

Rajib Majumder

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

393
citations

1040056

9
h-index

1058476

14
g-index

20
all docs

20
docs citations

20
times ranked

516
citing authors

#	ARTICLE	IF	CITATIONS
1	Removal of hexavalent chromium by heat inactivated fungal biomass of <i>Termitomyces clypeatus</i> : Surface characterization and mechanism of biosorption. <i>Chemical Engineering Journal</i> , 2011, 171, 1060-1068.	12.7	159
2	Purification and characterisation of $\hat{\text{I}}^{\text{e}}$ -casein specific milk-clotting metalloprotease from <i>Termitomyces clypeatus</i> MTCC 5091. <i>Food Chemistry</i> , 2015, 173, 441-448.	8.2	43
3	Depletion of Cr(VI) from aqueous solution by heat dried biomass of a newly isolated fungus <i>Arthrinium malaysianum</i> : A mechanistic approach. <i>Scientific Reports</i> , 2017, 7, 11254.	3.3	39
4	Understanding the adsorption behaviour of acid yellow 99 on <i>Aspergillus niger</i> biomass. <i>Journal of Molecular Liquids</i> , 2017, 242, 892-899.	4.9	31
5	Trehalose induced structural modulation of Bovine Serum Albumin at ambient temperature. <i>International Journal of Biological Macromolecules</i> , 2017, 105, 645-655.	7.5	22
6	Bioremediation by alkaline protease (<sc>AkP</sc>) from edible mushroom <i>Termitomyces clypeatus</i>: optimization approach based on statistical design and characterization for diverse applications. <i>Journal of Chemical Technology and Biotechnology</i> , 2015, 90, 1886-1896.	3.2	17
7	AkP from mushroom <i>Termitomyces clypeatus</i> is a proteoglycan specific protease with apoptotic effect on HepG2. <i>International Journal of Biological Macromolecules</i> , 2016, 91, 198-207.	7.5	16
8	Evaluation of <i>in vitro</i> antioxidant, anticancer and <i>in vivo</i> antitumour activity of <i>Termitomyces clypeatus</i> MTCC 5091. <i>Pharmaceutical Biology</i> , 2016, 54, 2536-2546.	2.9	16
9	Ribosylation induced structural changes in Bovine Serum Albumin: understanding high dietary sugar induced protein aggregation and amyloid formation. <i>Heliyon</i> , 2020, 6, e05053.	3.2	12
10	Bioaccumulation of Ni(II) on growing cells of <i>Bacillus</i> sp.: Response surface modeling and mechanistic insight. <i>Environmental Technology and Innovation</i> , 2020, 20, 101057.	6.1	9
11	Trehalose mediated stabilisation of cellobiase aggregates from the filamentous fungus <i>Penicillium chrysogenum</i> . <i>International Journal of Biological Macromolecules</i> , 2019, 127, 365-375.	7.5	8
12	Implication of Greener Biocomposite Bead for Decontamination of Nickel(II): Column Dynamics Study. <i>Journal of Polymers and the Environment</i> , 2020, 28, 1985-1997.	5.0	7
13	In situ reversible aggregation of extracellular cellobiase in the filamentous fungus <i>Termitomyces clypeatus</i> . <i>Biotechnology and Bioprocess Engineering</i> , 2012, 17, 925-936.	2.6	6
14	Enhancement of extracellular cellobiase activity by reducing agents in the filamentous fungus <i>Termitomyces clypeatus</i> . <i>Biotechnology Letters</i> , 2015, 37, 175-181.	2.2	4
15	Prevention of protein aggregation by extracellular fungal sucrase of <i>Termitomyces clypeatus</i>. <i>Turkish Journal of Biochemistry</i> , 2017, 42, 355-364.	0.5	0
16	Glycation-induced protein aggregation and cellular toxicity: an insight into the disease realm of high dietary sugar intake. , 2020, , 251-275.		0
17	Gastric Pathology and Metalloproteinases. , 2017, , 489-513.		0
18	Biosorption of Acid dye by Jackfruit Leaf Powder: Isotherm, kinetics and Response surface methodology studies. <i>Journal of Experimental Biology and Agricultural Sciences</i> , 2022, 10, 254-265.	0.4	0

#	ARTICLE	IF	CITATIONS
19	A detailed investigation to study the pattern of the interplay of Cyclic AMP Receptor Protein (CRP) of E. coli with its different classes of promoters. Journal of Experimental Biology and Agricultural Sciences, 2022, 10, 266-277.	0.4	0