

# Abhishek S Dhoble

## List of Publications by Year in descending order

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15  
papers

193  
citations

1040056

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1199594

12  
g-index

15  
all docs

15  
docs citations

15  
times ranked

146  
citing authors

#	ARTICLE	IF	CITATIONS
1	Human Microbiome as Drug Delivery System. , 2022, , 402-415.		0
2	Microbial consortium engineering for the improvement of biochemicals production. , 2022, , 201-233.		1
3	A review on pectinase properties, application in juice clarification, and membranes as immobilization support. Journal of Food Science, 2022, 87, 3338-3354.	3.1	7
4	Impact of temperature and surfactant addition on milk foams. Journal of Food Engineering, 2021, 299, 110509.	5.2	10
5	Advances in the synthesis and application of self-assembling biomaterials. Progress in Biophysics and Molecular Biology, 2021, 167, 46-62.	2.9	3
6	Bacterial 1,4- $\alpha$ -glucan branching enzymes: characteristics, preparation and commercial applications. Critical Reviews in Biotechnology, 2020, 40, 380-396.	9.0	19
7	Additional salt bridges improve the thermostability of 1,4- $\alpha$ -glucan branching enzyme. Food Chemistry, 2020, 316, 126348.	8.2	22
8	Evolutionary Stability of Salt Bridges Hints Its Contribution to Stability of Proteins. Computational and Structural Biotechnology Journal, 2019, 17, 895-903.	4.1	23
9	Cytometric fingerprinting and machine learning (CFML): A novel label-free, objective method for routine mastitis screening. Computers and Electronics in Agriculture, 2019, 162, 505-513.	7.7	14
10	Thermostabilization of a thermophilic 1,4- $\alpha$ -glucan branching enzyme through C-terminal truncation. International Journal of Biological Macromolecules, 2018, 107, 1510-1518.	7.5	20
11	Machine learning analysis of microbial flow cytometry data from nanoparticles, antibiotics and carbon sources perturbed anaerobic microbiomes. Journal of Biological Engineering, 2018, 12, 19.	4.7	10
12	Potassium and sodium ions enhance the activity and thermostability of 1,4- $\alpha$ -glucan branching enzyme from <i>Geobacillus thermoglucosidasius</i> in the presence of glycerol. International Journal of Biological Macromolecules, 2017, 102, 712-717.	7.5	16
13	A novel high-throughput multi-parameter flow cytometry based method for monitoring and rapid characterization of microbiome dynamics in anaerobic systems. Bioresource Technology, 2016, 220, 566-571.	9.6	24
14	Design and operation of an anaerobic digester for waste management and fuel generation during long term lunar mission. Advances in Space Research, 2014, 54, 1502-1512.	2.6	19
15	Biochemical Methane Potential of Wastes Generated During Long-Term Lunar Mission. , 2010, , .		5