

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	Diverse vaccine platforms safeguarding against SARS-CoV-2 and its variants. Expert Review of Vaccines, 2022, 21, 47-67.	4.4	3
2	SARS-CoV-2 Infection Triggers Phosphorylation: Potential Target for Anti-COVID-19 Therapeutics. Frontiers in Immunology, 2022, 13, 829474.	4.8	23
3	An insight into major signaling pathways and protein-protein interaction networks involved in the pathogenesis of gestational diabetes mellitus. Proteomics, 2022, , 2100200.	2.2	1
4	Remdesivir and Its Combination With Repurposed Drugs as COVID-19 Therapeutics. Frontiers in Immunology, 2022, 13, .	4.8	5
5	Proteomics and its application in endocrine disorders. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2021, 1869, 140701.	2.3	1
6	Editorial: Proteomics and Its Applications in Cancer. Frontiers in Oncology, 2021, 11, 772811.	2.8	1
7	Editorial: Proteomics and Its Applications in Cancer. Frontiers in Oncology, 2021, 11, 772811.	2.8	1
8	Proteomics and Its Application in Pandemic Diseases. Journal of Proteome Research, 2020, 19, 4215-4218.	3.7	2
9	ACE2 as a potential therapeutic target for pandemic COVID-19. RSC Advances, 2020, 10, 39808-39813.	3.6	21
10	Anti-Cancer Drug Discovery: Structure, Function and Novel Strategy – Part-3. Current Topics in Medicinal Chemistry, 2020, 20, 1771-1771.	2.1	0
11	Anti-Cancer Drug Discovery: Structure, Function and Novel Strategy – Part-4. Current Topics in Medicinal Chemistry, 2020, 20, 1967-1967.	2.1	0
12	Anti-Cancer Drug Discovery: Structure, Function and Novel Strategy – Part-II. Current Topics in Medicinal Chemistry, 2019, 19, 1490-1490.	2.1	0
13	Simultaneous Occurrence of Nanospheres and Nanofibers Self-Assembled from Achiral Tripeptides. ChemistryOpen, 2019, 8, 266-270.	1.9	3
14	Anti-Cancer Drug Discovery: Structure, Function and Novel Strategy – (Part-I). Current Topics in Medicinal Chemistry, 2019, 18, 2543-2543.	2.1	1
15	Drug Repurposing for Retinoblastoma: Recent Advances. Current Topics in Medicinal Chemistry, 2019, 19, 1535-1544.	2.1	7
16	Achievements in Cancer Research and its Therapeutics in Hundred Years. Current Topics in Medicinal Chemistry, 2019, 19, 1545-1562.	2.1	2
17	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. New Journal of Chemistry, 2018, 42, 846-859.	2.8	35
18	Front Cover: An Insight into Powdery Mildew-Infected, Susceptible, Resistant, and Immune Sunflower Genotypes. Proteomics, 2018, 18, 1870141.	2.2	0

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19	Single-Run Mass Spectrometry Analysis Provides Deep Insight into E. coli Proteome. Journal of the American Society for Mass Spectrometry, 2018, 29, 2394-2401.	2.8	3
20	Investigation of post-translational modifications in type 2 diabetes. Clinical Proteomics, 2018, 15, 32.	2.1	24
21	Comparison of Nuclear Matrix and Mitotic Chromosome Scaffold Proteins in Drosophila S2 Cellsâ€”Transmission of Hallmarks of Nuclear Organization Through Mitosis. Molecular and Cellular Proteomics, 2018, 17, 1965-1978.	3.8	19
22	Absence of Wdr13 Gene Predisposes Mice to Mild Social Isolation â€” Chronic Stress, Leading to Depression-Like Phenotype Associated With Differential Expression of Synaptic Proteins. Frontiers in Molecular Neuroscience, 2018, 11, 133.	2.9	6
23	An Insight into Powdery Mildewâ€”Infected, Susceptible, Resistant, and Immune Sunflower Genotypes. Proteomics, 2018, 18, e1700418.	2.2	12
24	Human PRE-PIK3C2B, an intronic cis-element with dual function of activation and repression. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2017, 1860, 196-204.	1.9	5
25	Withania somnifera Has Potential to Treat Cancer. , 2017, , 213-226.		2
26	Implication of Genetic Deletion of Wdr13 in Mice: Mild Anxiety, Better Performance in Spatial Memory Task, with Upregulation of Multiple Synaptic Proteins. Frontiers in Molecular Neuroscience, 2016, 9, 73.	2.9	22
27	Identification of Components of the SUMOylation Machinery in Candida glabrata. Journal of Biological Chemistry, 2016, 291, 19573-19589.	3.4	13
28	Withania somnifera Root Extract Has Potent Cytotoxic Effect against Human Malignant Melanoma Cells. PLoS ONE, 2015, 10, e0137498.	2.5	28
29	India's inspiring former president. Nature, 2015, 524, 291-291.	27.8	0
30	Lipopeptides from the Banyan Endophyte, <i>Bacillus subtilis</i> K1: Mass Spectrometric Characterization of a Library of Fengycins. Journal of the American Society for Mass Spectrometry, 2012, 23, 1716-1728.	2.8	105
31	Extend ethnicity of human microbiome. Nature, 2012, 487, 39-39.	27.8	7
32	<i>Withania somnifera</i> reverses Alzheimer's disease pathology by enhancing low-density lipoprotein receptor-related protein in liver. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3510-3515.	7.1	304
33	Deep and Highly Sensitive Proteome Coverage by LC-MS/MS Without Prefractionation. Molecular and Cellular Proteomics, 2011, 10, M110.003699.	3.8	311
34	Mechanism of growth inhibition of intraerythrocytic stages of Plasmodium falciparum by 5-aminoimidazole-4-carboxamide ribonucleoside (AICAR). Molecular and Biochemical Parasitology, 2011, 177, 1-11.	1.1	8
35	Detection of the protein dimers, multiple monomeric states and hydrated forms of Plasmodium falciparum triosephosphate isomerase in the gas phase. Protein Engineering, Design and Selection, 2009, 22, 289-304.	2.1	4
36	Characterization of alkali induced formation of lanthionine, trisulfides, and tetrasulfides from peptide disulfides using negative ion mass spectrometry. Journal of the American Society for Mass Spectrometry, 2009, 20, 783-791.	2.8	18

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37	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
38	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
39	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
40	Rapid mass spectral identification of contryphans. 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
41	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