

Medicharla V Jagannadham

List of Publications by Year in descending order

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32
papers

943
citations

516710

16
h-index

454955

30
g-index

35
all docs

35
docs citations

35
times ranked

1195
citing authors

#	ARTICLE	IF	CITATIONS
1	Protective role of <i>E. coli</i> outer membrane vesicles against antibiotics. <i>Microbiological Research</i> , 2015, 181, 1-7.	5.3	116
2	Carotenoids of an Antarctic psychrotolerant bacterium, <i>Sphingobacterium antarcticus</i> , and a mesophilic bacterium, <i>Sphingobacterium multivorum</i> . <i>Archives of Microbiology</i> , 2000, 173, 418-424.	2.2	109
3	Differential protein expression in human gliomas and molecular insights. <i>Proteomics</i> , 2005, 5, 1167-1177.	2.2	102
4	Molecular Characterization and Functional Analysis of Outer Membrane Vesicles from the Antarctic Bacterium <i>Pseudomonas syringae</i> Suggest a Possible Response to Environmental Conditions. <i>Journal of Proteome Research</i> , 2014, 13, 1345-1358.	3.7	96
5	Carotenoid Pigments of an Antarctic Psychrotrophic Bacterium <i>Micrococcus Roseus</i> : Temperature Dependent Biosynthesis, Structure, and Interaction with Synthetic Membranes. <i>Biochemical and Biophysical Research Communications</i> , 1997, 239, 85-90.	2.1	81
6	Antibacterial activities and conformations of bovine β -defensin BNBD-12 and analogs: structural and disulfide bridge requirements for activity. <i>Peptides</i> , 2002, 23, 413-418.	2.4	59
7	The molten globular intermediate form in the folding pathway of human carbonic anhydrase B. <i>FEBS Letters</i> , 1985, 188, 326-330.	2.8	50
8	Bacterial lipid modification of proteins for novel protein engineering applications. <i>Protein Engineering, Design and Selection</i> , 2004, 17, 721-729.	2.1	35
9	Antibiotic Resistance of Bacteria. <i>BioMed Research International</i> , 2015, 2015, 1-2.	1.9	31
10	Molecular characterization of outer membrane vesicles released from <i>Acinetobacter radioresistens</i> and their potential roles in pathogenesis. <i>Microbial Pathogenesis</i> , 2015, 83-84, 12-22.	2.9	27
11	Comprehensive proteomic analysis and pathogenic role of membrane vesicles of <i>Listeria monocytogenes</i> serotype 4b reveals proteins associated with virulence and their possible interaction with host. <i>International Journal of Medical Microbiology</i> , 2019, 309, 199-212.	3.6	26
12	Identification of proteins from membrane preparations by a combination of MALDI TOF-TOF and LC-coupled linear ion trap MS analysis of an Antarctic bacterium <i>Pseudomonas syringae</i> Lz4W, a strain with unsequenced genome. <i>Electrophoresis</i> , 2008, 29, 4341-4350.	2.4	19
13	A <i>Piscibacillus</i> sp. Isolated from A Soda Lake Exhibits Anticancer Activity Against Breast Cancer MDA-MB-231 Cells. <i>Microorganisms</i> , 2019, 7, 34.	3.6	19
14	The Major Carotenoid Pigment of a Psychrotrophic <i>Micrococcus roseus</i> Strain: Fluorescence Properties of the Pigment and Its Binding to Membranes. <i>Biochemical and Biophysical Research Communications</i> , 1996, 220, 724-728.	2.1	18
15	Identification of Outer Membrane Proteins from an Antarctic Bacterium <i>Pseudomonas syringae</i> Lz4W. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M110.004549.	3.8	18
16	In Vivo Characteristics and Localisation of Carotenoid Pigments in Psychrotrophic and Mesophilic <i>Micrococcus roseus</i> Using Photoacoustic Spectroscopy. <i>Biochemical and Biophysical Research Communications</i> , 1996, 227, 221-226.	2.1	17
17	Studies on the mechanism of multidrug resistance of <i>Acinetobacter baumannii</i> by proteomic analysis of the outer membrane vesicles of the bacterium. <i>Journal of Proteins and Proteomics</i> , 2019, 10, 1-15.	1.5	14
18	Noncovalent Interaction of G-Quadruplex DNA with Acridine at Low Concentration Monitored by MALDI-TOF Mass Spectrometry. <i>Nucleosides, Nucleotides and Nucleic Acids</i> , 2007, 26, 303-315.	1.1	13

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19	Effects of deleting a tripeptide sequence observed in muscular dystrophy patients on the conformation of synthetic peptides corresponding to the scaffolding domain of caveolin-3. <i>Biochemical and Biophysical Research Communications</i> , 2002, 298, 203-206.	2.1	12
20	Detection of peptides covalently modified with multiple fatty acids by MALDI-TOF mass spectrometry. <i>Chemical Biology and Drug Design</i> , 2005, 66, 94-100.	1.1	11
21	Acetylating Tryptic Peptides Enhances b Ion Intensity in MALDI TOF/TOF: Implications in Peptide Sequencing and Identification of Proteins in an Antarctic Bacterium <i>Pseudomonas Syringae</i> . <i>Proteomics Insights</i> , 2010, 3, PRI.S3676.	2.0	10
22	Soluble glycoproteins of the lacrimal sac: role in defense with special reference to prolactin-inducible protein (PIP). <i>Orbit</i> , 2019, 38, 279-284.	0.8	10
23	Functional analysis of membrane vesicles of <i>Listeria monocytogenes</i> suggests a possible role in virulence and physiological stress response. <i>Microbial Pathogenesis</i> , 2020, 142, 104076.	2.9	10
24	Detecting the Site of Phosphorylation in Phosphopeptides without Loss of Phosphate Group Using MALDI TOF Mass Spectrometry. <i>Analytical Chemistry Insights</i> , 2008, 3, ACI.S497.	2.7	9
25	The proteome of the outer membrane vesicles of an Antarctic bacterium <i>Pseudomonas syringae</i> Lz4W. <i>Data in Brief</i> , 2015, 4, 406-409.	1.0	9
26	Mass spectral analysis of acetylated peptides: Implications in proteomics. <i>European Journal of Mass Spectrometry</i> , 2020, 26, 36-45.	1.0	4
27	Characterization of acetylated histidine b1-ion structure: A competition between oxazolone and side chain imidazole moiety. <i>European Journal of Mass Spectrometry</i> , 2018, 24, 261-268.	1.0	3
28	Characterization of novel DNA-binding proteins expressed in snake oocyte cDNA library. <i>Protein Expression and Purification</i> , 2007, 53, 164-178.	1.3	2
29	Analysis of the Membrane proteins of an Antarctic Bacterium <i>Pseudomonas Syringae</i> . <i>Proteomics Insights</i> , 2011, 4, PRI.S5383.	2.0	2
30	Detection of peptides with intact phosphate groups using MALDI TOF/TOF and comparison with the ESI-MS/MS. <i>European Journal of Mass Spectrometry</i> , 2018, 24, 231-242.	1.0	2
31	Mass spectrometry-based identification and characterization of human hypothetical proteins highlighting the inconsistency across the protein databases. <i>Journal of Proteins and Proteomics</i> , 2020, 11, 17-25.	1.5	2
32	Vendantic view on life and consciousness: BN Shanta is correct. <i>Communicative and Integrative Biology</i> , 2016, 9, e1183855.	1.4	0