Nasrin Mollania

List of Publications by Year
in descending order

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24	642	759233 12	610901 24
papers	citations	h-index	g-index

24	24	24	921
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Extracellular biosynthesis of magnetic iron oxide nanoparticles by Bacillus cereus strain HMH1: Characterization and in vitro cytotoxicity analysis on MCF-7 and 3T3 cell lines. Journal of Biotechnology, 2018, 270, 1-11.	3.8	106
2	Enhanced expression of a recombinant bacterial laccase at low temperature and microaerobic conditions: purification and biochemical characterization. Journal of Industrial Microbiology and Biotechnology, 2010, 37, 863-869.	3.0	74
3	Enhancement of a bacterial laccase thermostability through directed mutagenesis of a surface loop. Enzyme and Microbial Technology, 2011, 49, 446-452.	3.2	62
4	A novel quantum dotâ€“laccase hybrid nanobiosensor for low level determination of dopamine. Analyst, The, 2012, 137, 5553.	3.5	61
5	Purification and characterization of a thermostable phytate resistant Î±-amylase from Geobacillus sp. LH8. International Journal of Biological Macromolecules, 2010, 46, 27-36.	7.5	53
6	Protein engineering of laccase to enhance its activity and stability in the presence of organic solvents. Engineering in Life Sciences, 2014, 14, 442-448.	3.6	49
7	Purification and characterization of a novel amylopullulanase that converts pullulan to glucose, maltose, and maltotriose and starch to glucose and maltose. Enzyme and Microbial Technology, 2010, 46, 57-63.	3.2	43
8	Syntheses, characterizations, crystal structures, and biological activities of two new mixed ligand Ni(II) and Cu(II) Schiff base complexes. Journal of Coordination Chemistry, 2015, 68, 632-649.	2.2	31
9	Synthesis, spectral characterization, DFT calculations, antimicrobial activity and molecular docking of 4-bromo-2-((2-hydroxy-5-methylphenylimino)methyl)phenol and its V(V) complex. Inorganica Chimica Acta, 2017, 455, 173-182.	2.4	29
10	An efficient in vitro refolding of recombinant bacterial laccase in Escherichia coli. Enzyme and Microbial Technology, 2013, 52, 325-330.	3.2	28
11	An environmentally benign method for the biosynthesis of stable selenium nanoparticles. Research on Chemical Intermediates, 2016, 42, 4253-4271.	2.7	26
12	A biotemplated nickel nanostructure: Synthesis, characterization and antibacterial activity. Materials Research Bulletin, 2014, 50, 348-353.	5.2	14
13	Purification of selenate reductase from Alcaligenes sp. CKCr-6A with the ability to biosynthesis of selenium nanoparticle: Enzymatic behavior study in imidazolium based ionic liquids and organic solvent. Journal of Molecular Liquids, 2018, 249, 1254-1262.	4.9	13
14	Biosynthesized CuO as a Green and Efficient Nanophotocatalyst in the Solvent-Free Synthesis of Some Chromeno[4, 3-b]Chromenes. Studying anti- Gastric Cancer Activity. Polycyclic Aromatic Compounds, 2022, 42, 7071-7090.	2.6	10
15	CNT-based nanocarrier loaded with pyrimethamine for adipose mesenchymal stem cells differentiation and cancer treatment: The computational and experimental methods. Journal of Biotechnology, 2020, 308, 40-55.	3.8	8
16	Catalytic activation of Bacillus laccase after temperature treatment: Structural & biochemical characterization. International Journal of Biological Macromolecules, 2018, 109, 49-56.	7.5	7
17	Extra EF Hand Unit (DX) Mediated Stabilization and Calcium Independency of Î±-Amylase. Molecular Biotechnology, 2013, 53, 270-277.	2.4	6
18	Incorporation of white tea extract in nanoâ€liposomes: optimization, characterization, and stability. Journal of the Science of Food and Agriculture, 2022, 102, 2050-2060.	3.5	6

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19	Diverse antithetical effects of the bio-compatible Ag-NPs on the hen egg lysozyme amyloid aggregation: from an efficient inhibitor to obscure inducer. Journal of the Iranian Chemical Society, 2019, 16, 33-44.	2.2	4
20	Comamonas sp. halotolerant bacterium from industrial zone of Jovein of Sabzevar introduced as good candidate to remove industrial pollution. Iranian Journal of Microbiology, 2015, 7, 273-80.	0.8	4
21	Antioxidant Capacities, Antimicrobial Activity, Phenolic Contents and Î±-Amylase Inhibitory of Salvia leriifolia Extracts from Sabzevar. Iranian Journal of Science and Technology, Transaction A: Science, 2021, 45, 1-9.	1.5	3
22	An investigation on acarbose inhibition and the number of active sites in an amylopullulanase (L14-APU) from an Iranian Bacillus sp.. Biologia (Poland), 2008, 63, 1051-1056.	1.5	2
23	In vitro study of folate-conjugated silver nanoparticles for enhanced anticancer activity. Bioinspired, Biomimetic and Nanobiomaterials, 2019, 8, 263-270.	0.9	2
24	Introduction of a New Diagnostic Method for Breast Cancer Based on Fine Needle Aspiration (FNA) Test Data and Combining Intelligent Systems. Iranian Journal of Cancer Prevention, 2012, 5, 169-77.	0.7	1