Sanjeeva Srivastava

List of Publications by Year
in descending order

99 papers	2,101 citations	218677 26 h-index	315739 38 g-index
107 all docs	107 docs citations	107 times ranked	2692 citing authors

#	Article	IF	Citations
1	Organ-Based Proteome and Post-Translational Modification Profiling of a Widely Cultivated Tropical Water Fish, Labeo rohita. Journal of Proteome Research, 2022, 21, 420-437.	3.7	6
2	Mass spectrometry and proteome analysis to identify SARS-CoV-2 protein from COVID-19 patient swab samples. STAR Protocols, 2022, 3, 101177.	1.2	4
3	MicroRNA sequence codes for small extracellular vesicle release and cellular retention. Nature, 2022, 601, 446-451.	27.8	300
4	Semen Proteomics of COVID-19 Convalescent Men Reveals Disruption of Key Biological Pathways Relevant to Male Reproductive Function. ACS Omega, 2022, 7, 8601-8612.	3.5	18
5	A Quantitative Systems Approach to Define Novel Effects of Tumour p53 Mutations on Binding Oncoprotein MDM2. International Journal of Molecular Sciences, 2022, 23, 53.	4.1	2
6	The PeptideAtlas of a widely cultivated fish Labeo rohita: A resource for the Aquaculture Community. Scientific Data, 2022, 9, 171.	5.3	9
7	Insights on Proteomics-Driven Body Fluid-Based Biomarkers of Cervical Cancer. Proteomes, 2022, 10, 13.	3.5	1
8	Rise of the SARS-CoV-2 Variants: can proteomics be the silver bullet?. Expert Review of Proteomics, 2022, 19, 197-212.	3.0	2
9	Protein Microarray-Based Proteomics for Disease Analysis. Methods in Molecular Biology, 2021, 2344, 3-6.	0.9	4
10	Protein Arrays for the Identification of Seroreactive Protein Markers for Infectious Diseases. Methods in Molecular Biology, 2021, 2344, 139-150.	0.9	5
11	Proteomic investigation reveals dominant alterations of neutrophil degranulation and mRNA translation pathways in patients with COVID-19. IScience, 2021, 24, 102135.	4.1	29
12	iTRAQ-based proteome profiling revealed the role of Phytochrome A in regulating primary metabolism in tomato seedling. Scientific Reports, 2021, 11, 7540.	3.3	4
13	Proteomics and Machine Learning Approaches Reveal a Set of Prognostic Markers for COVID-19 Severity With Drug Repurposing Potential. Frontiers in Physiology, 2021, 12, 652799.	2.8	49
14	Mumbai mayhem of COVID-19 pandemic reveals important factors that influence susceptibility to infection. EClinicalMedicine, 2021, 35, 100841.	7.1	13
15	Multiple Reaction Monitoring-Based Targeted Assays for the Validation of Protein Biomarkers in Brain Tumors. Frontiers in Oncology, 2021, 11, 548243.	2.8	18
16	Proteomics advances towards developing SARS-CoV-2 therapeutics using in silico drug repurposing approaches. Drug Discovery Today: Technologies, 2021, 39, 1-12.	4.0	6
17	Recent advances in mass-spectrometry based proteomics software, tools and databases. Drug Discovery Today: Technologies, 2021, 39, 69-79.	4.0	19
18	Rapid Classification of COVID-19 Severity by ATR-FTIR Spectroscopy of Plasma Samples. Analytical Chemistry, 2021, 93, 10391-10396.	6.5	31

