

Muhammad Inam Afzal

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

413
citations

840776

11
h-index

794594

19
g-index

34
all docs

34
docs citations

34
times ranked

548
citing authors

#	ARTICLE	IF	CITATIONS
1	Biosynthesis and role of 3-methylbutanal in cheese by lactic acid bacteria: Major metabolic pathways, enzymes involved, and strategies for control. <i>Critical Reviews in Food Science and Nutrition</i> , 2017, 57, 399-406.	10.3	63
2	<i>Carnobacterium maltaromaticum</i> : Identification, isolation tools, ecology and technological aspects in dairy products. <i>Food Microbiology</i> , 2010, 27, 573-579.	4.2	61
3	Identification of metabolic pathways involved in the biosynthesis of flavor compound 3-methylbutanal from leucine catabolism by <i>Carnobacterium maltaromaticum</i> LMA 28. <i>International Journal of Food Microbiology</i> , 2012, 157, 332-339.	4.7	40
4	Characterization of <i>Carnobacterium maltaromaticum</i> LMA 28 for its positive technological role in soft cheese making. <i>Food Microbiology</i> , 2013, 36, 223-230.	4.2	22
5	Studying the Influence of Apple Peel Polyphenol Extract Fortification on the Characteristics of Probiotic Yoghurt. <i>Plants</i> , 2020, 9, 77.	3.5	22
6	Modelling and kinetic study of microwave assisted drying of ginger and onion with simultaneous extraction of bioactive compounds. <i>Food Science and Biotechnology</i> , 2020, 29, 513-519.	2.6	21
7	Genome-wide association analysis for stripe rust resistance in spring wheat (<i>Triticum aestivum</i> L.) germplasm. <i>Journal of Integrative Agriculture</i> , 2020, 19, 2035-2043.	3.5	17
8	Effect of oxygen on the biosynthesis of flavor compound 3-methylbutanal from leucine catabolism during batch culture in <i>Carnobacterium maltaromaticum</i> LMA 28. <i>Journal of Dairy Science</i> , 2013, 96, 352-359.	3.4	16
9	Knowledge, attitude & practices (KAPs) regarding rabies endemicity among the community members, Pakistan. <i>Acta Tropica</i> , 2019, 200, 105156.	2.0	16
10	Complete Chromosome Sequence of <i>Carnobacterium maltaromaticum</i> LMA 28. <i>Genome Announcements</i> , 2013, 1, .	0.8	13
11	Modelling and Kinetic Study of Novel and Sustainable Microwave-Assisted Dehydration of Sugarcane Juice. <i>Processes</i> , 2019, 7, 712.	2.8	12
12	Adaptation of the lactic acid bacterium <i>Carnobacterium maltaromaticum</i> LMA 28 to the mammalian gastrointestinal tract: From survival in mice to interaction with human cells. <i>International Dairy Journal</i> , 2014, 34, 93-99.	3.0	10
13	Utilization of wheat germ oil and wheat bran fiber as fat replacer for the development of low-fat beef patties. <i>Food Science and Nutrition</i> , 2021, 9, 1271-1281.	3.4	9
14	In situ synthesis of highly populated CeO ₂ nanocubes grown on carbon nanotubes as a synergy hybrid and its electrocatalytic potential. <i>Journal of Materials Research and Technology</i> , 2019, 8, 5336-5343.	5.8	8
15	Measurement of Off-Flavoring Volatile Compounds and Microbial Load as a Probable Marker for Keeping Quality of Pasteurized Milk. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 959.	2.5	8
16	Chemical profiling, HPLC characterization and in-vitro antioxidant potential of Pakistani propolis collected from peripheral region of Faisalabad. <i>Cellular and Molecular Biology</i> , 2021, 67, 40-44.	0.9	8
17	<i>In-vitro</i> stress stability, digestibility and bioaccessibility of curcumin-loaded polymeric nanocapsules. <i>Journal of Experimental Nanoscience</i> , 2021, 16, 229-245.	2.4	8
18	Untargeted profiling of field cultivated bush tea (<i>Athrixia phylicoides</i> DC.) based on metabolite analysis. <i>Cellular and Molecular Biology</i> , 2020, 66, 104-109.	0.9	8

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19	Carnobacterium. , 2014, , 379-383.		7
20	Palmitine antioxidant and anti-acetylcholinesterase activities: A pre-clinical assessment. Cellular and Molecular Biology, 2020, 66, 54-59.	0.9	7
21	Phytochemical characterization of the Ziziphus joazeiro Mart. metabolites by UPLC-QTOF and antifungal activity evaluation. Cellular and Molecular Biology, 2020, 66, 127-132.	0.9	6
22	Physicochemical, Sensorial and Microbiological Characterization of PoroCheese, an Artisanal Mexican Cheese Made from Raw Milk. Foods, 2019, 8, 509.	4.3	5
23	Exploring the prophylactic role of soy isoflavones against polycystic ovarian syndrome. Food Science and Nutrition, 2021, 9, 4738-4744.	3.4	4
24	Modulatory-antibiotic activity of the essential oil from Eucalyptus citriodora against MDR bacterial strains. Cellular and Molecular Biology, 2020, 66, 60.	0.9	4
25	Antitumor effects of citrinin in an animal model of Sarcoma 180 via cytogenetic mechanisms. Cellular and Molecular Biology, 2020, 66, 120.	0.9	4
26	Effect of alginate beads on olfactory sensory perception of paraffin coated cheese. Czech Journal of Food Sciences, 2018, 36, 255-260.	1.2	3
27	Antibiotics, Acid and Heat Tolerance of Honey adapted Escherichia coli, Salmonella Typhi and Klebsiella pneumoniae. Foods, 2020, 9, 311.	4.3	3
28	Nigella sativa ameliorates oxidative stress induced adverse effects in rodent modeling studies: Indices of serum chemistry and hematology. Food Science and Technology, 2021, 41, 404-411.	1.7	3
29	Safety Assessment of Foods at Capital Hospital of Pakistan through the Hazard Analysis and Critical Control Point System. Journal of Food Protection, 2020, 83, 1387-1395.	1.7	2
30	Assessing the sustainability of public health in the era of globalization. Arabian Journal of Geosciences, 2020, 13, 1.	1.3	1
31	Selected proceedings of the Second Belt and Road Tropical Medical Alliance (BRTMA) forum in tropical medicine. Asian Pacific Journal of Tropical Medicine, 2019, 12, 1.	0.8	1
32	Ascorbic acid antagonizes the sedative effect of diazepam possibly through inhibition of GABA(A) and GABA(B1) receptors. Cellular and Molecular Biology, 2020, 66, 15-19.	0.9	1
33	Preventive role of propolis against hyperglycemia and hyperlipidemia in Sprague dawley rats (Rattus) Tj ETQq1 1 0.784314 rgBT /Over	0.9	0
34	Influence of biochemical treatments on consortium of rhizobacteria and soil fertility. Bangladesh Journal of Botany, 2020, 49, 437-444.	0.4	0