Arijit Jana

List of Publications by Year
in descending order

34	1,033	361296 20	414303 32
papers	citations	h-index	g-index

37	37	37	1194
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Role of probiotic Lactobacillus fermentum KKL1 in the preparation of a rice based fermented beverage. Bioresource Technology, 2015, 188, 161-168.	4.8	86
2	Production of cellulolytic enzymes by Aspergillus fumigatus ABK9 in wheat bran-rice straw mixed substrate and use of cocktail enzymes for deinking of waste office paper pulp. Bioresource Technology, 2013, 128, 290-296.	4.8	79
3	Microbial, saccharifying and antioxidant properties of an Indian rice based fermented beverage. Food Chemistry, 2015, 168, 196-202.	4.2	72
4	Biosynthesis, structural architecture and biotechnological potential of bacterial tannase: A molecular advancement. Bioresource Technology, 2014, 157, 327-340.	4.8	68
5	Structural characterization of thermostable, solvent tolerant, cytosafe tannase from Bacillus subtilis PAB2. Biochemical Engineering Journal, 2013, 77, 161-170.	1.8	62
6	An efficient cloth cleaning properties of a crude keratinase combined with detergent: towards industrial viewpoint. Journal of Cleaner Production, 2014, 66, 672-684.	4.6	57
7	Process optimization of xylanase production using cheap solid substrate by Trichoderma reesei SAF3 and study on the alteration of behavioral properties of enzyme obtained from SSF and SmF. Bioprocess and Biosystems Engineering, 2013, 36, 57-68.	1.7	48
8	Bacterial keratinolytic protease, imminent starter for NextGen leather and detergent industries. Sustainable Chemistry and Pharmacy, 2016, 3, 8-22.	1.6	46
9	Xylanase Isozymes from the Newly Isolated Bacillus sp. CKBx1D and Optimization of Its Deinking Potentiality. Applied Biochemistry and Biotechnology, 2012, 167, 1208-1219.	1.4	41
10	Proficient biodegradation of shrimp shell waste by Aeromonas hydrophila SBK1 forÂthe concomitant production of antifungal chitinase and antioxidant chitosaccharides. International Biodeterioration and Biodegradation, 2013, 79, 88-97.	1.9	35
11	Effective Dehairing Properties of Keratinase from Paenibacillus woosongensis TKB2 Obtained Under Solid State Fermentation. Waste and Biomass Valorization, 2014, 5, 97-107.	1.8	34
12	Production of Î±-Amylase by Aspergillus terreus NCFT 4269.10 Using Pearl Millet and Its Structural Characterization. Frontiers in Plant Science, 2016, 7, 639.	1.7	32
13	Bioconversion of rice straw to sugar using multizyme complex of fungal origin and subsequent production of bioethanol by mixed fermentation of Saccharomyces cerevisiae MTCC 173 and Zymomonas mobilis MTCC 2428. Industrial Crops and Products, 2013, 46, 217-225.	2.5	30
14	Characterization of Tannase Protein Sequences of Bacteria and Fungi: An In Silico Study. Protein Journal, 2012, 31, 306-327.	0.7	28
15	Tannase Immobilization by Chitin-Alginate Based Adsorption-Entrapment Technique and Its Exploitation in Fruit Juice Clarification. Food and Bioprocess Technology, 2015, 8, 2319-2329.	2.6	28
16	Xylitol Production from Lignocellulosic Pentosans: A Rational Strain Engineering Approach toward a Multiproduct Biorefinery. Journal of Agricultural and Food Chemistry, 2019, 67, 1173-1186.	2.4	27
17	Chitinolytic enzymes from the newly isolated Aeromonas hydrophila SBK1: study of the mosquitocidal activity. BioControl, 2012, 57, 441-449.	0.9	26
18	Extraction of chitin from Litopenaeus vannamei shell and its subsequent characterization: an approach of waste valorization through microbial bioprocessing. Bioprocess and Biosystems Engineering, 2021, 44, 1943-1956.	1.7	25

#	Article	IF	Citations
19	Smart cleaning-in-place process through crude keratinase: an eco-friendly cleaning techniques towards dairy industries. Journal of Cleaner Production, 2014, 76, 140-153.	4.6	24
20	Chitinases biosynthesis by immobilized Aeromonas hydrophila SBK1 by prawn shells valorization and application of enzyme cocktail for fungal protoplast preparation. Journal of Bioscience and Bioengineering, 2014, 117, 170-177.	1.1	23
21	Tannase Production by Penicillium purpurogenum PAF6 in Solid State Fermentation of Tannin-Rich Plant Residues Following OVAT and RSM. Applied Biochemistry and Biotechnology, 2012, 167, 1254-1269.	1.4	22
22	Appraisal of antioxidant, anti-hemolytic and DNA shielding potentialities of chitosaccharides produced innovatively from shrimp shell by sequential treatment with immobilized enzymes. Food Chemistry, 2014, 158, 325-334.	4.2	17
23	Purification and biochemical characterization of chitinase of Aeromonas hydrophila SBK1 biosynthesized using crustacean shell. Biocatalysis and Agricultural Biotechnology, 2016, 5, 211-218.	1.5	16
24	Keratinase Biosynthesis from Waste Poultry Feathers for Proteinaceous Stain Removal. ACS Sustainable Chemistry and Engineering, 2020, 8, 17651-17663.	3.2	16
25	Thermostable amylase production from hot spring isolate Exiguobacterium sp: A promising agent for natural detergents. Sustainable Chemistry and Pharmacy, 2016, 3, 59-68.	1.6	15
26	Thermostable acidic protease production inAspergillus terreusNCFT 4269.10 using chickling vetch peels. Journal of Taibah University for Science, 2016, 10, 571-583.	1.1	15
27	Rapid screening of tannase producing microbes by using natural tannin. Brazilian Journal of Microbiology, 2012, 43, 1080-1083.	0.8	12
28	Enhanced tannase production by Bacillus subtilis PAB2 with concomitant antioxidant production. Biocatalysis and Agricultural Biotechnology, 2013, 2, 363-371.	1.5	12
29	Exploitation of fermented shrimp-shells hydrolysate as functional food: assessment of antioxidant, hypocholesterolemic and prebiotic activities. Indian Journal of Experimental Biology, 2013, 51, 924-34.	0.5	11
30	Thermodynamics and kinetic properties of halostable endoglucanase from Aspergillus fumigatus ABK9. Journal of Basic Microbiology, 2014, 54, S142-51.	1.8	9
31	Smart Cleaning Properties of a Multi Tolerance Keratinolytic Protease from an Extremophilic Bacillus tequilensis hsTKB2: Prediction of Enzyme Modification Site. Waste and Biomass Valorization, 2014, 5, 931-945.	1.8	9
32	Low cost single-step purification of endoglucanase from Aspergillus fumigatus ABK-9. Indian Journal of Experimental Biology, 2013, 51, 954-9.	0.5	3
33	Rapid screening of tannase producing microbes by using natural tannin. Brazilian Journal of Microbiology, 2012, 43, 1080-3.	0.8	1
34	Analysis of alteration of gut microbial population under the exposure of graded hyperbaric pressures: application of metagenomic approach. Indian Journal of Experimental Biology, 2013, 51, 960-8.	0.5	1