

Kamila J Pacholarz

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

578
citations

759233

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940533

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17
all docs

17
docs citations

17
times ranked

808
citing authors

#	ARTICLE	IF	CITATIONS
1	Mass spectrometry based tools to investigate protein–ligand interactions for drug discovery. <i>Chemical Society Reviews</i> , 2012, 41, 4335.	38.1	125
2	A Mass-Spectrometry-Based Framework To Define the Extent of Disorder in Proteins. <i>Analytical Chemistry</i> , 2014, 86, 10979-10991.	6.5	91
3	Dynamics of Intact Immunoglobulin G Explored by Drift Tube Ion Mobility Mass Spectrometry and Molecular Modeling. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7765-7769.	13.8	89
4	Use of a charge reducing agent to enable intact mass analysis of cysteine-linked antibody-drug-conjugates by native mass spectrometry. <i>EuPA Open Proteomics</i> , 2016, 11, 23-27.	2.5	38
5	Distinguishing Loss of Structure from Subunit Dissociation for Protein Complexes with Variable Temperature Ion Mobility Mass Spectrometry. <i>Analytical Chemistry</i> , 2015, 87, 6271-6279.	6.5	35
6	Structure-functional changes in eNAMPT at high concentrations mediate mouse and human beta cell dysfunction in type 2 diabetes. <i>Diabetologia</i> , 2020, 63, 313-323.	6.3	34
7	Insights into the Conformations of Three Structurally Diverse Proteins: Cytochrome <i>c</i> , p53, and MDM2, Provided by Variable-Temperature Ion Mobility Mass Spectrometry. <i>Analytical Chemistry</i> , 2015, 87, 3231-3238.	6.5	33
8	Molecular Insights into the Thermal Stability of mAbs with Variable Temperature Ion Mobility Mass Spectrometry. <i>ChemBioChem</i> , 2016, 17, 46-51.	2.6	25
9	Hybrid mass spectrometry methods reveal lot-to-lot differences and delineate the effects of glycosylation on the tertiary structure of Herceptin®. <i>Chemical Science</i> , 2019, 10, 2811-2820.	7.4	24
10	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
11	Uncoupling conformational states from activity in an allosteric enzyme. <i>Nature Communications</i> , 2017, 8, 203.	12.8	19
12	Charge Mediated Compaction and Rearrangement of Gas-Phase Proteins: A Case Study Considering Two Proteins at Opposing Ends of the Structure-Disorder Continuum. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 1450-1461.	2.8	16
13	MhuD from <i>Mycobacterium tuberculosis</i> : Probing a Dual Role in Heme Storage and Degradation. <i>ACS Infectious Diseases</i> , 2019, 5, 1855-1866.	3.8	8
14	Characterization of the structure and interactions of P450 BM3 using hybrid mass spectrometry approaches. <i>Journal of Biological Chemistry</i> , 2020, 295, 7595-7607.	3.4	7
15	Biochemical characterisation of class III biotin protein ligases from <i>Botrytis cinerea</i> and <i>Zymoseptoria tritici</i> . <i>Archives of Biochemistry and Biophysics</i> , 2020, 691, 108509.	3.0	1