Chengwei Luo

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11963236/publications.pdf

Version: 2024-02-01

23
papers

7,005
citations

377584
21
h-index

721071
23
g-index

23
all docs

23
docs citations

23
times ranked

13553
citing authors

#	Article	IF	Citations
1	Iterative subtractive binning of freshwater chronoseries metagenomes identifies over 400 novel species and their ecologic preferences. Environmental Microbiology, 2020, 22, 3394-3412.	1.8	69
2	Model-based Comparisons of the Abundance Dynamics of Bacterial Communities in Two Lakes. Scientific Reports, 2020, 10, 2423.	1.6	14
3	The Bacterial Symbionts of Closely Related Hydrothermal Vent Snails With Distinct Geochemical Habitats Show Broad Similarity in Chemoautotrophic Gene Content. Frontiers in Microbiology, 2019, 10, 1818.	1.5	21
4	Gut Microbiome Function Predicts Response to Anti-integrin Biologic Therapy in Inflammatory Bowel Diseases. Cell Host and Microbe, 2017, 21, 603-610.e3.	5.1	306
5	Ectopic colonization of oral bacteria in the intestine drives T _H 1 cell induction and inflammation. Science, 2017, 358, 359-365.	6.0	612
6	Indoleacrylic Acid Produced by Commensal Peptostreptococcus Species Suppresses Inflammation. Cell Host and Microbe, 2017, 22, 25-37.e6.	5.1	523
7	Metagenomics of Two Severe Foodborne Outbreaks Provides Diagnostic Signatures and Signs of Coinfection Not Attainable by Traditional Methods. Applied and Environmental Microbiology, 2017, 83, .	1.4	54
8	Paneth cell defects in Crohnâ€™s disease patients promote dysbiosis. JCI Insight, 2016, 1, e86907.	2.3	91
9	Metagenomics Reveals Pervasive Bacterial Populations and Reduced Community Diversity across the Alaska Tundra Ecosystem. Frontiers in Microbiology, 2016, 7, 579.	1.5	66
10	Tundra soil carbon is vulnerable to rapid microbial decomposition under climate warming. Nature Climate Change, 2016, 6, 595-600.	8.1	260
11	Biofilms on Hospital Shower Hoses: Characterization and Implications for Nosocomial Infections. Applied and Environmental Microbiology, 2016, 82, 2872-2883.	1.4	102
12	ConStrains identifies microbial strains in metagenomic datasets. Nature Biotechnology, 2015, 33, 1045-1052.	9.4	235
13	Strengths and Limitations of 16S rRNA Gene Amplicon Sequencing in Revealing Temporal Microbial Community Dynamics. PLoS ONE, 2014, 9, e93827.	1.1	508
14	MyTaxa: an advanced taxonomic classifier for genomic and metagenomic sequences. Nucleic Acids Research, 2014, 42, e73-e73.	6.5	445
15	The Treatment-Naive Microbiome in New-Onset Crohnâ€™s Disease. Cell Host and Microbe, 2014, 15, 382-392.	5.1	2,582
16	Soil Microbial Community Responses to a Decade of Warming as Revealed by Comparative Metagenomics. Applied and Environmental Microbiology, 2014, 80, 1777-1786.	1.4	131
17	Evaluation of metatranscriptomic protocols and application to the study of freshwater microbial communities. Environmental Microbiology Reports, 2014, 6, 640-655.	1.0	36
18	Stability, genotypic and phenotypic diversity of <scp><i>S</i></scp><i>hewanella baltica</i> in the redox transition zone of the <scp>B</scp>altic <scp>S</scp>ea. Environmental Microbiology, 2014, 16, 1854-1866.	1.8	26

#	Article	IF	Citations
19	A Userâ€™s Guide to Quantitative and Comparative Analysis of Metagenomic Datasets. Methods in Enzymology, 2013, 531, 525-547.	0.4	28
20	Direct Comparisons of Illumina vs. Roche 454 Sequencing Technologies on the Same Microbial Community DNA Sample. PLoS ONE, 2012, 7, e30087.	1.1	360
21	Individual genome assembly from complex community short-read metagenomic datasets. ISME Journal, 2012, 6, 898-901.	4.4	106
22	Genome sequencing of environmental <i>Escherichia coli</i> expands understanding of the ecology and speciation of the model bacterial species. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 7200-7205.	3.3	279
23	Metagenomic Insights into the Evolution, Function, and Complexity of the Planktonic Microbial Community of Lake Lanier, a Temperate Freshwater Ecosystem. Applied and Environmental Microbiology, 2011, 77, 6000-6011.	1.4	151