

# Xiaolu Zhao

## List of Publications by Year in descending order

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23  
papers

1,223  
citations

567281

15  
h-index

642732

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g-index

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all docs

23  
docs citations

23  
times ranked

2433  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cholesterylation of Smoothed is a calcium-accelerated autoreaction involving an intramolecular ester intermediate. <i>Cell Research</i> , 2022, 32, 288-301.	12.0	18
2	Enterovirus 71 3C proteolytically processes the histone H3 N-terminal tail during infection. <i>Virologica Sinica</i> , 2022, 37, 314-317.	3.0	1
3	POST1/C12ORF49 regulates the SREBP pathway by promoting site-1 protease maturation. <i>Protein and Cell</i> , 2021, 12, 279-296.	11.0	31
4	Feeding induces cholesterol biosynthesis via the mTORC1-USP20-HMGCR axis. <i>Nature</i> , 2020, 588, 479-484.	27.8	125
5	Identification of Hydroxyproline-Containing Proteins and Hydroxylation of Proline Residues in Rice. <i>Frontiers in Plant Science</i> , 2020, 11, 1207.	3.6	3
6	Determination of RNA Hydroxymethylation in Mammals by Mass Spectrometry Analysis. <i>Analytical Chemistry</i> , 2019, 91, 10477-10483.	6.5	29
7	Thermostable potassium channel-inhibiting neurotoxins in processed scorpion medicinal material revealed by proteomic analysis: Implications of its pharmaceutical basis in traditional Chinese medicine. <i>Journal of Proteomics</i> , 2019, 206, 103435.	2.4	10
8	P200 family protein IFI204 negatively regulates type I interferon responses by targeting IRF7 in nucleus. <i>PLoS Pathogens</i> , 2019, 15, e1008079.	4.7	23
9	Proteomics Profiling of Host Cell Response via Protein Expression and Phosphorylation upon Dengue Virus Infection. <i>Virologica Sinica</i> , 2019, 34, 549-562.	3.0	23
10	A methylation-phosphorylation switch determines Plk1 kinase activity and function in DNA damage repair. <i>Science Advances</i> , 2019, 5, eaau7566.	10.3	52
11	Isotopic Labeling and Quantitative Proteomics of Acetylation on Histones and Beyond. <i>Methods in Molecular Biology</i> , 2019, 1977, 43-70.	0.9	12
12	Quantitative Proteomics Identified TTC4 as a TBK1 Interactor and a Positive Regulator of SeV-induced Innate Immunity. <i>Proteomics</i> , 2018, 18, 1700403.	2.2	15
13	Assessment of Quantification Precision of Histone Post-Translational Modifications by Using an Ion Trap and down To 50,000 Cells as Starting Material. <i>Journal of Proteome Research</i> , 2018, 17, 234-242.	3.7	10
14	Gcn5-mediated Rph1 acetylation regulates its autophagic degradation under DNA damage stress. <i>Nucleic Acids Research</i> , 2017, 45, 5183-5197.	14.5	27
15	Abnormal levels of histone methylation in the retinas of diabetic rats are reversed by minocycline treatment. <i>Scientific Reports</i> , 2017, 7, 45103.	3.3	18
16	Proteome-wide acetylation dynamics in human cells. <i>Scientific Reports</i> , 2017, 7, 10296.	3.3	42
17	The tumor suppressor PTEN has a critical role in antiviral innate immunity. <i>Nature Immunology</i> , 2016, 17, 241-249.	14.5	138
18	Human Enterovirus Nonstructural Protein 2CATPase Functions as Both an RNA Helicase and ATP-Independent RNA Chaperone. <i>PLoS Pathogens</i> , 2015, 11, e1005067.	4.7	68

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19	Comparative Proteomic Analysis of Histone Post-translational Modifications upon Ischemia/Reperfusion-Induced Retinal Injury. <i>Journal of Proteome Research</i> , 2014, 13, 2175-2186.	3.7	16
20	Insulin Increases Phosphorylation of Mitochondrial Proteins in Human Skeletal Muscle <i>in Vivo</i> . <i>Journal of Proteome Research</i> , 2014, 13, 2359-2369.	3.7	22
21	Quantitative proteomics reveals olfactory input-dependent alterations in the mouse olfactory bulb proteome. <i>Journal of Proteomics</i> , 2014, 109, 125-142.	2.4	10
22	MicroRNA Directly Enhances Mitochondrial Translation during Muscle Differentiation. <i>Cell</i> , 2014, 158, 607-619.	28.9	385
23	Phosphoproteome Analysis of Functional Mitochondria Isolated from Resting Human Muscle Reveals Extensive Phosphorylation of Inner Membrane Protein Complexes and Enzymes. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M110.000299.	3.8	145