Ali Asghar Karkhane

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/4081373/publications.pdf

Version: 2024-02-01

10 papers	112 citations	1684188 5 h-index	1372567 10 g-index
11 all docs	11 docs citations	11 times ranked	231 citing authors

#	Article	IF	Citations
1	Practical evaluation of 11 de novo assemblers in metagenome assembly. Journal of Microbiological Methods, 2018, 151, 99-105.	1.6	31
2	The effect of substitution of Phe181 and Phe182 with Ala on activity, substrate specificity and stabilization of substrate at the active site of Bacillus thermocatenulatus lipase. Journal of Molecular Catalysis B: Enzymatic, 2009, 61, 162-167.	1.8	29
3	Cloning and characterization of newly isolated lipase from Enterobacter sp. Bn12. Brazilian Journal of Microbiology, 2014, 45, 677-687.	2.0	16
4	Evaluation of nine popular de novo assemblers in microbial genome assembly. Journal of Microbiological Methods, 2017, 143, 32-37.	1.6	13
5	In silico design and construction of metalâ€binding hybrid proteins for specific removal of cadmium based on <scp>CS</scp>3 pili display on the surface of Escherichia coli. Biotechnology and Applied Biochemistry, 2013, 60, 564-572.	3.1	6
6	Rational Design of K173A Substitution Enhances Thermostability Coupled with Catalytic Activity of Enterobacter sp. Bn12 Lipase. Journal of Molecular Microbiology and Biotechnology, 2014, 24, 262-269.	1.0	5
7	Role of Q177A and K173A/Q177A substitutions in thermostability and activity of the ELBn12 lipase. Biotechnology and Applied Biochemistry, 2018, 65, 203-211.	3.1	4
8	Efficient Cadmium Bioaccumulation by Displayed Hybrid CS3 Pili: Effect of Heavy Metal Binding Motif Insertion Site on Adsorption Capacity and Selectivity. Applied Biochemistry and Biotechnology, 2015, 177, 1729-1741.	2.9	3
9	In silico and experimental improvement of bacteriorhodopsin production in Halobacterium salinarum R1 by increasing DNA-binding affinity of Bat through Q661R/Q665R substitutions in HTH motif. Extremophiles, 2019, 23, 59-67.	2.3	3
10	Designing a Construct of Chimeric Multi-Epitopes Protein for Contraceptive Vaccine in Mice: An Immunoinformatics and In Silico Study. Research in Molecular Medicine, 2020, 8, 71-82.	0.2	1