

# Thomas Brettin

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/11280196/thomas-brettin-publications-by-citations.pdf>

**Version:** 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

79  
papers

4,156  
citations

28  
h-index

63  
g-index

83  
ext. papers

6,069  
ext. citations

6.9  
avg, IF

4.51  
L-index

#	Paper	IF	Citations
79	RASTtk: a modular and extensible implementation of the RAST algorithm for building custom annotation pipelines and annotating batches of genomes. <i>Scientific Reports</i> , <b>2015</b> , 5, 8365	4.9	1061
78	Improvements to PATRIC, the all-bacterial Bioinformatics Database and Analysis Resource Center. <i>Nucleic Acids Research</i> , <b>2017</b> , 45, D535-D542	20.1	809
77	The PATRIC Bioinformatics Resource Center: expanding data and analysis capabilities. <i>Nucleic Acids Research</i> , <b>2020</b> , 48, D606-D612	20.1	206
76	Antimicrobial Resistance Prediction in PATRIC and RAST. <i>Scientific Reports</i> , <b>2016</b> , 6, 27930	4.9	120
75	Complete genome sequence of <i>Kytococcus sedentarius</i> type strain (541). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 12-20		94
74	Developing an in silico minimum inhibitory concentration panel test for <i>Klebsiella pneumoniae</i> . <i>Scientific Reports</i> , <b>2018</b> , 8, 421	4.9	83
73	Population Genomic Analysis of 1,777 Extended-Spectrum Beta-Lactamase-Producing Isolates, Houston, Texas: Unexpected Abundance of Clonal Group 307. <i>MBio</i> , <b>2017</b> , 8,	7.8	79
72	Whole-Genome Sequencing of Human Clinical Isolates Reveals Misidentification and Misunderstandings of , , and. <i>MSphere</i> , <b>2017</b> , 2,	5	78
71	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
70	Sequencing of multiple clostridial genomes related to biomass conversion and biofuel production. <i>Journal of Bacteriology</i> , <b>2010</b> , 192, 6494-6	3.5	71
69	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
68	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
67	Predicting tumor cell line response to drug pairs with deep learning. <i>BMC Bioinformatics</i> , <b>2018</b> , 19, 486	3.6	51
66	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
65	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
64	PATRIC as a unique resource for studying antimicrobial resistance. <i>Briefings in Bioinformatics</i> , <b>2019</b> , 20, 1094-1102	13.4	43
63	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

62	Complete genome sequence of Spirosoma linguale type strain (1). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 176-85		35
61	Complete genome sequence of Desulfotomaculum acetoxidans type strain (5575). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 242-53		33
60	Whole-Genome Sequencing of a Human Clinical Isolate of the Novel Species sp. nov. <i>Genome Announcements</i> , <b>2017</b> , 5,		32
59	Complete genome sequence of Actinosynnema mirum type strain (101). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 46-53		32
58	Complete genome sequence of Sulfurimonas autotrophica type strain (OK10). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 3, 194-202		32
57	Complete genome sequence of Rhodospirillum rubrum type strain (S1). <i>Standards in Genomic Sciences</i> , <b>2011</b> , 4, 293-302		31
56	The genome sequence of Methanohalophilus mahii 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
55	Complete genome sequence of Eggerthella lenta type strain (IPP VPI 0255). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 174-82		31
54	Complete genome sequence of Desulfomicrobium baculatum type strain (X). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 29-37		30
53	Complete genome sequence of Halomicrobium mukohataei type strain (arg-2). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 270-7		30
52	Complete genome sequence of Veillonella parvula type strain (Te3). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 57-65		29
51	Complete genome sequence of the halophilic and highly halotolerant Chromohalobacter salexigens type strain (1H11(T)). <i>Standards in Genomic Sciences</i> , <b>2011</b> , 5, 379-88		28
50	Complete genome sequence of Haloterrigena turkmenica type strain (4k). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 107-16		28
49	Complete genome sequence of Nakamurella multipartita type strain (Y-104). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 168-75		28
48	Complete genome sequence of Ferroglobus placidus AEDII12DO. <i>Standards in Genomic Sciences</i> , <b>2011</b> , 5, 50-60		27
47	Complete genome sequence of Streptosporangium roseum type strain (NI 9100). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 29-37		25
46	Complete genome sequence of Thermomonospora curvata type strain (B9). <i>Standards in Genomic Sciences</i> , <b>2011</b> , 4, 13-22		24
45	Complete genome sequence of Sulfurospirillum deleyianum type strain (5175). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 149-57		24

