

Debendra K Sahoo

List of Publications by Year in descending order

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25
papers

887
citations

567281

15
h-index

580821

25
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27
all docs

27
docs citations

27
times ranked

1335
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of physicochemical and functional similarity of a new CHO derived anti-EGFR antibody P-mAb to its reference medicinal product. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2022, 50, 17-28.	2.8	3
2	The identification of novel promoters and terminators for protein expression and metabolic engineering applications in <i>Kluyveromyces marxianus</i> . <i>Metabolic Engineering Communications</i> , 2021, 12, e00160.	3.6	4
3	Deciphering the Antibacterial Role of Peptide From <i>Bacillus subtilis</i> subsp. <i>spizizenii</i> Ba49 Against <i>Staphylococcus aureus</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 708712.	3.5	8
4	Bacteriocin isolated from the natural inhabitant of <i>Allium cepa</i> against <i>Staphylococcus aureus</i> . <i>World Journal of Microbiology and Biotechnology</i> , 2021, 37, 20.	3.6	11
5	Studies on efficient production of a novel L-asparaginase by a newly isolated <i>Pseudomonas resinovorans</i> IGS-131 and its heterologous expression in <i>Escherichia coli</i> . <i>3 Biotech</i> , 2020, 10, 148.	2.2	17
6	A comprehensive review on microbial L-asparaginase: Bioprocessing, characterization, and industrial applications. <i>Biotechnology and Applied Biochemistry</i> , 2020, 67, 619-647.	3.1	68
7	A new pH indicator dye-based method for rapid and efficient screening of L-asparaginase producing microorganisms. <i>Enzyme and Microbial Technology</i> , 2017, 107, 72-81.	3.2	19
8	Novel surface antigen based impedimetric immunosensor for detection of <i>Salmonella typhimurium</i> in water and juice samples. <i>Biosensors and Bioelectronics</i> , 2016, 85, 707-713.	10.1	63
9	Molecular strategies for enhancing microbial production of xylitol. <i>Process Biochemistry</i> , 2016, 51, 809-819.	3.7	29
10	Sonorensin: A new bacteriocin with potential of an anti-biofilm agent and a food biopreservative. <i>Scientific Reports</i> , 2015, 5, 13412.	3.3	106
11	Molecular Mechanism of Poly(vinyl alcohol) Mediated Prevention of Aggregation and Stabilization of Insulin in Nanoparticles. <i>Molecular Pharmaceutics</i> , 2015, 12, 1018-1030.	4.6	21
12	EpiDBase: a manually curated database for small molecule modulators of epigenetic landscape. <i>Database: the Journal of Biological Databases and Curation</i> , 2015, 2015, .	3.0	17
13	Bioprocess development for the production of sonorensin by <i>Bacillus sonorensis</i> MT93 and its application as a food preservative. <i>Bioresource Technology</i> , 2015, 175, 358-366.	9.6	21
14	Sonorensin: an Antimicrobial Peptide, Belonging to the Heterocycloanthracin Subfamily of Bacteriocins, from a New Marine Isolate, <i>Bacillus sonorensis</i> MT93. <i>Applied and Environmental Microbiology</i> , 2014, 80, 2981-2990.	3.1	76
15	Studies on xylitol production by metabolic pathway engineered <i>Debaryomyces hansenii</i> . <i>Bioresource Technology</i> , 2013, 147, 449-455.	9.6	55
16	Molecular Mechanism of Improved Structural Integrity of Protein in Polymer Based Microsphere Delivery System. <i>Molecular Pharmaceutics</i> , 2012, 9, 2403-2414.	4.6	14
17	Production of soluble recombinant proteins in <i>Escherichia coli</i> : Effects of process conditions and chaperone co-expression on cell growth and production of xylanase. <i>Bioresource Technology</i> , 2012, 123, 135-143.	9.6	88
18	Molecular mechanism of polyethylene glycol mediated stabilization of protein. <i>Biochemical and Biophysical Research Communications</i> , 2010, 392, 561-566.	2.1	87

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19	Enhanced production of recombinant streptokinase in <i>Escherichia coli</i> using fed-batch culture. <i>Bioresource Technology</i> , 2009, 100, 4468-4474.	9.6	41
20	Immobilized chaperones: A productive alternative to refolding of bacterial inclusion body proteins. <i>Process Biochemistry</i> , 2008, 43, 587-597.	3.7	19
21	Hydrophobic interaction expanded bed adsorption chromatography (HI-EBAC) based facile purification of recombinant Streptokinase from <i>E. coli</i> inclusion bodies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 850, 384-391.	2.3	13
22	Evaluation of ligninolytic microorganisms for efficient decolorization of a small pulp and paper mill effluent. <i>Process Biochemistry</i> , 2005, 40, 1573-1578.	3.7	52
23	Effect of oxygen transfer on glycerol biosynthesis by an osmophilic yeast <i>Candida magnoliae</i> I2B. <i>Biotechnology and Bioengineering</i> , 2002, 78, 545-555.	3.3	23
24	An investigation on glycerol biosynthesis by an osmophilic yeast in a bioreactor. <i>Process Biochemistry</i> , 2001, 36, 839-846.	3.7	14
25	Studies on Alkaline Protease Produced by <i>Bacillus</i> sp. NG312. <i>Applied Biochemistry and Biotechnology</i> , 1999, 76, 57-64.	2.9	15