

Amaj Ahmed Laskar

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

413
citations

932766

10
h-index

1199166

12
g-index

12
all docs

12
docs citations

12
times ranked

499
citing authors

#	ARTICLE	IF	CITATIONS
1	Aldehyde toxicity and metabolism: the role of aldehyde dehydrogenases in detoxification, drug resistance and carcinogenesis. <i>Drug Metabolism Reviews</i> , 2019, 51, 42-64.	1.5	113
2	In vitro DNA binding studies of therapeutic and prophylactic drug citral. <i>International Journal of Biological Macromolecules</i> , 2018, 113, 300-308.	3.6	67
3	Induced mutation analysis with biochemical and molecular characterization of high yielding lentil mutant lines. <i>International Journal of Biological Macromolecules</i> , 2018, 109, 167-179.	3.6	48
4	Immobilization of yeast alcohol dehydrogenase on polyaniline coated silver nanoparticles formed by green synthesis. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2015, 119, 78-84.	1.8	32
5	Colorimetric method for the detection of melamine using in-situ formed silver nanoparticles via tannic acid. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 183, 17-22.	2.0	30
6	Activation of Human Salivary Aldehyde Dehydrogenase by Sulforaphane: Mechanism and Significance. <i>PLoS ONE</i> , 2016, 11, e0168463.	1.1	27
7	Enzyme immobilization and molecular modeling studies on an organic-inorganic polypyrrole-titanium(iv)phosphate nanocomposite. <i>New Journal of Chemistry</i> , 2015, 39, 6976-6986.	1.4	22
8	Thymoquinone binds and activates human salivary aldehyde dehydrogenase: Potential therapy for the mitigation of aldehyde toxicity and maintenance of oral health. <i>International Journal of Biological Macromolecules</i> , 2017, 103, 99-110.	3.6	21
9	Human Salivary Aldehyde Dehydrogenase: Purification, Kinetic Characterization and Effect of Ethanol, Hydrogen Peroxide and Sodium Dodecyl Sulfate on the Activity of the Enzyme. <i>Cell Biochemistry and Biophysics</i> , 2016, 74, 307-315.	0.9	20
10	In vitro activity and stability of pure human salivary aldehyde dehydrogenase. <i>International Journal of Biological Macromolecules</i> , 2017, 96, 798-806.	3.6	15
11	Kinetic and biophysical investigation of the inhibitory effect of caffeine on human salivary aldehyde dehydrogenase: Implications in oral health and chemotherapy. <i>Journal of Molecular Structure</i> , 2018, 1157, 61-68.	1.8	10
12	Citral Inhibition of Human Salivary Aldehyde Dehydrogenase. <i>Cell Biochemistry and Biophysics</i> , 2020, 78, 31-42.	0.9	8