

Abdullah M Shohael

List of Publications by Year in descending order

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32
papers

794
citations

567281

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501196

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all docs

32
docs citations

32
times ranked

1003
citing authors

#	ARTICLE	IF	CITATIONS
1	Phenolics metabolism and lignin synthesis in root suspension cultures of <i>Panax ginseng</i> in response to copper stress. <i>Plant Science</i> , 2006, 171, 147-154.	3.6	187
2	Effect of light on oxidative stress, secondary metabolites and induction of antioxidant enzymes in <i>Eleutherococcus senticosus</i> somatic embryos in bioreactor. <i>Process Biochemistry</i> , 2006, 41, 1179-1185.	3.7	153
3	Effect of temperature on secondary metabolites production and antioxidant enzyme activities in <i>Eleutherococcus senticosus</i> somatic embryos. <i>Plant Cell, Tissue and Organ Culture</i> , 2006, 85, 219-228.	2.3	56
4	Application of bioreactor system for large-scale production of <i>Eleutherococcus sessiliflorus</i> somatic embryos in an air-lift bioreactor and production of eleutherosides. <i>Journal of Biotechnology</i> , 2005, 120, 228-236.	3.8	44
5	Enhancement of eleutherosides production in embryogenic cultures of <i>Eleutherococcus sessiliflorus</i> in response to sucrose-induced osmotic stress. <i>Process Biochemistry</i> , 2006, 41, 512-518.	3.7	38
6	Effect of salinity on the morphological, physiological and biochemical properties of lettuce (<i>Lactuca sativa</i> L.) in Bangladesh. <i>Open Agriculture</i> , 2019, 4, 361-373.	1.7	33
7	Increased eleutheroside production in <i>Eleutherococcus sessiliflorus</i> embryogenic suspension cultures with methyl jasmonate treatment. <i>Biochemical Engineering Journal</i> , 2008, 38, 270-273.	3.6	28
8	Glutathione metabolism and antioxidant responses during <i>Eleutherococcus senticosus</i> somatic embryo development in a bioreactor. <i>Plant Cell, Tissue and Organ Culture</i> , 2007, 89, 121-129.	2.3	27
9	Overexpression of the alfalfa DnaJ-like protein (MsDJLP) gene enhance tolerance to chilling and heat stresses in transgenic tobacco plants. <i>Turkish Journal of Biology</i> , 2018, 42, 12-22.	0.8	24
10	Production of biomass and bioactive compounds from shoot cultures of <i>Rosa rugosa</i> using a bioreactor culture system. <i>Horticulture Environment and Biotechnology</i> , 2016, 57, 79-87.	2.1	21
11	Methyl jasmonate induced overproduction of eleutherosides in somatic embryos of <i>Eleutherococcus senticosus</i> cultured in bioreactors. <i>Electronic Journal of Biotechnology</i> , 2007, 10, 0-0.	2.2	21
12	Pilot-scale culture of somatic embryos of <i>Eleutherococcus senticosus</i> in airlift bioreactors for the production of eleutherosides. <i>Biotechnology Letters</i> , 2014, 36, 1727-1733.	2.2	20
13	A comprehensive <i>in silico</i> exploration of pharmacological properties, bioactivities and COX-2 inhibitory potential of eleutheroside B from <i>Eleutherococcus senticosus</i> (Rupr. & Maxim.) Maxim.. <i>Journal of Biomolecular Structure and Dynamics</i> , 2021, 39, 6553-6566.	3.5	19
14	Ubiquitin promoter terminator cassette promotes genetically stable expression of the taste-modifying protein miraculin in transgenic lettuce. <i>Plant Cell Reports</i> , 2011, 30, 2255-2265.	5.6	18
15	Studies on Parental Variability and Heterosis in Rice. <i>Pakistan Journal of Biological Sciences</i> , 2002, 5, 1006-1009.	0.5	18
16	Prevalence and impact of comorbidities on disease prognosis among patients with COVID-19 in Bangladesh: A nationwide study amid the second wave. <i>Diabetes and Metabolic Syndrome: Clinical Research and Reviews</i> , 2021, 15, 102148.	3.6	16
17	Comparative phytochemical, antioxidant, and antibacterial study of different parts of Doigota plants (<i>Bixa orellana</i> L.). <i>Bulletin of the National Research Centre</i> , 2020, 44, .	1.8	10
18	Somatic Embryogenesis and Plant Regeneration from Immature Embryo Derived Callus of Inbred Maize (<i>Zea mays</i> L.). <i>Biotechnology</i> , 2003, 2, 154-161.	0.1	10

