

Rohit Ruhal

List of Publications by Year in descending order

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13
papers

1,255
citations

840776

11
h-index

1199594

12
g-index

16
all docs

16
docs citations

16
times ranked

2189
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of a novel plasmid-mediated colistin-resistance gene, <i>mcr-2</i> , in <i>Escherichia coli</i> , Belgium, June 2016. <i>Eurosurveillance</i> , 2016, 21, .	7.0	648
2	The surface charge of anti-bacterial coatings alters motility and biofilm architecture. <i>Biomaterials Science</i> , 2013, 1, 589.	5.4	152
3	Biofilm patterns in gram-positive and gram-negative bacteria. <i>Microbiological Research</i> , 2021, 251, 126829.	5.3	118
4	Trends in bacterial trehalose metabolism and significant nodes of metabolic pathway in the direction of trehalose accumulation. <i>Microbial Biotechnology</i> , 2013, 6, 493-502.	4.2	114
5	Suitability of crude glycerol obtained from biodiesel waste for the production of trehalose and propionic acid. <i>Green Chemistry</i> , 2011, 13, 3492.	9.0	41
6	Saccharification of alkali treated biomass of Kans grass contributes higher sugar in contrast to acid treated biomass. <i>Chemical Engineering Journal</i> , 2013, 230, 36-47.	12.7	38
7	Use of an osmotically sensitive mutant of <i>Propionibacterium freudenreichii</i> subsp. <i>shermanii</i> for the simultaneous productions of organic acids and trehalose from biodiesel waste based crude glycerol. <i>Bioresource Technology</i> , 2012, 109, 131-139.	9.6	37
8	A multivariate approach to correlate bacterial surface properties to biofilm formation by lipopolysaccharide mutants of <i>Pseudomonas aeruginosa</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 2015, 127, 182-191.	5.0	32
9	Surfactant-mediated hydrothermal pretreatment of Ryegrass followed by enzymatic saccharification for polyhydroxyalkanoate production. <i>Industrial Crops and Products</i> , 2018, 111, 625-632.	5.2	29
10	Molecular and structural facets of c-di-GMP signalling associated with biofilm formation in <i>Pseudomonas aeruginosa</i> . <i>Molecular Aspects of Medicine</i> , 2021, 81, 101001.	6.4	21
11	Improved trehalose production from biodiesel waste using parent and osmotically sensitive mutant of <i>Propionibacterium freudenreichii</i> subsp. <i>shermanii</i> under aerobic conditions. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2012, 39, 1153-1160.	3.0	18
12	Microbiological Metabolism Under Chemical Stress. , 2014, , 497-509.		3
13	A Sustainable Biorefinery Approach to Valorize Corn Waste to Valuable Chemicals. <i>Energy, Environment, and Sustainability</i> , 2022, , 269-292.	1.0	2