

Mahdi Aminian

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

259
citations

1040056

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940533

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21
times ranked

323
citing authors

#	ARTICLE	IF	CITATIONS
1	Improvement of thermostability of cholesterol oxidase from streptomyces Sp. SA-COO by random mutagenesis. <i>Protein Expression and Purification</i> , 2022, 191, 106028.	1.3	2
2	Purification and Biochemical Characterization of Two Anionic Peroxidase Isoenzymes from <i>Raphanus sativus</i> L. var niger Roots. <i>Applied Biochemistry and Biotechnology</i> , 2022, 194, 2219-2235.	2.9	5
3	Production of IgY polyclonal antibody against diphtheria toxin and evaluation of its neutralization effect by Vero cell assay. <i>BMC Biotechnology</i> , 2021, 21, 34.	3.3	5
4	A theoretical strategy for acceleration of human immune response against SARS-CoV-2: a fusion protein harboring virus-binding and pre-exposed antigen domains. <i>VirusDisease</i> , 2021, 32, 384-387.	2.0	0
5	Paper based analytical devices for blood grouping: a comprehensive review. <i>Biomedical Microdevices</i> , 2021, 23, 34.	2.8	8
6	Anti-biofilm and anti-metabolic effects of antimicrobial photodynamic therapy using chlorophyllin-phycoerythrin mixture against <i>Streptococcus mutans</i> in experimental biofilm caries model on enamel slabs. <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 29, 101620.	2.6	28
7	Effects of sub-lethal dose of antimicrobial photodynamic therapy on major virulence traits of <i>Streptococcus mutans</i> . <i>Photodiagnosis and Photodynamic Therapy</i> , 2020, 32, 102044.	2.6	6
8	N ¹⁸⁹ and C ²⁷⁴ Truncated Enzymes of Chondroitinase ABC I Regain More Imperturbable Microenvironments Around Structural Components in Comparison to their Wild Type. <i>Protein Journal</i> , 2019, 38, 151-159.	1.6	1
9	Expression optimization, purification, and functional characterization of cholesterol oxidase from <i>Chromobacterium</i> sp. DS1. <i>PLoS ONE</i> , 2019, 14, e0212217.	2.5	19
10	A comparison of three strategies for biopanning of phage ϕ scFv library against diphtheria toxin. <i>Journal of Cellular Physiology</i> , 2019, 234, 9486-9494.	4.1	11
11	Optimization of rPDT fusion protein expression by <i>Escherichia coli</i> in pilot scale fermentation: a statistical experimental design approach. <i>AMB Express</i> , 2018, 8, 135.	3.0	8
12	Expression optimization of recombinant cholesterol oxidase in <i>Escherichia coli</i> and its purification and characterization. <i>AMB Express</i> , 2018, 8, 183.	3.0	8
13	Molecular Design, Expression and Evaluation of PASylated Human Recombinant Erythropoietin with Enhanced Functional Properties. <i>Protein Journal</i> , 2017, 36, 36-48.	1.6	25
14	In vitro evaluation of cross-strain inhibitory effects of IgY polyclonal antibody against <i>H. pylori</i> . <i>Microbial Pathogenesis</i> , 2017, 110, 682-687.	2.9	11
15	Identification of methionine oxidation in human recombinant erythropoietin by mass spectrometry: Comparative isoform distribution and biological activity analysis. <i>Preparative Biochemistry and Biotechnology</i> , 2017, 47, 990-997.	1.9	1
16	Production of Recombinant Human scFv Against Tetanus Toxin Heavy Chain by Phage Display Technology. <i>Monoclonal Antibodies in Immunodiagnosis and Immunotherapy</i> , 2015, 34, 303-309.	1.6	3
17	Rapid fluorometric quantification of bacterial cells using Redsafe nucleic acid stain. <i>Iranian Journal of Microbiology</i> , 2015, 7, 319-23.	0.8	1
18	Enhancement of thermal stability of chondroitinase ABC I by site-directed mutagenesis: An insight from Ramachandran plot. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013, 1834, 479-486.	2.3	40

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19	Mechanism of Coomassie Brilliant Blue G-250 binding to cetyltrimethylammonium bromide: An interference with the Bradford assay. <i>Analytical Biochemistry</i> , 2013, 434, 287-291.	2.4	27
20	Co-solvent mediated thermal stabilization of chondroitinase ABC I form <i>Proteus vulgaris</i> . <i>International Journal of Biological Macromolecules</i> , 2012, 50, 487-492.	7.5	40
21	Expression and purification of a trivalent pertussis toxinâ€“diphtheria toxinâ€“tetanus toxin fusion protein in <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2007, 51, 170-178.	1.3	10