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19	ESBL Producing <i>Escherichia coli</i> in Faecal Sludge Treatment Plants: An Invisible Threat to Public Health in Rohingya Camps, Cox's Bazar, Bangladesh. <i>Frontiers in Public Health</i> , 2021, 9, 783019.	2.7	9
20	Changes in Some Biochemical Parameters of Mulberry (<i>Morus sp.</i>) Leaves after Infected with Leaf Spot Disease. <i>Journal of Biological Sciences</i> , 2003, 3, 508-514.	0.3	7
21	Structure to function analysis with antigenic characterization of a hypothetical protein, HPAG1_0576 from <i>Helicobacter pylori</i> HPAG1. <i>Bioinformatics</i> , 2019, 15, 456-466.	0.5	7
22	Insights into the bioactive compounds, antioxidant potential and TLC profiling of different extracts of Tomato plants. <i>Jahangirnagar University Journal of Biological Sciences</i> , 2019, 7, 65-77.	0.3	6
23	A comprehensive multi-directional exploration of phytochemicals and bioactivities of flower extracts from <i>Delonix regia</i> (Bojer ex Hook.) Raf., <i>Cassia fistula</i> L. and <i>Lagerstroemia speciosa</i> L. <i>Biochemistry and Biophysics Reports</i> , 2020, 24, 100805.	1.3	6
24	SOMATIC EMBRYOGENESIS AND SECONDARY METABOLITE PRODUCTION THROUGH BIOREACTOR CULTURE OF SIBERIAN GINSENG (<i>ELEUTHEROCOCCUS SENTICOSUS</i>). <i>Acta Horticulturae</i> , 2007, , 181-186.	0.2	4
25	Production of Bioactive Compounds from Somatic Embryo Suspension Cultures of Siberian Ginseng in Bioreactors. , 2014, , 317-335.		3
26	Influence on attitudes and lifestyle due to lockdown amidst COVID-19 pandemic: a perception-based analysis among Bangladeshi residents. <i>BMC Public Health</i> , 2021, 21, 1974.	2.9	3
27	Salinity stress on morphological and nutritional quality of Napier cultivars under hydroponic condition. <i>Bangladesh Journal of Animal Science</i> , 2017, 46, 102-108.	0.2	2
28	In vitro Regeneration of Grass Pea (<i>Lathyrus sativus</i> L.). <i>Jahangirnagar University Journal of Biological Sciences</i> , 2016, 4, 1-8.	0.3	1
29	Development of an effective in vitro Regeneration protocol for BARI Mash 2 (<i>Vigna mungo</i> L.) an important legume crop in Bangladesh. <i>Jahangirnagar University Journal of Biological Sciences</i> , 2017, 6, 23-33.	0.3	1
30	Evaluation of Nutrient Film Technique and Sand Culture for Year-round Production of Tomato (<i>Lycopersicon esculentum</i> Mill.) in Tropical Asia. <i>Asian Journal of Plant Sciences</i> , 2003, 2, 420-424.	0.4	1
31	Evaluation of growth and some unexplored bioactivities of bioreactor grown adventitious root culture of ginseng (<i>Panax ginseng</i> C.A. Meyer). <i>Biotechnology and Applied Biochemistry</i> , 2022, 69, 2046-2060.	3.1	1
32	Micronutrient Biofortification in Rice through New Breeding Techniques (NBTs): Bangladesh Perspective. <i>Current Nutraceuticals</i> , 2020, 01, .	0.1	0