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19	Multiomics Analysis and Systems Biology Integration Identifies the Roles of IL-9 in Keratinocyte Metabolic Reprogramming. Journal of Investigative Dermatology, 2021, 141, 1932-1942.	0.7	9
20	Quantitative Proteomics Workflow using Multiple Reaction Monitoring Based Detection of Proteins from Human Brain Tissue. Journal of Visualized Experiments, 2021, , .	0.3	3
21	Data-Independent-Acquisition-Based Proteomic Approach towards Understanding the Acclimation Strategy of Oleaginous Microalga Microchloropsis gaditana CCMP526 in Hypersaline Conditions. ACS Omega, 2021, 6, 22151-22164.	3.5	2
22	Comprehensive proteomic analysis reveals distinct functional modules associated with skull base and supratentorial meningiomas and perturbations in collagen pathway components. Journal of Proteomics, 2021, 246, 104303.	2.4	4
23	A Multi-omics Longitudinal Study Reveals Alteration of the Leukocyte Activation Pathway in COVID-19 Patients. Journal of Proteome Research, 2021, 20, 4667-4680.	3.7	25
24	Peptidomics and proteogenomics: background, challenges and future needs. Expert Review of Proteomics, 2021, 18, 643-659.	3.0	6
25	Proteomics in fisheries and aquaculture: An approach for food security. Food Control, 2021, 127, 108125.	5.5	26
26	Recent advances in proteomics and its implications in pituitary endocrine disorders. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2021, 1869, 140700.	2.3	9
27	Profiling Autoantibody Responses to Devise Novel Diagnostic and Prognostic Markers Using High-Density Protein Microarrays. Methods in Molecular Biology, 2021, 2344, 191-208.	0.9	1
28	Role of Multiomics Data to Understand Hostâ€“Pathogen Interactions in COVID-19 Pathogenesis. Journal of Proteome Research, 2021, 20, 1107-1132.	3.7	24
29	The proteomic analysis shows enrichment of RNA surveillance pathways in adult SHH and extensive metabolic reprogramming in Group 3 medulloblastomas. Brain Tumor Pathology, 2021, 38, 96-108.	1.7	11
30	Reinspection of a Clinical Proteomics Tumor Analysis Consortium (CPTAC) Dataset with Cloud Computing Reveals Abundant Post-Translational Modifications and Protein Sequence Variants. Cancers, 2021, 13, 5034.	3.7	9
31	Deciphering the Interregional and Interhemisphere Proteome of the Human Brain in the Context of the Human Proteome Project. Journal of Proteome Research, 2021, 20, 5280-5293.	3.7	14
32	Multi-Omics Advancements towards Plasmodium vivax Malaria Diagnosis. Diagnostics, 2021, 11, 2222.	2.6	12
33	Comprehensive Workflow of Mass Spectrometry-based Shotgun Proteomics of Tissue Samples. Journal of Visualized Experiments, 2021, , .	0.3	5
34	Plasma membrane proteome of adhesionâ€competent endometrial epithelial cells and its modulation by Rab11a. Molecular Reproduction and Development, 2020, 87, 17-29.	2.0	1
35	An Integrated Quantitative Proteomics Workflow for Cancer Biomarker Discovery and Validation in Plasma. Frontiers in Oncology, 2020, 10, 543997.	2.8	33
36	Comprehending Meningioma Signaling Cascades Using Multipronged Proteomics Approaches & Targeted Validation of Potential Markers. Frontiers in Oncology, 2020, 10, 1600.	2.8	10

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37	Multiplexed quantitative proteomics provides mechanistic cues for malaria severity and complexity. Communications Biology, 2020, 3, 683.	4.4	17
38	Untargeted Metabolomics Workshop Report: Quality Control Considerations from Sample Preparation to Data Analysis. Journal of the American Society for Mass Spectrometry, 2020, 31, 2006-2010.	2.8	11
39	Artificial Intelligence to Decode Cancer Mechanism: Beyond Patient Stratification for Precision Oncology. Frontiers in Pharmacology, 2020, 11, 1177.	3.5	34
40	A Protein Microarray-Based Investigation of Cerebrospinal Fluid Reveals Distinct Autoantibody Signature in Low and High-Grade Gliomas. Frontiers in Oncology, 2020, 10, 543947.	2.8	5
41	The power of proteomics to monitor senescence-associated secretory phenotypes and beyond: toward clinical applications. Expert Review of Proteomics, 2020, 17, 297-308.	3.0	40
42	COVID-19 Pandemic: Hopes from Proteomics and Multiomics Research. OMICS A Journal of Integrative Biology, 2020, 24, 457-459.	2.0	14
43	Virtualization of science education: a lesson from the COVID-19 pandemic. Journal of Proteins and Proteomics, 2020, 11, 77-80.	1.5	68
44	Comprehensive proteomics investigation of P. vivax-infected human plasma and parasite isolates. BMC Infectious Diseases, 2020, 20, 188.	2.9	8
45	Glioma tumor proteomics: clinically useful protein biomarkers and future perspectives. Expert Review of Proteomics, 2020, 17, 221-232.	3.0	11
46	Objective assessment of intraoperative tumor fluorescence reveals biological heterogeneity within glioblastomas: a biometric study. Journal of Neuro-Oncology, 2020, 146, 477-488.	2.9	2
47	A proteogenomic approach to target neoantigens in solid tumors. Expert Review of Proteomics, 2020, 17, 797-812.	3.0	4
48	Hospital-derived antibody profiles of malaria patients in Southwest India. Malaria Journal, 2019, 18, 138.	2.3	10
49	Rapid Discrimination of Malaria- and Dengue-Infected Patients Sera Using Raman Spectroscopy. Analytical Chemistry, 2019, 91, 7054-7062.	6.5	29
50	Elevated carbon dioxide levels lead to proteome-wide alterations for optimal growth of a fast-growing cyanobacterium, Synechococcus elongatus PCC 11801. Scientific Reports, 2019, 9, 6257.	3.3	21
51	Application of 2D-DIGE and iTRAQ Workflows to Analyze CSF in Gliomas. Methods in Molecular Biology, 2019, 2044, 81-110.	0.9	2
52	Temporal acclimation of Microchloropsis gaditana CCMP526 in response to hypersalinity. Bioresource Technology, 2018, 254, 23-30.	9.6	8
53	A Perspective on Proteomics of Infectious Diseases. Proteomics - Clinical Applications, 2018, 12, e1700139.	1.6	7
54	Multiâ€pronged proteomic analysis to study the glioma pathobiology using cerebrospinal fluid samples. Proteomics - Clinical Applications, 2018, 12, e1700056.	1.6	15

