

# Bhoopal Bhuvanachandra

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

165  
citations

1162889

8  
h-index

1125617

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

165  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deciphering the thermotolerance of chitinase O from <i>Chitiniphilus shinanonensis</i> by in vitro and in silico studies. <i>International Journal of Biological Macromolecules</i> , 2022, 210, 44-52.	3.6	2
2	New Class of Chitosanase from <i>Bacillus amyloliquefaciens</i> for the Generation of Chitooligosaccharides. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 78-87.	2.4	20
3	Midgut aminopeptidase N expression profile in castor semilooper ( <i>Achaea janata</i> ) during sublethal Cry toxin exposure. <i>Journal of Biosciences</i> , 2021, 46, 1.	0.5	3
4	Elicitation of defense response by transglycosylated chitooligosaccharides in rice seedlings. <i>Carbohydrate Research</i> , 2021, 510, 108459.	1.1	3
5	A transglycosylating chitinase from <i>Chitiniphilus shinanonensis</i> (CsChiL) hydrolyzes chitin in a processive manner. <i>International Journal of Biological Macromolecules</i> , 2020, 145, 1-10.	3.6	17
6	Efficient conversion of $\beta$ -chitin by multi-modular chitinase from <i>Chitiniphilus shinanonensis</i> with KOH and KOH-urea pretreatment. <i>Carbohydrate Polymers</i> , 2020, 250, 116923.	5.1	5
7	Selection and mutational analyses of the substrate interacting residues of a chitinase from <i>Enterobacter cloacae</i> subsp. <i>cloacae</i> (EcChi2) to improve transglycosylation. <i>International Journal of Biological Macromolecules</i> , 2020, 165, 2432-2441.	3.6	5
8	Pretreatment with KOH and KOH-urea enhanced hydrolysis of $\beta$ -chitin by an endo-chitinase from <i>Enterobacter cloacae</i> subsp. <i>cloacae</i> . <i>Carbohydrate Polymers</i> , 2020, 235, 115952.	5.1	18
9	Active-site mutations improved the transglycosylation activity of <i>Stenotrophomonas maltophilia</i> chitinase A. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2018, 1866, 407-414.	1.1	14
10	Applicability of endochitinase of <i>Flavobacterium johnsoniae</i> with transglycosylation activity in generating long-chain chitooligosaccharides. <i>International Journal of Biological Macromolecules</i> , 2018, 117, 62-71.	3.6	16
11	Carboxy-terminal glycosyl hydrolase 18 domain of a carbohydrate active protein of <i>Chitinophaga pinensis</i> is a non-processive exochitinase. <i>International Journal of Biological Macromolecules</i> , 2018, 115, 1225-1232.	3.6	9
12	Transglycosylation by a chitinase from <i>Enterobacter cloacae</i> subsp. <i>cloacae</i> generates longer chitin oligosaccharides. <i>Scientific Reports</i> , 2017, 7, 5113.	1.6	36
13	Amino Groups of Chitosan Are Crucial for Binding to a Family 32 Carbohydrate Binding Module of a Chitosanase from <i>Paenibacillus elgii</i> . <i>Journal of Biological Chemistry</i> , 2016, 291, 18977-18990.	1.6	17