

Mahdi Aminian

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

259
citations

1040056

9
h-index

940533

16
g-index

21
all docs

21
docs citations

21
times ranked

323
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | A comparison of three strategies for biopanning of phage display library against diphtheria toxin. <i>Journal of Cellular Physiology</i> , 2019, 234, 9486-9494. | 4.1 | 11 |
| 9 | Expression and purification of a trivalent pertussis toxin-diphtheria toxin-tetanus toxin fusion protein in <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2007, 51, 170-178. | 1.3 | 10 |
| 10 | 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 |
| 11 | 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 |
| 12 | Paper based analytical devices for blood grouping: a comprehensive review. <i>Biomedical Microdevices</i> , 2021, 23, 34. | 2.8 | 8 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 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 | Improvement of thermostability of cholesterol oxidase from <i>Streptomyces</i> Sp. SA-COO by random mutagenesis. <i>Protein Expression and Purification</i> , 2022, 191, 106028. | 1.3 | 2 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Nâ†89 and Câ†274 Truncated Enzymes of Chondroitinase ABC I Regain More Imperturbable Microenvironments Around Structural Components in Comparison to their Wild Type. Protein Journal, 2019, 38, 151-159. | 1.6 | 1 |
| 20 | Rapid fluorometric quantification of bacterial cells using Redsafe nucleic acid stain. Iranian Journal of Microbiology, 2015, 7, 319-23. | 0.8 | 1 |
| 21 | A theoretical strategy for acceleration of human immune response against SARS-CoV-2: a fusion protein harboring virus-binding and pre-exposed antigen domains. VirusDisease, 2021, 32, 384-387. | 2.0 | 0 |