

Massimiliano Porrini

List of Publications by Year in descending order

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16
papers

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840776

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docs citations

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785
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamics of Intact Immunoglobulinâ€¦G Explored by Driftâ€¦Tube Ionâ€¦Mobility Mass Spectrometry and Molecular Modeling. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7765-7769.	13.8	89
2	Compaction of Duplex Nucleic Acids upon Native Electrospray Mass Spectrometry. <i>ACS Central Science</i> , 2017, 3, 454-461.	11.3	81
3	Linking molecular models with ion mobility experiments. Illustration with a rigid nucleic acid structure. <i>Journal of Mass Spectrometry</i> , 2015, 50, 711-726.	1.6	69
4	Small-Molecule Inhibition of c-MYC:MAX Leucine Zipper Formation Is Revealed by Ion Mobility Mass Spectrometry. <i>Journal of the American Chemical Society</i> , 2012, 134, 19384-19392.	13.7	53
5	Probing the Conformational Diversity of Cancerâ€¦Associated Mutations in p53 with Ionâ€¦Mobility Mass Spectrometry. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4370-4374.	13.8	41
6	Intrinsic disorder in proteins: a challenge for (un)structural biology met by ion mobilityâ€¦mass spectrometry. <i>Biochemical Society Transactions</i> , 2012, 40, 1021-1026.	3.4	36
7	Dissecting the Dynamic Conformations of the Metamorphic Protein Lymphtactin. <i>Journal of Physical Chemistry B</i> , 2014, 118, 12348-12359.	2.6	32
8	Metal binding to a zinc-finger peptide: a comparison between solution and the gas phase. <i>Chemical Communications</i> , 2011, 47, 412-414.	4.1	26
9	Hybrid Mass Spectrometry Approaches to Determine How L-Histidine Feedback Regulates the Enzyme MtATP-Phosphoribosyltransferase. <i>Structure</i> , 2017, 25, 730-738.e4.	3.3	22
10	Early stages of insulin fibrillogenesis examined with ion mobility mass spectrometry and molecular modelling. <i>Analyst, The</i> , 2015, 140, 7000-7011.	3.5	19
11	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
12	Effect of Protonation State on the Stability of Amyloid Oligomers Assembled from TTR(105â€¦115). <i>Journal of Physical Chemistry Letters</i> , 2013, 4, 1233-1238.	4.6	12
13	The use of ion mobility mass spectrometry to assist protein design: a case study on zinc finger fold versus coiled coil interactions. <i>Analyst, The</i> , 2015, 140, 2847-2856.	3.5	11
14	Heme Cavity Dynamics of Photodissociated CO from ba3-Cytochrome c Oxidase: The Role of Ring-D Propionate. <i>Journal of Physical Chemistry B</i> , 2009, 113, 12129-12135.	2.6	7
15	Exploring the topography of free energy surfaces and kinetics of cytochrome c oxidases interacting with small ligands. <i>RSC Advances</i> , 2012, 2, 5828.	3.6	6
16	Compaction of RNA Hairpins and Their Kissing Complexes in Native Electrospray Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 2035-2043.	2.8	4