

Ali Asghar Karkhane

List of Publications by Year in descending order

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