

Insights into virus capsid assembly from non-covalen

Mass Spectrometry Reviews

27, 575-595

DOI: [10.1002/mas.20176](https://doi.org/10.1002/mas.20176)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Mass spectrometry of large complexes. <i>Current Opinion in Structural Biology</i> , 2009, 19, 632-639.	2.6	36
2	Mass spectrometry analysis of the influenza virus. <i>Mass Spectrometry Reviews</i> , 2009, 28, 35-49.	2.8	27
4	Construction of Bacteriophage Phi29 DNA Packaging Motor and its Applications in Nanotechnology and Therapy. <i>Annals of Biomedical Engineering</i> , 2009, 37, 2064-2081.	1.3	43
5	Electrosprayâ€ionization mass spectrometry as a tool for fast screening of protein structural properties. <i>Biotechnology Journal</i> , 2009, 4, 73-87.	1.8	28
6	T-wave Ion Mobility-mass Spectrometry: Basic Experimental Procedures for Protein Complex Analysis. <i>Journal of Visualized Experiments</i> , 2010, , .	0.2	37
7	How far can we go with structural mass spectrometry of protein complexes?. <i>Journal of the American Society for Mass Spectrometry</i> , 2010, 21, 487-500.	1.2	79
8	Analyzing Large Protein Complexes by Structural Mass Spectrometry. <i>Journal of Visualized Experiments</i> , 2010, , .	0.2	38
9	Native MS: an â€™ESIâ€ way to support structure- and fragment-based drug discovery. <i>Future Medicinal Chemistry</i> , 2010, 2, 35-50.	1.1	82
10	VERSATILE DNA-PACKAGING NANOMOTOR OF BACTERIOPHAGE phi29 WITH APPLICATIONS IN NANOBIO TECHNOLOGY. <i>Nano LIFE</i> , 2010, 01, 45-62.	0.6	2
11	Norwalk Virus Assembly and Stability Monitored by Mass Spectrometry. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 1742-1751.	2.5	118
12	Determinants of Gas-Phase Disassembly Behavior in Homodimeric Protein Complexes with Related Yet Divergent Structures. <i>Analytical Chemistry</i> , 2011, 83, 3881-3889.	3.2	25
13	Probing the viral metallome: searching for metalloproteins in bacteriophage Î»â€ the hunt begins. <i>Metallomics</i> , 2011, 3, 472.	1.0	6
14	Interrogating viral capsid assembly with ion mobilityâ€mass spectrometry. <i>Nature Chemistry</i> , 2011, 3, 126-132.	6.6	234
15	MS analysis of nucleic acids in the post-genomic era. <i>Analytical Chemistry</i> , 2011, 83, 5810-5816.	3.2	15
17	Modern Biomolecular Mass Spectrometry and its Role in Studying Virus Structure, Dynamics, and Assembly. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 8248-8262.	7.2	77
18	Ion mobilityâ€mass spectrometry for structural proteomics. <i>Expert Review of Proteomics</i> , 2012, 9, 47-58.	1.3	150
19	Chemical Reactivity of Brome Mosaic Virus Capsid Protein. <i>Journal of Molecular Biology</i> , 2012, 423, 79-95.	2.0	18
20	Ion Mobility Mass Spectrometry Coupled with Rapid Protein Threading Predictor Structure Prediction and Collision-Induced Dissociation for Probing Chemokine Conformation and Stability. <i>Analytical Chemistry</i> , 2012, 84, 3208-3214.	3.2	9

