

# Hemant Kumar Rawat

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8204843/publications.pdf>

Version: 2024-02-01

9  
papers

273  
citations

1163117  
8  
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1474206  
9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

307  
citing authors

#	ARTICLE	IF	CITATIONS
1	Immobilization of fructosyltransferase by chitosan and alginate for efficient production of fructooligosaccharides. <i>Process Biochemistry</i> , 2014, 49, 840-844.	3.7	65
2	Production of inulinase, fructosyltransferase and sucrase from fungi on low-value inulin-rich substrates and their use in generation of fructose and fructo-oligosaccharides. <i>Antonie Van Leeuwenhoek</i> , 2015, 107, 799-811.	1.7	53
3	Purification and characterization of Î²-mannanase from <i>Aspergillus terreus</i> and its applicability in depolymerization of mannans and saccharification of lignocellulosic biomass. <i>3 Biotech</i> , 2016, 6, 136.	2.2	42
4	Biotechnological potential of microbial inulinases: Recent perspective. <i>Critical Reviews in Food Science and Nutrition</i> , 2017, 57, 3818-3829.	10.3	29
5	Production optimization and functional characterization of thermostable Î²-mannanase from <i>Malbranchea cinnamomea</i> NFCCI 3724 and its applicability in mannotetraose (M4) generation. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 63, 344-353.	5.3	25
6	Production and properties of inulinase from <i>Penicillium</i> sp. NFCC 2768 grown on inulin-rich vegetal infusions. <i>Biocatalysis and Biotransformation</i> , 2015, 33, 61-68.	2.0	22
7	Experimental design of response surface methodology used for utilisation of palm kernel cake as solid substrate for optimised production of fungal mannanase. <i>Mycology</i> , 2016, 7, 143-153.	4.4	17
8	Screening, statistical optimized production, and application of Î²-mannanase from some newly isolated fungi. <i>Engineering in Life Sciences</i> , 2017, 17, 392-401.	3.6	13
9	Exo-Î²-mannanase production from <i>Aspergillus fumigatus</i> NFCCI 2426: purification, characterization, and immobilization for continuous fructose production. <i>Journal of Food Science</i> , 2021, 86, 1778-1790.	3.1	7