

Suman S Thakur

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

1,186
citations

623734

14
h-index

377865

34
g-index

47
all docs

47
docs citations

47
times ranked

2171
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep and Highly Sensitive Proteome Coverage by LC-MS/MS Without Prefractionation. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M110.003699.	3.8	311
2	<i>Withania somnifera</i> reverses Alzheimer's disease pathology by enhancing low-density lipoprotein receptor-related protein in liver. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3510-3515.	7.1	304
3	Lipopeptides from the Banyan Endophyte, <i>Bacillus subtilis</i> K1: Mass Spectrometric Characterization of a Library of Fengycins. <i>Journal of the American Society for Mass Spectrometry</i> , 2012, 23, 1716-1728.	2.8	105
4	Role of 16S ribosomal RNA methylations in translation initiation in <i>Escherichia coli</i> . <i>EMBO Journal</i> , 2008, 27, 840-851.	7.8	64
5	De Novo Sequencing and Disulfide Mapping of a Bromotryptophan-Containing Conotoxin by Fourier Transform Ion Cyclotron Resonance Mass Spectrometry. <i>Analytical Chemistry</i> , 2006, 78, 8082-8088.	6.5	46
6	Fragmentation of peptide disulfides under conditions of negative ion mass spectrometry: Studies of oxidized glutathione and contryphan. <i>Journal of the American Society for Mass Spectrometry</i> , 2008, 19, 358-366.	2.8	38
7	Studies on the DNA binding and anticancer activity of Ru(II) polypyridyl complexes by using a (2-(4-(diethoxymethyl)-1H-imidazo[4,5-f][1,10]phenanthroline)) intercalative ligand. <i>New Journal of Chemistry</i> , 2018, 42, 846-859.	2.8	35
8	Rapid mass spectral identification of contryphan. Detection of characteristic peptide ions by fragmentation of intact disulfide-bonded peptides in crude venom. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 3420-3426.	1.5	33
9	<i>Withania somnifera</i> Root Extract Has Potent Cytotoxic Effect against Human Malignant Melanoma Cells. <i>PLoS ONE</i> , 2015, 10, e0137498.	2.5	28
10	Investigation of post-translational modifications in type 2 diabetes. <i>Clinical Proteomics</i> , 2018, 15, 32.	2.1	24
11	SARS-CoV-2 Infection Triggers Phosphorylation: Potential Target for Anti-COVID-19 Therapeutics. <i>Frontiers in Immunology</i> , 2022, 13, 829474.	4.8	23
12	Implication of Genetic Deletion of Wdr13 in Mice: Mild Anxiety, Better Performance in Spatial Memory Task, with Upregulation of Multiple Synaptic Proteins. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 73.	2.9	22
13	ACE2 as a potential therapeutic target for pandemic COVID-19. <i>RSC Advances</i> , 2020, 10, 39808-39813.	3.6	21
14	Comparison of Nuclear Matrix and Mitotic Chromosome Scaffold Proteins in <i>Drosophila</i> S2 Cells—Transmission of Hallmarks of Nuclear Organization Through Mitosis. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 1965-1978.	3.8	19
15	Characterization of alkali induced formation of lanthionine, trisulfides, and tetrasulfides from peptide disulfides using negative ion mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2009, 20, 783-791.	2.8	18
16	Identification of Components of the SUMOylation Machinery in <i>Candida glabrata</i> . <i>Journal of Biological Chemistry</i> , 2016, 291, 19573-19589.	3.4	13
17	An Insight into Powdery Mildew—Infected, Susceptible, Resistant, and Immune Sunflower Genotypes. <i>Proteomics</i> , 2018, 18, e1700418.	2.2	12
18	Mechanism of growth inhibition of intraerythrocytic stages of <i>Plasmodium falciparum</i> by 5-aminoimidazole-4-carboxamide ribonucleoside (AICAR). <i>Molecular and Biochemical Parasitology</i> , 2011, 177, 1-11.	1.1	8

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19	Extend ethnicity of human microbiome. <i>Nature</i> , 2012, 487, 39-39.	27.8	7
20	Drug Repurposing for Retinoblastoma: Recent Advances. <i>Current Topics in Medicinal Chemistry</i> , 2019, 19, 1535-1544.	2.1	7
21	Absence of Wdr13 Gene Predisposes Mice to Mild Social Isolation and Chronic Stress, Leading to Depression-Like Phenotype Associated With Differential Expression of Synaptic Proteins. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 133.	2.9	6
22	Identification of β - and γ -hydroxy acid containing cyclodepsipeptides in natural peptide mixtures using negative ion mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2009, 20, 2221-2228.	2.8	5
23	Human PRE-PIK3C2B, an intronic cis-element with dual function of activation and repression. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2017, 1860, 196-204.	1.9	5
24	Remdesivir and Its Combination With Repurposed Drugs as COVID-19 Therapeutics. <i>Frontiers in Immunology</i> , 2022, 13, .	4.8	5
25	Detection of the protein dimers, multiple monomeric states and hydrated forms of Plasmodium falciparum triosephosphate isomerase in the gas phase. <i>Protein Engineering, Design and Selection</i> , 2009, 22, 289-304.	2.1	4
26	Single-Run Mass Spectrometry Analysis Provides Deep Insight into E. coli Proteome. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 2394-2401.	2.8	3
27	Simultaneous Occurrence of Nanospheres and Nanofibers Self-Assembled from Achiral Tripeptides. <i>ChemistryOpen</i> , 2019, 8, 266-270.	1.9	3
28	Diverse vaccine platforms safeguarding against SARS-CoV-2 and its variants. <i>Expert Review of Vaccines</i> , 2022, 21, 47-67.	4.4	3
29	Withania somnifera Has Potential to Treat Cancer. , 2017, , 213-226.		2
30	Proteomics and Its Application in Pandemic Diseases. <i>Journal of Proteome Research</i> , 2020, 19, 4215-4218.	3.7	2
31	Achievements in Cancer Research and its Therapeutics in Hundred Years. <i>Current Topics in Medicinal Chemistry</i> , 2019, 19, 1545-1562.	2.1	2
32	Anti-Cancer Drug Discovery: Structure, Function and Novel Strategy (Part-I). <i>Current Topics in Medicinal Chemistry</i> , 2019, 18, 2543-2543.	2.1	1
33	Proteomics and its application in endocrine disorders. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2021, 1869, 140701.	2.3	1
34	Editorial: Proteomics and Its Applications in Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 772811.	2.8	1
35	Editorial: Proteomics and Its Applications in Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 772811.	2.8	1
36	An insight into major signaling pathways and protein-protein interaction networks involved in the pathogenesis of gestational diabetes mellitus. <i>Proteomics</i> , 2022, , 2100200.	2.2	1

#	ARTICLE	IF	CITATIONS
37	India's inspiring former president. Nature, 2015, 524, 291-291.	27.8	0
38	Front Cover: An Insight into Powdery Mildew-Infected, Susceptible, Resistant, and Immune Sunflower Genotypes. Proteomics, 2018, 18, 1870141.	2.2	0
39	Anti-Cancer Drug Discovery: Structure, Function and Novel Strategy â€“ Part-II. Current Topics in Medicinal Chemistry, 2019, 19, 1490-1490.	2.1	0
40	Anti-Cancer Drug Discovery: Structure, Function and Novel Strategy â€“ Part-3. Current Topics in Medicinal Chemistry, 2020, 20, 1771-1771.	2.1	0
41	Anti-Cancer Drug Discovery: Structure, Function and Novel Strategy â€“ Part-4. Current Topics in Medicinal Chemistry, 2020, 20, 1967-1967.	2.1	0