

Arianna Basile

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8359531/publications.pdf>

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10
papers

484
citations

1162367

8
h-index

1372195

10
g-index

13
all docs

13
docs citations

13
times ranked

591
citing authors

#	ARTICLE	IF	CITATIONS
1	New insights from the biogas microbiome by comprehensive genome-resolved metagenomics of nearly 1600 species originating from multiple anaerobic digesters. <i>Biotechnology for Biofuels</i> , 2020, 13, 25.	6.2	136
2	Genome-Centric Metatranscriptomics Analysis Reveals the Role of Hydrochar in Anaerobic Digestion of Waste Activated Sludge. <i>Environmental Science & Technology</i> , 2021, 55, 8351-8361.	4.6	77
3	Insights into Ammonia Adaptation and Methanogenic Precursor Oxidation by Genome-Centric Analysis. <i>Environmental Science & Technology</i> , 2020, 54, 12568-12582.	4.6	57
4	Genomic Comparison of <i>Lactobacillus helveticus</i> Strains Highlights Probiotic Potential. <i>Frontiers in Microbiology</i> , 2019, 10, 1380.	1.5	50
5	Revealing metabolic mechanisms of interaction in the anaerobic digestion microbiome by flux balance analysis. <i>Metabolic Engineering</i> , 2020, 62, 138-149.	3.6	45
6	Genome-Scale Metabolic Modeling of the Human Microbiome in the Era of Personalized Medicine. <i>Annual Review of Microbiology</i> , 2021, 75, 199-222.	2.9	33
7	Advances in constraint-based modelling of microbial communities. <i>Current Opinion in Systems Biology</i> , 2021, 27, 100346.	1.3	28
8	New insights into the variability of lactic acid production in <i>Lachancea thermotolerans</i> at the phenotypic and genomic level. <i>Microbiological Research</i> , 2020, 238, 126525.	2.5	18
9	KEMET – A python tool for KEGG Module evaluation and microbial genome annotation expansion. <i>Computational and Structural Biotechnology Journal</i> , 2022, 20, 1481-1486.	1.9	11
10	Large-scale sequencing and comparative analysis of oenological <i>Saccharomyces cerevisiae</i> strains supported by nanopore refinement of key genomes. <i>Food Microbiology</i> , 2021, 97, 103753.	2.1	10