

# Jiang Zhang

## List of Publications by Year in descending order

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19  
papers

962  
citations

623734

14  
h-index

794594

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1581  
citing authors

#	ARTICLE	IF	CITATIONS
1	Conserved SMP domains of the ERMES complex bind phospholipids and mediate tether assembly. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E3179-88.	7.1	174
2	Top-Down Quantitative Proteomics Identified Phosphorylation of Cardiac Troponin I as a Candidate Biomarker for Chronic Heart Failure. Journal of Proteome Research, 2011, 10, 4054-4065.	3.7	166
3	Comparison of Two-Dimensional Fractionation Techniques for Shotgun Proteomics. Analytical Chemistry, 2008, 80, 6715-6723.	6.5	114
4	Augmented Phosphorylation of Cardiac Troponin I in Hypertensive Heart Failure*. Journal of Biological Chemistry, 2012, 287, 848-857.	3.4	88
5	<i>In Vivo</i> Phosphorylation Site Mapping in Mouse Cardiac Troponin I by High Resolution Top-Down Electron Capture Dissociation Mass Spectrometry: Ser22/23 Are the Only Sites Basally Phosphorylated. Biochemistry, 2009, 48, 8161-8170.	2.5	82
6	Deciphering modifications in swine cardiac troponin I by top-down high-resolution tandem mass spectrometry. Journal of the American Society for Mass Spectrometry, 2010, 21, 940-948.	2.8	59
7	Staphylococcus aureus Uses a Novel Multidomain Receptor to Break Apart Human Hemoglobin and Steal Its Heme. Journal of Biological Chemistry, 2013, 288, 1065-1078.	3.4	49
8	Native Top-down Mass Spectrometry for the Structural Characterization of Human Hemoglobin. European Journal of Mass Spectrometry, 2015, 21, 221-231.	1.0	37
9	Phosphorylation, but Not Alternative Splicing or Proteolytic Degradation, Is Conserved in Human and Mouse Cardiac Troponin T. Biochemistry, 2011, 50, 6081-6092.	2.5	34
10	Increasing fragmentation of disulfide-bonded proteins for top-down mass spectrometry by supercharging. International Journal of Mass Spectrometry, 2015, 377, 546-556.	1.5	27
11	Puerarin-loaded PEG-PE micelles with enhanced anti-apoptotic effect and better pharmacokinetic profile. Drug Delivery, 2018, 25, 827-837.	5.7	27
12	Structural Characterization of a Thrombin-Aptamer Complex by High Resolution Native Top-Down Mass Spectrometry. Journal of the American Society for Mass Spectrometry, 2017, 28, 1815-1822.	2.8	24
13	Characterization of the adult zebrafish cardiac proteome using online pH gradient strong cation exchange-RP 2D LC coupled with ESI MS/MS. Journal of Separation Science, 2010, 33, 1462-1471.	2.5	20
14	The impact of antibody selection on the detection of cardiac troponin I. Clinica Chimica Acta, 2013, 420, 82-88.	1.1	18
15	Statistically Enhanced Spectral Counting Approach to TCDD Cardiac Toxicity in the Adult Zebrafish Heart. Journal of Proteome Research, 2013, 12, 3093-3103.	3.7	11
16	Integrating Native Mass Spectrometry and Top-Down MS for Defining Protein Interactions Important in Biology and Medicine. Mass Spectrometry, 2013, 2, S0013-S0013.	0.6	11
17	Hydrothermal Synthesis of Iodine-Doped Nanoplates with Enhanced Visible and Ultraviolet-Induced Photocatalytic Activities. International Journal of Photoenergy, 2012, 2012, 1-12.	2.5	10
18	Characterization of Zebrafish Cardiac Proteome Using Online pH Gradient SCX-RP HPLC-MS/MS Platform. Methods in Molecular Biology, 2013, 1005, 119-127.	0.9	6

#	ARTICLE	IF	CITATIONS
19	Expression and Characterization of Human Fragile X Mental Retardation Protein Isoforms and Interacting Proteins in Human Cells. <i>Proteomics Insights</i> , 2019, 10, 117864181882526.	2.0	5