <i>Standards in Genomic Sciences</i> , 2013, 9, 83-92.	1.5	3
113	Genome sequence of the flexirubin-pigmented soil bacterium <i>Niabella soli</i> type strain (JS13-8T). <i>Standards in Genomic Sciences</i> , 2012, 7, 210-220.	1.5	2
114	Genome sequence of <i>Ensifer medicae</i> strain WSM1369; an effective microsymbiont of the annual legume <i>Medicago sphaerocarpos</i> . <i>Standards in Genomic Sciences</i> , 2013, 9, 420-430.	1.5	1
115	Trafficking and the Tubulovesicular Membrane Network. , 0, , 253-271.		1