

Syed Azmal Ali

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,322
citations

471371

17
h-index

377752

34
g-index

40
all docs

40
docs citations

40
times ranked

1075
citing authors

#	ARTICLE	IF	CITATIONS
1	Postbiotics-parabiotics: the new horizons in microbial biotherapy and functional foods. <i>Microbial Cell Factories</i> , 2020, 19, 168.	1.9	291
2	Nanoparticle-Based Sustainable Agriculture and Food Science: Recent Advances and Future Outlook. <i>Frontiers in Nanotechnology</i> , 2020, 2, .	2.4	287
3	Phenyllactic acid: A green compound for food biopreservation. <i>Food Control</i> , 2021, 128, 108184.	2.8	55
4	High-resolution mass spectrometry-based global proteomic analysis of probiotic strains <i>Lactobacillus fermentum</i> NCDC 400 and RS2. <i>Journal of Proteomics</i> , 2017, 152, 121-130.	1.2	45
5	DeSUMOylase SENP7-Mediated Epithelial Signaling Triggers Intestinal Inflammation via Expansion of Gamma-Delta T Cells. <i>Cell Reports</i> , 2019, 29, 3522-3538.e7.	2.9	43
6	Fostering next-generation probiotics in human gut by targeted dietary modulation: An emerging perspective. <i>Food Research International</i> , 2021, 150, 110716.	2.9	43
7	Promising role of defensins peptides as therapeutics to combat against viral infection. <i>Microbial Pathogenesis</i> , 2021, 155, 104930.	1.3	41
8	Examination of pathways involved in leukemia inhibitory factor (LIF)-induced cell growth arrest using label-free proteomics approach. <i>Journal of Proteomics</i> , 2017, 168, 37-52.	1.2	40
9	Evaluation of some in vitro probiotic properties of <i>Lactobacillus fermentum</i> Strains. <i>Journal of Food Science and Technology</i> , 2018, 55, 2801-2807.	1.4	40
10	Extending the Depth of Human Plasma Proteome Coverage Using Simple Fractionation Techniques. <i>Journal of Proteome Research</i> , 2021, 20, 1261-1279.	1.8	36
11	Identification of potential protein biomarkers for early detection of pregnancy in cow urine using 2D DIGE and label free quantitation. <i>Clinical Proteomics</i> , 2016, 13, 15.	1.1	32
12	Label-free quantitative proteomic analysis of <i>Lactobacillus fermentum</i> NCDC 400 during bile salt exposure. <i>Journal of Proteomics</i> , 2017, 167, 36-45.	1.2	32
13	Probiotics and gut microbiota: mechanistic insights into gut immune homeostasis through TLR pathway regulation. <i>Food and Function</i> , 2022, 13, 7423-7447.	2.1	30
14	Draft Genome Sequence of <i>Lactobacillus fermentum</i> NCDC 400, Isolated from a Traditional Indian Dairy Product. <i>Genome Announcements</i> , 2018, 6, .	0.8	29
15	Proteomics fingerprints of systemic mechanisms of adaptation to bile in <i>Lactobacillus fermentum</i> . <i>Journal of Proteomics</i> , 2020, 213, 103600.	1.2	29
16	Characterization and use of HapT1-derived homologous tumors as a preclinical model to evaluate therapeutic efficacy of drugs against pancreatic tumor desmoplasia. <i>Oncotarget</i> , 0, 7, 41825-41842.	0.8	27
17	Antimicrobial Peptides in Farm Animals: An Updated Review on Its Diversity, Function, Modes of Action and Therapeutic Prospects. <i>Veterinary Sciences</i> , 2020, 7, 206.	0.6	23
18	High-Resolution Mass Spectrometer-Based Ultra-Deep Profile of Milk Whey Proteome in Indian Zebu (Sahiwal) Cattle. <i>Frontiers in Nutrition</i> , 2020, 7, 150.	1.6	21

