

# Nilesh K Sharma

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

462  
citations

1040056

9  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

654  
citing authors

#	ARTICLE	IF	CITATIONS
1	Scope of Algae as Third Generation Biofuels. <i>Frontiers in Bioengineering and Biotechnology</i> , 2014, 2, 90.	4.1	227
2	A new search for thermotolerant yeasts, its characterization and optimization using response surface methodology for ethanol production. <i>Frontiers in Microbiology</i> , 2015, 6, 889.	3.5	50
3	Enhancement in xylose utilization using <i>Kluyveromyces marxianus</i> NIRE-K1 through evolutionary adaptation approach. <i>Bioprocess and Biosystems Engineering</i> , 2016, 39, 835-843.	3.4	35
4	Bioprospecting thermostable cellulosomes for efficient biofuel production from lignocellulosic biomass. <i>Bioresources and Bioprocessing</i> , 2015, 2, .	4.2	28
5	Xylose transport in yeast for lignocellulosic ethanol production: Current status. <i>Journal of Bioscience and Bioengineering</i> , 2018, 125, 259-267.	2.2	27
6	Removal of aromatic inhibitors produced from lignocellulosic hydrolysates by <i>Acinetobacter baylyi</i> ADP1 with formation of ethanol by <i>Kluyveromyces marxianus</i> . <i>Biotechnology for Biofuels</i> , 2019, 12, 91.	6.2	25
7	Augmentation of ethanol production through statistically designed growth and fermentation medium using novel thermotolerant yeast isolates. <i>Renewable Energy</i> , 2017, 109, 406-421.	8.9	22
8	Evolutionary Adaptation of <i>Kluyveromyces marxianus</i> NIRE-K3 for Enhanced Xylose Utilization. <i>Frontiers in Energy Research</i> , 2017, 5, .	2.3	19
9	Effect of Evolutionary Adaption on Xylosidase Activity in Thermotolerant Yeast Isolates <i>Kluyveromyces marxianus</i> NIRE-K1 and NIRE-K3. <i>Applied Biochemistry and Biotechnology</i> , 2016, 179, 1143-1154.	2.9	13
10	Evaluating the Pathway for Co-fermentation of Glucose and Xylose for Enhanced Bioethanol Production Using Flux Balance Analysis. <i>Biotechnology and Bioprocess Engineering</i> , 2019, 24, 924-933.	2.6	10
11	Bioprospecting Saccharification of Alkali Pretreated Paddy Straw Through Statistically Designed Parameters for Biofuel Production. <i>Industrial Biotechnology</i> , 2020, 16, 375-385.	0.8	4
12	An interactomic approach for identification of putative drug targets in <i>Listeria monocytogenes</i> . <i>International Journal of Bioinformatics Research and Applications</i> , 2015, 11, 315.	0.2	2