

# Suman Dhanda

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

355  
citations

687363

13  
h-index

839539

18  
g-index

27  
all docs

27  
docs citations

27  
times ranked

474  
citing authors

#	ARTICLE	IF	CITATIONS
1	Purification and characterization of $\beta$ -galactosidase from probiotic <i>Pediococcus acidilactici</i> and its use in milk lactose hydrolysis and galactooligosaccharide synthesis. <i>Bioorganic Chemistry</i> , 2018, 77, 176-189.	4.1	53
2	Purification, partial structural characterization and health benefits of exopolysaccharides from potential probiotic <i>Pediococcus acidilactici</i> NCDC 252. <i>Process Biochemistry</i> , 2020, 99, 79-86.	3.7	29
3	Heat stress and antioxidant enzyme activity in bubaline ( <i>Bubalus bubalis</i> ) oocytes during in vitro maturation. <i>International Journal of Biometeorology</i> , 2016, 60, 1357-1366.	3.0	23
4	Purification and biochemical characterization of dipeptidyl peptidase-II (DPP7) homologue from germinated <i>Vigna radiata</i> seeds. <i>Bioorganic Chemistry</i> , 2015, 63, 132-141.	4.1	20
5	Next generation sequencing, biochemical characterization, metabolic pathway analysis of novel probiotic <i>Pediococcus acidilactici</i> NCDC 252 and its evolutionary relationship with other lactic acid bacteria. <i>Molecular Biology Reports</i> , 2019, 46, 5883-5895.	2.3	20
6	Hydrolysis of various bioactive peptides by goat brain dipeptidylpeptidase-III homologue. <i>Cell Biochemistry and Function</i> , 2008, 26, 339-345.	2.9	19
7	<i>In vitro</i> evaluation of <i>Pediococcus acidilactici</i> NCDC 252 for its probiotic attributes. <i>International Journal of Dairy Technology</i> , 2015, 68, 533-542.	2.8	18
8	Extraction, purification and characterization of low molecular weight Proline iminopeptidase from probiotic <i>L. plantarum</i> for meat tenderization. <i>International Journal of Biological Macromolecules</i> , 2018, 109, 651-663.	7.5	18
9	Enkephalin Degrading Enzymes: Metalloproteases with High Potential for Drug Development. <i>Current Pharmaceutical Design</i> , 2012, 18, 220-230.	1.9	17
10	Dipeptidyl peptidase-II from probiotic <i>Pediococcus acidilactici</i> : Purification and functional characterization. <i>International Journal of Biological Macromolecules</i> , 2016, 93, 919-932.	7.5	17
11	Isolation, purification and characterization of a DPP-III homologue from goat brain. <i>Protein Expression and Purification</i> , 2007, 52, 297-305.	1.3	15
12	Functional characterization and specific effects of various peptides on enzymatic activity of a DPP-III homologue from goat brain. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2008, 23, 174-181.	5.2	13
13	<i>In Silico</i> Evaluation of Potential DPP-III Inhibitor Precursors from Dietary Proteins. <i>International Journal of Food Properties</i> , 2015, 18, 499-507.	3.0	13
14	Aggregation, adhesion and efficacy studies of probiotic candidate <i>Pediococcus acidilactici</i> NCDC 252: a strain of dairy origin. <i>World Journal of Microbiology and Biotechnology</i> , 2020, 36, 10.	3.6	13
15	In silico molecular docking of SARS-CoV-2 surface proteins with microbial non-ribosomal peptides: identification of potential drugs. <i>Journal of Proteins and Proteomics</i> , 2021, 12, 177-184.	1.5	12
16	Biochemical, Kinetic, and In Silico Characterization of DING Protein Purified from Probiotic Lactic Acid Bacteria <i>Pediococcus acidilactici</i> NCDC 252. <i>Applied Biochemistry and Biotechnology</i> , 2015, 175, 1092-1110.	2.9	11
17	Mechanistic Insight of Probiotics Derived Anticancer Pharmaceuticals: A Road Forward for Cancer Therapeutics. <i>Nutrition and Cancer</i> , 2017, 69, 375-380.	2.0	11
18	Peptidoglycan Hydrolases of Probiotic <i>Pediococcus acidilactici</i> NCDC 252: Isolation, Physicochemical and In Silico Characterization. <i>International Journal of Peptide Research and Therapeutics</i> , 2020, 26, 2119-2127.	1.9	7

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19	Goat brain enkephalin degrading enzyme: interaction with analgesic and antihypertensive drugs. Medicinal Chemistry Research, 2011, 20, 1294-1297.	2.4	5
20	An improved protocol for rapid extraction of membrane enzymes from Gram positive bacteria. Analytical Methods, 2012, 4, 2574.	2.7	4
21	Purification, kinetic and functional characterization of membrane bound dipeptidyl peptidase-III from NCDC 252: a probiotic lactic acid bacteria. Molecular Biology Reports, 2018, 45, 973-986.	2.3	4
22	Activity Staining and Inhibition Characterization of Dipeptidylpeptidase-III Enzyme from Goat Brain. Enzyme Research, 2011, 2011, 1-3.	1.8	3
23	Production of Extracellular Alkaline Serine Protease from <i>Pediococcus acidilactici</i> NCDC 252: Isolation, Purification, Physicochemical and Catalytic Characterization. Catalysis Letters, 2021, 151, 324-337.	2.6	3
24	In silico analysis of <i>Pediococcus acidilactici</i> NCDC 252 genome revealed nineteen novel genes. Gene Reports, 2020, 21, 100849.	0.8	2
25	Membrane Bound Aminopeptidase B of a Potential Probiotic <i>Pediococcus acidilactici</i> NCDC 252: Purification, Physicochemical and Kinetic Characterization. International Journal of Peptide Research and Therapeutics, 2021, 27, 1641-1655.	1.9	2
26	Characterization of starter cultures and nutritional properties of <i>Pediococcus acidilactici</i> NCDC 252: A potential probiotic of dairy origin. Journal of Food Processing and Preservation, 2022, 46, .	2.0	2
27	Biochemical and Physiological Studies on the Effects of Senescence Leaves of <i>Populus deltoides</i> on <i>Triticum vulgare</i> . Scientific World Journal, The, 2014, 2014, 1-7.	2.1	1