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19	In-situ monitoring of xenobiotics using genetically engineered whole-cell-based microbial biosensors: recent advances and outlook. <i>World Journal of Microbiology and Biotechnology</i> , 2021, 37, 81.	1.7	18
20	Impact of CRISPR-Cas9-Based Genome Engineering in Farm Animals. <i>Veterinary Sciences</i> , 2021, 8, 122.	0.6	16
21	Dietary intake of probiotic fermented milk benefits the gut and reproductive health in mice fed with an obesogenic diet. <i>Food and Function</i> , 2022, 13, 737-752.	2.1	15
22	Global proteomic analysis of water buffalo (<i>Bubalus bubalis</i>) saliva at different stages of estrous cycle using high throughput mass spectrometry. <i>Theriogenology</i> , 2018, 110, 52-60.	0.9	14
23	Domestic animal proteomics in the 21st century: A global retrospective and viewpoint analysis. <i>Journal of Proteomics</i> , 2021, 241, 104220.	1.2	13
24	Genome-wide gene expression analysis of 45 days pregnant fetal cotyledons vis-a-vis non-pregnant caruncles in buffalo (<i>Bubalus bubalis</i>). <i>Gene</i> , 2018, 654, 127-137.	1.0	12
25	MSN, MWCNT and ZnO nanoparticle-induced CHO-K1 cell polarisation is linked to cytoskeleton ablation. <i>Journal of Nanobiotechnology</i> , 2021, 19, 45.	4.2	12
26	Lactic acid bacteria based purified exopolysaccharide showed viscofying and hypercholesterolemic capabilities. <i>Food Hydrocolloids for Health</i> , 2021, 1, 100042.	1.6	10
27	TMT based deep proteome analysis of buffalo mammary epithelial cells and identification of novel protein signatures during lactogenic differentiation. <i>FASEB Journal</i> , 2021, 35, e21621.	0.2	9
28	Draft Genome Sequences of <i>Fructobacillus fructosus</i> DPC 7238 and <i>Leuconostoc mesenteroides</i> DPC 7261, Mannitol-Producing Organisms Isolated from Fructose-Rich Honeybee-Resident Flowers on an Irish Farm. <i>Microbiology Resource Announcements</i> , 2020, 9, .	0.3	9
29	Buffalo sperm surface proteome profiling reveals an intricate relationship between innate immunity and reproduction. <i>BMC Genomics</i> , 2021, 22, 480.	1.2	8
30	Comparative Proteome Profiling of Saliva Between Estrus and Non-Estrus Stages by Employing Label-Free Quantitation (LFQ) and Tandem Mass Tag (TMT)-LC-MS/MS Analysis: An Approach for Estrus Biomarker Identification in <i>Bubalus bubalis</i> . <i>Frontiers in Genetics</i> , 2022, 13, .	1.1	7
31	Transcriptional Repression of MFG-E8 Causes Disturbance in the Homeostasis of Cell Cycle Through DOCK/ZP4/STAT Signaling in Buffalo Mammary Epithelial Cells. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 568660.	1.8	6
32	Peptide profiling in cow urine reveals molecular signature of physiology-driven pathways and in-silico predicted bioactive properties. <i>Scientific Reports</i> , 2021, 11, 12427.	1.6	6
33	Buffalo Leukemia Inhibitory Factor Induces Differentiation and Dome-Like Secondary Structures in COS-1 Cells. <i>Cytogenetic and Genome Research</i> , 2017, 151, 119-130.	0.6	5
34	Recombinant purified buffalo leukemia inhibitory factor plays an inhibitory role in cell growth. <i>PLoS ONE</i> , 2018, 13, e0198523.	1.1	4
35	BIOAVAILABILITY OF BIOTRANSFORMED ZINC ENRICHED DAHI IN WISTAR RATS. <i>International Journal of Probiotics and Prebiotics</i> , 2018, 13, 45-54.	0.5	4
36	Use of Nanomaterials for Diagnosis and Treatment: The Advancement of Next-Generation Antiviral Therapy. <i>Microbial Drug Resistance</i> , 2022, 28, 670-697.	0.9	4

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37	Genome Sequence of <i>Lactobacillus rhamnosus</i> Strain NCDC610, Isolated from a Traditional Cereal-Based Fermented Milk Product (Raabadi). <i>Microbiology Resource Announcements</i> , 2021, 10, e0067221.	0.3	1
38	Esterases from the Seeds of an Edible Legume, <i>Phaseolus vulgaris</i> L.; Variability and Stability during Germination. <i>American Journal of Plant Sciences</i> , 2013, 04, 905-909.	0.3	0