

Shortlisting SARS-CoV-2 Peptides for Targeted Study Acquisition Tandem Mass Spectrometry Data

Proteomics

20, e2000107

DOI: [10.1002/pmic.202000107](https://doi.org/10.1002/pmic.202000107)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Detection, Mapping, and Proteotyping of SARS-CoV-2 Coronavirus with High Resolution Mass Spectrometry. <i>ACS Infectious Diseases</i> , 2020, 6, 3269-3276.	1.8	34
2	A comprehensive overview of proteomics approach for COVID 19: new perspectives in target therapy strategies. <i>Journal of Proteins and Proteomics</i> , 2020, 11, 223-232.	1.0	14
3	Proteotyping SARS-CoV-2 Virus from Nasopharyngeal Swabs: A Proof-of-Concept Focused on a 3 Min Mass Spectrometry Window. <i>Journal of Proteome Research</i> , 2020, 19, 4407-4416.	1.8	90
4	Perspective on Proteomics for Virus Detection in Clinical Samples. <i>Journal of Proteome Research</i> , 2020, 19, 4380-4388.	1.8	30
5	Development of a Parallel Reaction Monitoring Mass Spectrometry Assay for the Detection of SARS-CoV-2 Spike Glycoprotein and Nucleoprotein. <i>Analytical Chemistry</i> , 2020, 92, 13813-13821.	3.2	47
6	The proteomics contribution to the counter-bioterrorism toolbox in the post-COVID-19 era. <i>Expert Review of Proteomics</i> , 2020, 17, 507-511.	1.3	5
7	A rapid and sensitive method to detect SARS-CoV-2 virus using targeted-mass spectrometry. <i>Journal of Proteins and Proteomics</i> , 2020, 11, 159-165.	1.0	45
8	Shortlisting SARS-CoV-2 Peptides for Targeted Studies from Experimental Data-Dependent Acquisition Tandem Mass Spectrometry Data. <i>Proteomics</i> , 2020, 20, e2000107.	1.3	64
9	Shotgun proteomics analysis of SARS-CoV-2-infected cells and how it can optimize whole viral particle antigen production for vaccines. <i>Emerging Microbes and Infections</i> , 2020, 9, 1712-1721.	3.0	62
10	SARS-CoV-2-mediated immune system activation and potential application in immunotherapy. <i>Medicinal Research Reviews</i> , 2021, 41, 1167-1194.	5.0	37
11	Proteomics in the COVID-19 Battlefield: First Semester Check-Up. <i>Proteomics</i> , 2021, 21, 2000198.	1.3	18
12	Specific and Rapid SARS-CoV-2 Identification Based on LC-MS/MS Analysis. <i>ACS Omega</i> , 2021, 6, 3525-3534.	1.6	16
13	A concise discussion on the potential spectral tools for the rapid COVID-19 detection. <i>Results in Chemistry</i> , 2021, 3, 100138.	0.9	3
14	An overview of proteomic methods for the study of "cytokine storms". <i>Expert Review of Proteomics</i> , 2021, 18, 83-91.	1.3	3
16	Open Science Resources for the Mass Spectrometry-Based Analysis of SARS-CoV-2. <i>Journal of Proteome Research</i> , 2021, 20, 1464-1475.	1.8	11
17	A SARS-CoV-2 Peptide Spectral Library Enables Rapid, Sensitive Identification of Virus Peptides in Complex Biological Samples. <i>Journal of Proteome Research</i> , 2021, 20, 2187-2194.	1.8	5
18	Application of spectral library prediction for parallel reaction monitoring of viral peptides. <i>Proteomics</i> , 2021, 21, 2000226.	1.3	3
19	Resourcing, annotating, and analysing synthetic peptides of SARS-CoV-2 for immunopeptidomics and other immunological studies. <i>Proteomics</i> , 2021, 21, e2100036.	1.3	7

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20	Heterogeneity of SARS-CoV-2 virus produced in cell culture revealed by shotgun proteomics and supported by genome sequencing. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 7265-7275.	1.9	7
22	Mass spectrometry-based proteomic platforms for better understanding of SARS-CoV-2 induced pathogenesis and potential diagnostic approaches. <i>Proteomics</i> , 2021, 21, e2000279.	1.3	19
23	A rigorous evaluation of optimal peptide targets for MS-based clinical diagnostics of Coronavirus Disease 2019 (COVID-19). <i>Clinical Proteomics</i> , 2021, 18, 15.	1.1	7
24	Cov-MS: A Community-Based Template Assay for Mass-Spectrometry-Based Protein Detection in SARS-CoV-2 Patients. <i>Jacs Au</i> , 2021, 1, 750-765.	3.6	29
26	Unleashing immuno-mass spectrometry superpowers to detect SARS-CoV-2. <i>EBioMedicine</i> , 2021, 69, 103480.	2.7	2
27	Toxin-like peptides in plasma, urine and faecal samples from COVID-19 patients. <i>F1000Research</i> , 2021, 10, 550.	0.8	16
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29	A rapid and reliable liquid chromatography/mass spectrometry method for SARS-CoV-2 analysis from gargle solutions and saliva. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 6503-6511.	1.9	14
30	Mass spectrometry-based proteomics in basic and translational research of SARS-CoV-2 coronavirus and its emerging mutants. <i>Clinical Proteomics</i> , 2021, 18, 19.	1.1	12
31	Identification of Unique Peptides for SARS-CoV-2 Diagnostics and Vaccine Development by an In Silico Proteomics Approach. <i>Frontiers in Immunology</i> , 2021, 12, 725240.	2.2	12
32	Mass spectrometry analytical responses to the SARS-CoV2 coronavirus in review. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 142, 116328.	5.8	31
33	Progress in understanding COVID-19: insights from the omics approach. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2021, 58, 242-252.	2.7	13
38	Toxin-like peptides in plasma, urine and faecal samples from COVID-19 patients. <i>F1000Research</i> , 0, 10, 550.	0.8	3
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43	Review of Liquid Chromatography-Mass Spectrometry-Based Proteomic Analyses of Body Fluids to Diagnose Infectious Diseases. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2187.	1.8	6
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46	SARS-CoV-2 spike antigen quantification by targeted mass spectrometry of a virus-based vaccine. Journal of Virological Methods, 2022, 303, 114498.	1.0	2
48	Mass Spectrometry Approaches for SARS-CoV-2 Detection: Harnessing for Application in Food and Environmental Samples. Viruses, 2022, 14, 872.	1.5	3
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59	Mechanisms, Techniques and Devices of Airborne Virus Detection: A Review. International Journal of Environmental Research and Public Health, 2023, 20, 5471.	1.2	2
64	Applications of Mass Spectrometry in the Characterization, Screening, Diagnosis, and Prognosis of COVID-19. Advances in Experimental Medicine and Biology, 2024, , 33-61.	0.8	0