

Insights into virus capsid assembly from non-covalen

Mass Spectrometry Reviews

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Mass spectrometry of large complexes. Current Opinion in Structural Biology, 2009, 19, 632-639.	5.7	36
2	Mass spectrometry analysis of the influenza virus. Mass Spectrometry Reviews, 2009, 28, 35-49.	5.4	27
4	Construction of Bacteriophage Phi29 DNA Packaging Motor and its Applications in Nanotechnology and Therapy. Annals of Biomedical Engineering, 2009, 37, 2064-2081.	2.5	43
5	Electrospray-ionization mass spectrometry as a tool for fast screening of protein structural properties. Biotechnology Journal, 2009, 4, 73-87.	3.5	28
6	T-wave Ion Mobility-mass Spectrometry: Basic Experimental Procedures for Protein Complex Analysis. Journal of Visualized Experiments, 2010, , .	0.3	37
7	How far can we go with structural mass spectrometry of protein complexes?. Journal of the American Society for Mass Spectrometry, 2010, 21, 487-500.	2.8	79
8	Analyzing Large Protein Complexes by Structural Mass Spectrometry. Journal of Visualized Experiments, 2010, , .	0.3	38
9	Native MS: an "ESI" way to support structure- and fragment-based drug discovery. Future Medicinal Chemistry, 2010, 2, 35-50.	2.3	82
10	VERSATILE DNA-PACKAGING NANOMOTOR OF BACTERIOPHAGE phi29 WITH APPLICATIONS IN NANOBIO TECHNOLOGY. Nano LIFE, 2010, 01, 45-62.	0.9	2
11	Norwalk Virus Assembly and Stability Monitored by Mass Spectrometry. Molecular and Cellular Proteomics, 2010, 9, 1742-1751.	3.8	118
12	Determinants of Gas-Phase Disassembly Behavior in Homodimeric Protein Complexes with Related Yet Divergent Structures. Analytical Chemistry, 2011, 83, 3881-3889.	6.5	25
13	Probing the viral metallome: searching for metalloproteins in bacteriophage " the hunt begins. Metallomics, 2011, 3, 472.	2.4	6
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15	MS analysis of nucleic acids in the post-genomic era. Analytical Chemistry, 2011, 83, 5810-5816.	6.5	15
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18	Ion mobility"mass spectrometry for structural proteomics. Expert Review of Proteomics, 2012, 9, 47-58.	3.0	150
19	Chemical Reactivity of Brome Mosaic Virus Capsid Protein. Journal of Molecular Biology, 2012, 423, 79-95.	4.2	18
20	Ion Mobility Mass Spectrometry Coupled with Rapid Protein Threading Predictor Structure Prediction and Collision-Induced Dissociation for Probing Chemokine Conformation and Stability. Analytical Chemistry, 2012, 84, 3208-3214.	6.5	9

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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.	2.3	201
22	Assembly, stability and dynamics of virus capsids. <i>Archives of Biochemistry and Biophysics</i> , 2013, 531, 65-79.	3.0	211
23	Probing the biophysical interplay between a viral genome and its capsid. <i>Nature Chemistry</i> , 2013, 5, 502-509.	13.6	117
24	A new paradigm for the roles of the genome in ssRNA viruses. <i>Future Virology</i> , 2013, 8, 531-543.	1.8	18
25	Fluorescence, Circular Dichroism and Mass Spectrometry as Tools to Study Virus Structure. <i>Sub-Cellular Biochemistry</i> , 2013, 68, 177-202.	2.4	7
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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.	1.5	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.	13.7	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.	2.3	25
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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.	2.8	13
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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.	13.7	38
35	Hepatitis B Virus Capsid Completion Occurs through Error Correction. <i>Journal of the American Chemical Society</i> , 2017, 139, 16932-16938.	13.7	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.	2.8	39
37	Mass spectrometry-based studies of virus assembly. <i>Current Opinion in Virology</i> , 2019, 36, 17-24.	5.4	16
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43	Stability and Conformational Memory of Electrosprayed and Rehydrated Bacteriophage Ms2 Virus Coat Proteins. SSRN Electronic Journal, 0, , .	0.4	0
44	Native topâ€wdown mass spectrometry for higherâ€worder structural characterization of proteins and complexes. Mass Spectrometry Reviews, 2023, 42, 1876-1926.	5.4	19
45	Stability and conformational memory of electrosprayed and rehydrated bacteriophage MS2 virus coat proteins. Current Research in Structural Biology, 2022, 4, 338-348.	2.2	4
46	Application of functional proteomics in understanding RNA virus-mediated infection. Advances in Protein Chemistry and Structural Biology, 2023, , .	2.3	0
47	Viral nanoparticles: Current advances in design and development. Biochimie, 2024, 219, 33-50.	2.6	2