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55	A Proteogenomic Analysis of Haptoglobin in Malaria. Proteomics - Clinical Applications, 2018, 12, e1700077.	1.6	11
56	Identification of Highly Expressed Plasmodium Vivax Proteins from Clinical Isolates Using Proteomics. Proteomics - Clinical Applications, 2018, 12, e1700046.	1.6	17
57	Proteomicsâ€Based Investigations of Neglected and Tropical Diseases. Proteomics - Clinical Applications, 2018, 12, e1800076.	1.6	1
58	Quantitative mass spectrometry analysis reveals a panel of nine proteins as diagnostic markers for colon adenocarcinomas. Oncotarget, 2018, 9, 13530-13544.	1.8	23
59	Personalized medicine beyond genomics: alternative futures in big dataâ€"proteomics, environtome and the social proteome. Journal of Neural Transmission, 2017, 124, 25-32.	2.8	32
60	Subventricular zone involvement in Glioblastoma â€“ A proteomic evaluation and clinicoradiological correlation. Scientific Reports, 2017, 7, 1449.	3.3	33
61	Tissue Proteome Analysis of Different Grades of Human Gliomas Provides Major Cues for Glioma Pathogenesis. OMICS A Journal of Integrative Biology, 2017, 21, 275-284.	2.0	23
62	Real-time iTRAQ-based proteome profiling revealed the central metabolism involved in nitrogen starvation induced lipid accumulation in microalgae. Scientific Reports, 2017, 7, 45732.	3.3	59
63	Clinical Proteomics and Cytokine Profiling for Dengue Fever Disease Severity Biomarkers. OMICS A Journal of Integrative Biology, 2017, 21, 665-677.	2.0	25
64	Time for Multiple Extraction Methods in Proteomics? A Comparison of Three Protein Extraction Methods in the Eustigmatophyte AlgaMicrochloropsis gaditanaCCMP526. OMICS A Journal of Integrative Biology, 2017, 21, 678-683.	2.0	16
65	Serum Profiling for Identification of Autoantibody Signatures in Diseases Using Protein Microarrays. Methods in Molecular Biology, 2017, 1619, 303-315.	0.9	4
66	Quantitative Proteomics Analysis of Plasmodium vivax Induced Alterations in Human Serum during the Acute and Convalescent Phases of Infection. Scientific Reports, 2017, 7, 4400.	3.3	29
67	Proteomic level changes associated with S3I201 treated U87 glioma cells. Journal of Proteomics, 2017, 150, 341-350.	2.4	6
68	Evaluation of autoantibody signatures in meningioma patients using human proteome arrays. Oncotarget, 2017, 8, 58443-58456.	1.8	20
69	Proteomics ofPlasmodium vivaxmalaria: new insights, progress and potential. Expert Review of Proteomics, 2016, 13, 771-782.	3.0	12
70	An overview of innovations and industrial solutions in Protein Microarray Technology. Proteomics, 2016, 16, 1297-1308.	2.2	34
71	Protein arrays: promises and potential for the translational research. Proteomics, 2016, 16, 1191-1192.	2.2	1
72	Basics of Mass Spectrometry and Its Applications in Biomarker Discovery. , 2016, , 41-63.		0