#	ARTICLE	IF	CITATIONS
21	Native ion mobility-mass spectrometry and related methods in structural biology. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2013, 1834, 1239-1256.	1.1	201
22	Assembly, stability and dynamics of virus capsids. <i>Archives of Biochemistry and Biophysics</i> , 2013, 531, 65-79.	1.4	211
23	Probing the biophysical interplay between a viral genome and its capsid. <i>Nature Chemistry</i> , 2013, 5, 502-509.	6.6	117
24	A new paradigm for the roles of the genome in ssRNA viruses. <i>Future Virology</i> , 2013, 8, 531-543.	0.9	18
25	Fluorescence, Circular Dichroism and Mass Spectrometry as Tools to Study Virus Structure. <i>Sub-Cellular Biochemistry</i> , 2013, 68, 177-202.	1.0	7
26	Pathogen-inspired drug delivery to the central nervous system. <i>Tissue Barriers</i> , 2014, 2, e944449.	1.6	18
27	Architecture and Assembly of Virus Particles. , 2014, , 69-143.		6
28	Investigation of noncovalent interactions between hydroxylated polybrominated diphenyl ethers and bovine serum albumin using electrospray ionization-ion mobility-mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2014, 357, 34-44.	0.7	6
29	Detection of Late Intermediates in Virus Capsid Assembly by Charge Detection Mass Spectrometry. <i>Journal of the American Chemical Society</i> , 2014, 136, 3536-3541.	6.6	118
30	Structural investigation of the cold-adapted acylaminoacyl peptidase from <i>Sporosarcina psychrophila</i> by atomistic simulations and biophysical methods. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014, 1844, 2203-2213.	1.1	25
31	ETD Allows for Native Surface Mapping of a 150 kDa Noncovalent Complex on a Commercial Q-TWIMS-TOF Instrument. <i>Journal of the American Society for Mass Spectrometry</i> , 2014, 25, 343-350.	1.2	78
32	Electron capture dissociation and drift tube ion mobility-mass spectrometry coupled with site directed mutations provide insights into the conformational diversity of a metamorphic protein. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 10538-10550.	1.3	13
33	Revealing Higher Order Protein Structure Using Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2016, 27, 952-965.	1.2	51
34	Imaging and Quantitation of a Succession of Transient Intermediates Reveal the Reversible Self-Assembly Pathway of a Simple Icosahedral Virus Capsid. <i>Journal of the American Chemical Society</i> , 2016, 138, 15385-15396.	6.6	38
35	Hepatitis B Virus Capsid Completion Occurs through Error Correction. <i>Journal of the American Chemical Society</i> , 2017, 139, 16932-16938.	6.6	71
36	Are Charge-State Distributions a Reliable Tool Describing Molecular Ensembles of Intrinsically Disordered Proteins by Native MS?. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 21-28.	1.2	39
37	Mass spectrometry-based studies of virus assembly. <i>Current Opinion in Virology</i> , 2019, 36, 17-24.	2.6	16
38	Packaging of Genomic RNA in Positive-Sense Single-Stranded RNA Viruses: A Complex Story. <i>Viruses</i> , 2019, 11, 253.	1.5	38

#	ARTICLE	IF	CITATIONS
39	Top-Down and Bottom-Up Proteomics Methods to Study RNA Virus Biology. <i>Viruses</i> , 2021, 13, 668.	1.5	4
40	Subset of Fluorophores Is Responsible for Radiation Brightening in Viromimetic Particles. <i>Journal of Physical Chemistry B</i> , 2021, 125, 10494-10505.	1.2	5
42	Applications of Traveling Wave Ion Mobility-Mass Spectrometry. , 2009, , 205-236.		3
43	Stability and Conformational Memory of Electrosprayed and Rehydrated Bacteriophage Ms2 Virus Coat Proteins. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
44	Native topâ€down mass spectrometry for higherâ€order structural characterization of proteins and complexes. <i>Mass Spectrometry Reviews</i> , 2023, 42, 1876-1926.	2.8	19
45	Stability and conformational memory of electrosprayed and rehydrated bacteriophage MS2 virus coat proteins. <i>Current Research in Structural Biology</i> , 2022, 4, 338-348.	1.1	4
46	Application of functional proteomics in understanding RNA virus-mediated infection. <i>Advances in Protein Chemistry and Structural Biology</i> , 2023, , .	1.0	0