

Frank W Larimer

List of Publications by Year in descending order

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25
papers

12,090
citations

331670

21
h-index

580821

25
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25
docs citations

25
times ranked

14562
citing authors

#	ARTICLE	IF	CITATIONS
1	Caldicellulosiruptor Core and Pangenomes Reveal Determinants for Noncellulosomal Thermophilic Deconstruction of Plant Biomass. <i>Journal of Bacteriology</i> , 2012, 194, 4015-4028.	2.2	96
2	Complete genome sequence of the filamentous anoxygenic phototrophic bacterium <i>Chloroflexus aurantiacus</i> . <i>BMC Genomics</i> , 2011, 12, 334.	2.8	90
3	Genome Sequence of the <i>Verrucomicrobium Opitutus terrae</i> PB90-1, an Abundant Inhabitant of Rice Paddy Soil Ecosystems. <i>Journal of Bacteriology</i> , 2011, 193, 2367-2368.	2.2	44
4	Genome Sequence of <i>Victivallis vadensis</i> ATCC BAA-548, an Anaerobic Bacterium from the Phylum Lentisphaerae, Isolated from the Human Gastrointestinal Tract. <i>Journal of Bacteriology</i> , 2011, 193, 2373-2374.	2.2	14
5	Genome Sequence of <i>Chthoniobacter flavus</i> Ellin428, an Aerobic Heterotrophic Soil Bacterium. <i>Journal of Bacteriology</i> , 2011, 193, 2902-2903.	2.2	52
6	Genome Sequence of <i>Pedospira parvula</i> Ellin514, an Aerobic Verrucomicrobial Isolate from Pasture Soil. <i>Journal of Bacteriology</i> , 2011, 193, 2900-2901.	2.2	28
7	Complete Genome Sequence of the Anaerobic, Halophilic Alkalithermophile <i>Natranaerobius thermophilus</i> JW/NM-WN-LF. <i>Journal of Bacteriology</i> , 2011, 193, 4023-4024.	2.2	28
8	Prodigal: prokaryotic gene recognition and translation initiation site identification. <i>BMC Bioinformatics</i> , 2010, 11, 119.	2.6	8,237
9	A General System for Studying Protein-Protein Interactions in Gram-Negative Bacteria. <i>Journal of Proteome Research</i> , 2008, 7, 3319-3328.	3.7	24
10	Complete Genome Sequence of <i>Nitrobacter hamburgensis</i> X14 and Comparative Genomic Analysis of Species within the Genus <i>Nitrobacter</i> . <i>Applied and Environmental Microbiology</i> , 2008, 74, 2852-2863.	3.1	115
11	Multiple genome sequences reveal adaptations of a phototrophic bacterium to sediment microenvironments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 18543-18548.	7.1	131
12	Genome of the Epsilonproteobacterial Chemolithoautotroph <i>Sulfurimonas denitrificans</i> . <i>Applied and Environmental Microbiology</i> , 2008, 74, 1145-1156.	3.1	228
13	Whole-genome analysis of the ammonia-oxidizing bacterium, <i>Nitrosomonas eutropha</i> C91: implications for niche adaptation. <i>Environmental Microbiology</i> , 2007, 9, 2993-3007.	3.8	150
14	Determination and Comparison of the Baseline Proteomes of the Versatile Microbe <i>Rhodospirillum rubrum</i> under Its Major Metabolic States. <i>Journal of Proteome Research</i> , 2006, 5, 287-298.	3.7	69
15	The Genome of Deep-Sea Vent Chemolithoautotroph <i>Thiomicrospira crunogena</i> XCL-2. <i>PLoS Biology</i> , 2006, 4, e383.	5.6	144
16	Complete Genome Sequence of the Marine, Chemolithoautotrophic, Ammonia-Oxidizing Bacterium <i>Nitrosococcus oceani</i> ATCC 19707. <i>Applied and Environmental Microbiology</i> , 2006, 72, 6299-6315.	3.1	139
17	The Genome Sequence of the Obligately Chemolithoautotrophic, Facultatively Anaerobic Bacterium <i>Thiobacillus denitrificans</i> . <i>Journal of Bacteriology</i> , 2006, 188, 1473-1488.	2.2	306
18	Genome Sequence of the Chemolithoautotrophic Nitrite-Oxidizing Bacterium <i>Nitrobacter winogradskyi</i> Nb-255. <i>Applied and Environmental Microbiology</i> , 2006, 72, 2050-2063.	3.1	169

#	ARTICLE	IF	CITATIONS
19	Evaluation of "Shotgun" Proteomics for Identification of Biological Threat Agents in Complex Environmental Matrixes: A Experimental Simulations. <i>Analytical Chemistry</i> , 2005, 77, 923-932.	6.5	39
20	Complete genome sequence of the metabolically versatile photosynthetic bacterium <i>Rhodospseudomonas palustris</i> . <i>Nature Biotechnology</i> , 2004, 22, 55-61.	17.5	675
21	Characterization of the 70S Ribosome from <i>Rhodospseudomonas palustris</i> Using an Integrated "Top-Down" and "Bottom-Up" Mass Spectrometric Approach. <i>Journal of Proteome Research</i> , 2004, 3, 965-978.	3.7	83
22	Genome divergence in two <i>Prochlorococcus</i> ecotypes reflects oceanic niche differentiation. <i>Nature</i> , 2003, 424, 1042-1047.	27.8	1,086
23	The home stretch, a first analysis of the nearly completed genome of <i>Rhodobacter sphaeroides</i> 2.4.1. <i>Photosynthesis Research</i> , 2001, 70, 19-41.	2.9	129
24	Multiple catalytic roles of His 287 of <i>Rhodospirillum rubrum</i> ribulose 1,5-bisphosphate carboxylase/oxygenase. <i>Protein Science</i> , 1998, 7, 730-738.	7.6	13
25	Mutation spectrum of spontaneous frameshift revertants in yeast using double-strand gap repair. <i>Environmental and Molecular Mutagenesis</i> , 1992, 20, 84-88.	2.2	1