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73	Protein microarray applications: Autoantibody detection and posttranslational modification. Proteomics, 2016, 16, 2557-2569.	2.2	36
74	Clinicopathological Analysis and Multipronged Quantitative Proteomics Reveal Oxidative Stress and Cytoskeletal Proteins as Possible Markers for Severe Vivax Malaria. Scientific Reports, 2016, 6, 24557.	3.3	31
75	Quantitative proteomic comparison of stationary/G0 phase cells and tetrads in budding yeast. Scientific Reports, 2016, 6, 32031.	3.3	17
76	Multi-omics Frontiers in Algal Research: Techniques and Progress to Explore Biofuels in the Postgenomics World. OMICS A Journal of Integrative Biology, 2016, 20, 387-399.	2.0	21
77	Global proteomic profiling identifies etoposide chemoresistance markers in non-small cell lung carcinoma. Journal of Proteomics, 2016, 138, 95-105.	2.4	28
78	Special Issue â€œProteomics in Indiaâ€: Gazing Forward while Reflecting on the Lessons Learned in Global Proteomics. Journal of Proteomics, 2015, 127, 1-2.	2.4	1
79	Autoantibody Profiling of Glioma Serum Samples to Identify Biomarkers Using Human Proteome Arrays. Scientific Reports, 2015, 5, 13895.	3.3	43
80	Comprehensive Analysis of Temporal Alterations in Cellular Proteome of Bacillus subtilis under Curcumin Treatment. PLoS ONE, 2015, 10, e0120620.	2.5	4
81	Proteomic analysis of Plasmodium falciparum induced alterations in humans from different endemic regions of India to decipher malaria pathogenesis and identify surrogate markers of severity. Journal of Proteomics, 2015, 127, 103-113.	2.4	21
82	Crowdfunding 2.0: the nextâ€generation philanthropy. EMBO Reports, 2015, 16, 267-271.	4.5	35
83	Oral cancer screening: serum Raman spectroscopic approach. Journal of Biomedical Optics, 2015, 20, 115006.	2.6	31
84	A comprehensive proteomic analysis of totarol induced alterations in Bacillus subtilis by multipronged quantitative proteomics. Journal of Proteomics, 2015, 114, 247-262.	2.4	26
85	Calibration-free concentration analysis of protein biomarkers in human serum using surface plasmon resonance. Talanta, 2015, 144, 801-808.	5.5	22
86	Proteomics research in India: An update. Journal of Proteomics, 2015, 127, 7-17.	2.4	3
87	An Appeal to the Global Health Community for a Tripartite Innovation: An â€œEssential Diagnostics List,â€• â€œHealth in All Policies,â€•and â€œSee-Through 21st Century Science and Ethicsâ€: OMICS A Journal of Integrative Biology, 2015, 19, 435-442.	2.0	14
88	Quantitative proteomic analysis of global effect of LLL12 on U87 cell's proteome: An insight into the molecular mechanism of LLL12. Journal of Proteomics, 2015, 113, 127-142.	2.4	20
89	A Simple Protein Extraction Method for Proteomic Analysis of Diverse Biological Specimens. Current Proteomics, 2014, 10, 298-311.	0.3	30
90	Fluorescence-guided surgery of malignant gliomas based on 5-aminolevulinic acid: paradigm shifts but not a panacea. Nature Reviews Cancer, 2014, 14, 146-146.	28.4	14

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91	Proteomic analysis of Streptomyces coelicolor in response to Ciprofloxacin challenge. Journal of Proteomics, 2014, 97, 222-234.	2.4	10
92	Differential expression of serum/plasma proteins in various infectious diseases: Specific or nonspecific signatures. Proteomics - Clinical Applications, 2014, 8, 53-72.	1.6	41
93	Comparative proteomics of mitosis and meiosis in Saccharomyces cerevisiae. Journal of Proteomics, 2014, 109, 1-15.	2.4	12
94	Challenges and prospects for biomarker research: A current perspective from the developing world. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2014, 1844, 899-908.	2.3	43
95	Quantitative Proteomic Analysis of Meningiomas for the Identification of Surrogate Protein Markers. Scientific Reports, 2014, 4, 7140.	3.3	61
96	Editorial (Taking the Kidney Personally: The Quest for Novel Antigens of Idiopathic Membranous) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 5 Personalized Medicine, 2013, 11, 5-7.	0.2	0
97	Investigation of serum proteome alterations in human glioblastoma multiforme. Proteomics, 2012, 12, 2378-2390.	2.2	55
98	Serum proteome analysis of vivax malaria: An insight into the disease pathogenesis and host immune response. Journal of Proteomics, 2012, 75, 3063-3080.	2.4	50
99	Proteomic Investigation of Falciparum and Vivax Malaria for Identification of Surrogate Protein Markers. PLoS ONE, 2012, 7, e41751.	2.5	50