44	Complete genome sequence of Halorhabdus utahensis type strain (AX-2). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 218-25		21
43	Complete genome sequence of Saccharomonospora viridis type strain (P101). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 141-9		21
42	Complete genome sequence of Atopobium parvulum type strain (IPP 1246). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 166-73		21
41	CANDLE/Supervisor: a workflow framework for machine learning applied to cancer research. <i>BMC Bioinformatics</i> , <b>2018</b> , 19, 491	3.6	21
40	Complete genome sequence of Rhodothermus marinus type strain (R-10). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 283-90		20
39	Complete genome sequence of Alicyclobacillus acidocaldarius type strain (104-IA). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 9-18		20
38	Complete genome sequence of Sphaerobacter thermophilus type strain (S 6022). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 49-56		20
37	Complete genome sequence of Archaeoglobus profundus type strain (AV18). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 327-46		20
36	Complete genome sequence of Catenulispora acidiphila type strain (ID 139908). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 119-25		19
35	Complete genome sequence of Dyadobacter fermentans type strain (NS114). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 133-40		19
34	Complete genome sequence of Thermanaerovibrio acidaminovorans type strain (Su883). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 254-61		19
33	Complete genome sequence of Acidaminococcus fermentans type strain (VR4). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 3, 1-14		19
32	Complete genome sequence of Gordonia bronchialis type strain (3410). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 19-28		19
31	Complete genome sequence of Anaerococcus prevotii type strain (PC1). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 159-65		18
30	Complete genome sequence of Coraliomargarita akajimensis type strain (04OKA010-24). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 290-9		18
29	Complete genome sequence of Thermobispora bispora type strain (R51). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 318-26		18
28	Complete genome sequence of Leptotrichia buccalis type strain (C-1013-b). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 126-32		17
27	Complete genome sequence of Desulfohalobium retbaense type strain (HR(100)). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 38-48		17

26	Cystic Fibrosis Rapid Response: Translating Multi-omics Data into Clinically Relevant Information. <i>MBio</i> , <b>2019</b> , 10,	7.8	16
25	Complete genome sequence of <i>Streptobacillus moniliformis</i> type strain (9901). <i>Standards in Genomic Sciences</i> , <b>2009</b> , 1, 300-7		16
24	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
23	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
22	Complete genome sequence of <i>Conexibacter woesei</i> type strain (ID131577). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 212-9		15
21	Ensemble transfer learning for the prediction of anti-cancer drug response. <i>Scientific Reports</i> , <b>2020</b> , 10, 18040	4.9	15
20	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
19	Complete genome sequence of <i>Ignisphaera aggregans</i> type strain (AQ1.S1). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 3, 66-75		13
18	Complete genome sequence of <i>Thermosphaera aggregans</i> type strain (M11TL). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 245-59		12
17	High-Throughput Virtual Screening and Validation of a SARS-CoV-2 Main Protease Noncovalent Inhibitor. <i>Journal of Chemical Information and Modeling</i> , <b>2021</b> ,	6.1	12
16	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
15	Complete genome sequence of <i>Denitrovibrio acetiphilus</i> type strain (N2460). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 2, 270-9		11
14	AI Meets Exascale Computing: Advancing Cancer Research With Large-Scale High Performance Computing. <i>Frontiers in Oncology</i> , <b>2019</b> , 9, 984	5.3	10
13	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
12	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
11	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
10	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
9	Complete genome sequence of <i>Ferrimonas balearica</i> type strain (PAT). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 3, 174-82		9

8	Complete genome sequence of <i>Thermobaculum terrenum</i> type strain (YNP1). <i>Standards in Genomic Sciences</i> , <b>2010</b> , 3, 153-62		9
7	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
6	Complete genome sequence of <i>Tsukamurella paurometabola</i> type strain (no. 33). <i>Standards in Genomic Sciences</i> , <b>2011</b> , 4, 342-51		8
5	Converting tabular data into images for deep learning with convolutional neural networks. <i>Scientific Reports</i> , <b>2021</b> , 11, 11325	4.9	6
4	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
3	Enhanced Co-Expression Extrapolation (COXEN) Gene Selection Method for Building Anti-Cancer Drug Response Prediction Models. <i>Genes</i> , <b>2020</b> , 11,	4.2	4
2	Learning curves for drug response prediction in cancer cell lines. <i>BMC Bioinformatics</i> , <b>2021</b> , 22, 252	3.6	3
1	A genomic data resource for predicting antimicrobial resistance from laboratory-derived antimicrobial susceptibility phenotypes. <i>Briefings in Bioinformatics</i> , <b>2021</b> , 22,	13.4	2