

Manish Kumar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1454059/publications.pdf>

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14
papers

1,086
citations

759233

12
h-index

1199594

12
g-index

15
all docs

15
docs citations

15
times ranked

1518
citing authors

#	ARTICLE	IF	CITATIONS
1	Developments in biobutanol production: New insights. <i>Applied Energy</i> , 2011, 88, 1999-2012.	10.1	421
2	Comparative economic assessment of ABE fermentation based on cellulosic and non-cellulosic feedstocks. <i>Applied Energy</i> , 2012, 93, 193-204.	10.1	159
3	Human gut microbiota and healthy aging: Recent developments and future prospective. <i>Nutrition and Healthy Aging</i> , 2016, 4, 3-16.	1.1	150
4	Modelling approaches for studying the microbiome. <i>Nature Microbiology</i> , 2019, 4, 1253-1267.	13.3	114
5	Gut microbiota dysbiosis is associated with malnutrition and reduced plasma amino acid levels: Lessons from genome-scale metabolic modeling. <i>Metabolic Engineering</i> , 2018, 49, 128-142.	7.0	65
6	Genome-Scale Metabolic Modeling Enables In-Depth Understanding of Big Data. <i>Metabolites</i> , 2022, 12, 14.	2.9	37
7	Metabolic engineering for enhanced hydrogen production: a review. <i>Canadian Journal of Microbiology</i> , 2013, 59, 59-78.	1.7	33
8	Role of extracellular cues to trigger the metabolic phase shifting from acidogenesis to solventogenesis in <i>Clostridium acetobutylicum</i> . <i>Bioresource Technology</i> , 2013, 138, 55-62.	9.6	27
9	The sum is greater than the parts: exploiting microbial communities to achieve complex functions. <i>Current Opinion in Biotechnology</i> , 2021, 67, 149-157.	6.6	25
10	Elementary mode analysis reveals that <i>Clostridium acetobutylicum</i> modulates its metabolic strategy under external stress. <i>Molecular BioSystems</i> , 2014, 10, 2090-2105.	2.9	20
11	Dynamic resource allocation drives growth under nitrogen starvation in eukaryotes. <i>Npj Systems Biology and Applications</i> , 2020, 6, 14.	3.0	18
12	Acetone-butanol-ethanol fermentation analysis using only high performance liquid chromatography. <i>Analytical Methods</i> , 2014, 6, 774-781.	2.7	13
13	Biobutanol: The Future Biofuel. , 2012, , 221-236.		3
14	Current status and challenges in biobutanol production. , 2018, , 237-262.		0