

Samudra Prosad Banik

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

457
citations

933447

10
h-index

996975

15
g-index

20
all docs

20
docs citations

20
times ranked

621
citing authors

#	ARTICLE	IF	CITATIONS
1	Fungal biotechnology in food and feed processing. Food Research International, 2009, 42, 577-587.	6.2	174
2	Purification and characterization of a thermostable intra-cellular β -glucosidase with transglycosylation properties from filamentous fungus <i>Termitomyces clypeatus</i> . Bioresource Technology, 2010, 101, 2412-2420.	9.6	62
3	Purification and characterisation of β -casein specific milk-clotting metalloprotease from <i>Termitomyces clypeatus</i> MTCC 5091. Food Chemistry, 2015, 173, 441-448.	8.2	43
4	Interference of sugars in the Coomassie Blue G dye binding assay of proteins. Analytical Biochemistry, 2009, 386, 113-115.	2.4	30
5	Mustard stalk and straw: A new source for production of lignocellulolytic enzymes by the fungus <i>Termitomyces clypeatus</i> and as a substrate for saccharification. Industrial Crops and Products, 2013, 41, 283-288.	5.2	26
6	Trehalose induced structural modulation of Bovine Serum Albumin at ambient temperature. International Journal of Biological Macromolecules, 2017, 105, 645-655.	7.5	22
7	Enhanced activity and stability of cellobiase (β -glucosidase: EC 3.2.1.21) produced in the presence of 2-deoxy-d-glucose from the fungus <i>Termitomyces clypeatus</i> . Carbohydrate Research, 2010, 345, 1015-1022.	2.3	20
8	Bioremediation by alkaline protease (AkP) from edible mushroom <i>Termitomyces clypeatus</i> : optimization approach based on statistical design and characterization for diverse applications. Journal of Chemical Technology and Biotechnology, 2015, 90, 1886-1896.	3.2	17
9	AkP from mushroom <i>Termitomyces clypeatus</i> is a proteoglycan specific protease with apoptotic effect on HepG2. International Journal of Biological Macromolecules, 2016, 91, 198-207.	7.5	16
10	Characterization of a novel low molecular weight sucrase from filamentous fungus <i>Termitomyces clypeatus</i> . Process Biochemistry, 2009, 44, 1075-1082.	3.7	13
11	Ribosylation induced structural changes in Bovine Serum Albumin: understanding high dietary sugar induced protein aggregation and amyloid formation. Heliyon, 2020, 6, e05053.	3.2	12
12	Trehalose mediated stabilisation of cellobiase aggregates from the filamentous fungus <i>Penicillium chrysogenum</i> . International Journal of Biological Macromolecules, 2019, 127, 365-375.	7.5	8
13	In situ reversible aggregation of extracellular cellobiase in the filamentous fungus <i>Termitomyces clypeatus</i> . Biotechnology and Bioprocess Engineering, 2012, 17, 925-936.	2.6	6
14	Enhancement of extracellular cellobiase activity by reducing agents in the filamentous fungus <i>Termitomyces clypeatus</i> . Biotechnology Letters, 2015, 37, 175-181.	2.2	4
15	Increased enzyme secretion by 2-deoxy-d-glucose in presence of succinate by suppression of metabolic enzymes in <i>Termitomyces clypeatus</i> . Carbohydrate Research, 2011, 346, 2426-2431.	2.3	2
16	Prevention of protein aggregation by extracellular fungal sucrase of <i>Termitomyces clypeatus</i> . Turkish Journal of Biochemistry, 2017, 42, 355-364.	0.5	0
17	Glycation-induced protein aggregation and cellular toxicity: an insight into the disease realm of high dietary sugar intake. , 2020, , 251-275.		0
18	Protective effect of indomethacin on vanadium-induced adrenocortical and testicular damages in rat. Toxicology Mechanisms and Methods, 2021, , 1-9.	2.7	0

#	ARTICLE	IF	CITATIONS
19	Role of food structure in digestion and health. , 2022, , 151-165.		0