

Muhammad Azam

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

487
citations

933447

10
h-index

713466

21
g-index

30
all docs

30
docs citations

30
times ranked

432
citing authors

#	ARTICLE	IF	CITATIONS
1	ATP-binding cassette transporters expression profiling revealed its role in the development and regulating stress response in <i>Solanum tuberosum</i> . <i>Molecular Biology Reports</i> , 2022, 49, 5251-5264.	2.3	4
2	Synergistic effect of gum Arabic and carboxymethyl cellulose as biocomposite coating delays senescence in stored tomatoes by regulating antioxidants and cell wall degradation. <i>International Journal of Biological Macromolecules</i> , 2022, 201, 641-652.	7.5	27
3	Characterization of biopolymeric encapsulation system for improved survival of <i>Lactobacillus brevis</i> . <i>Journal of Food Measurement and Characterization</i> , 2022, 16, 2292-2299.	3.2	11
4	Overall quality maintenance of grapefruit during cold storage using pre-storage neem leaf extract dipping. <i>Journal of Food Measurement and Characterization</i> , 2021, 15, 1727-1736.	3.2	6
5	Electromagnetic Energy Surface Modes in Metamaterial-Filled Bi-layer Graphene Structures. <i>Plasmonics</i> , 2021, 16, 1175-1194.	3.4	2
6	High-Throughput LC-ESI-MS/MS Metabolomics Approach Reveals Regulation of Metabolites Related to Diverse Functions in Mature Fruit of Grafted Watermelon. <i>Biomolecules</i> , 2021, 11, 628.	4.0	6
7	Development of antifungal edible coating for strawberry using fruit waste. <i>Journal of Food Processing and Preservation</i> , 2021, 45, e15956.	2.0	9
8	Biochar and <i>Bacillus</i> sp. MN54 Assisted Phytoremediation of Diesel and Plant Growth Promotion of Maize in Hydrocarbons Contaminated Soil. <i>Agronomy</i> , 2021, 11, 1795.	3.0	19
9	Postharvest ascorbic acid application maintained physiological and antioxidant responses of <i>Guava</i> (<i>Psidium guajava</i> L.) at ambient storage. <i>Food Science and Technology</i> , 2021, 41, 748-754.	1.7	12
10	Incorporation of ascorbic acid in chitosan-based edible coating improves postharvest quality and storability of strawberry fruits. <i>International Journal of Biological Macromolecules</i> , 2021, 189, 160-169.	7.5	53
11	Alleviating Role of Gibberellic Acid in Enhancing Plant Growth and Stimulating Phenolic Compounds in Carrot (<i>Daucus carota</i> L.) under Lead Stress. <i>Sustainability</i> , 2021, 13, 12329.	3.2	23
12	Glycinebetaine alleviates the chromium toxicity in <i>Brassica oleracea</i> L. by suppressing oxidative stress and modulating the plant morphology and photosynthetic attributes. <i>Environmental Science and Pollution Research</i> , 2020, 27, 1101-1111.	5.3	72
13	Bioavailability, rheology, and sensory evaluation of mayonnaise fortified with vitamin D encapsulated in protein-based carriers. <i>Journal of Texture Studies</i> , 2020, 51, 955-967.	2.5	15
14	Survival and stability of free and encapsulated probiotic bacteria under simulated gastrointestinal and thermal conditions. <i>International Journal of Food Properties</i> , 2020, 23, 1899-1912.	3.0	29
15	Characterization of peanut seed oil of selected varieties and its application in the cereal-based product. <i>Journal of Food Science and Technology</i> , 2020, 57, 4044-4053.	2.8	7
16	Comparative analysis of primary metabolites and transcriptome changes between ungrafted and pumpkin-grafted watermelon during fruit development. <i>PeerJ</i> , 2020, 8, e8259.	2.0	21
17	Production and characterization of inter and intraspecific hybridization eggplant. <i>Horticultura Brasileira</i> , 2020, 38, 407-414.	0.5	2
18	Comparative effect of mesquite biochar, farmyard manure, and chemical fertilizers on soil fertility and growth of onion (<i>Allium cepa</i> L.). <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	1.3	8

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19	Phytochemicals in <i>Daucus carota</i> and Their Health Benefits”Review Article. <i>Foods</i> , 2019, 8, 424.	4.3	112
20	Foliar- and soil-applied salicylic acid and bagasse compost addition to soil reduced deleterious effects of salinity on wheat. <i>Arabian Journal of Geosciences</i> , 2019, 12, 1.	1.3	7
21	Reduced metabolites of nitroaromatics are distributed in the environment via the food chain. <i>Journal of Hazardous Materials</i> , 2018, 355, 170-179.	12.4	3
22	Effect of an auxin precursor tryptophan and <i>Azotobacter</i> inoculation on yield and chemical composition of potato under fertilized conditions. <i>Journal of Plant Nutrition</i> , 1997, 20, 745-752.	1.9	21
23	The Role of Laboratory Technicians and the client Public-Private collaboration against COVID-19. , 0, , .		0
24	Seasonal Fluctuations of N, P and K in Leaves Influenced Nutrient Requirement During Fruit Development Stages in Different Olive Genotypes. <i>Brazilian Archives of Biology and Technology</i> , 0, 65, .	0.5	2