

# Guijin Zhai

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

395  
citations

1040056

9  
h-index

794594

19  
g-index

23  
all docs

23  
docs citations

23  
times ranked

608  
citing authors

#	ARTICLE	IF	CITATIONS
1	TmcA functions as a lysine 2-hydroxyisobutyryltransferase to regulate transcription. <i>Nature Chemical Biology</i> , 2022, 18, 142-151.	8.0	8
2	Serum phosphopeptide profiling for colorectal cancer diagnosis using liquid chromatography-mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2022, 36, e9316.	1.5	0
3	Systematic Proteome and Lysine Succinylome Analysis Reveals Enhanced Cell Migration by Hyposuccinylation in Esophageal Squamous Cell Carcinoma. <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100053.	3.8	28
4	Identification of Abnormal Proteins in Plasma from Gout Patients by LC-MS/MS. <i>Separations</i> , 2021, 8, 85.	2.4	3
5	DNA-guided photoactivatable probe-based chemical proteomics reveals the reader protein of mRNA methylation. <i>IScience</i> , 2021, 24, 103046.	4.1	3
6	Identification of dual histone modification-binding protein interaction by combining mass spectrometry and isothermal titration calorimetric analysis. <i>Journal of Advanced Research</i> , 2020, 22, 35-46.	9.5	10
7	An Integrated Approach for Combinatorial Readout of Dual Histone Modifications by Epigenetic Tandem Domains. <i>Analytical Chemistry</i> , 2020, 92, 6218-6223.	6.5	3
8	Protein lysine de-2-hydroxyisobutyrylation by CobB in prokaryotes. <i>Science Advances</i> , 2019, 5, eaaw6703.	10.3	51
9	Combinatorial Peptide Ligand Library-Based Photoaffinity Probe for the Identification of Phosphotyrosine-Binding Domain Proteins. <i>Analytical Chemistry</i> , 2019, 91, 3221-3226.	6.5	4
10	An Integrated Approach Based on a DNA Self-Assembly Technique for Characterization of Crosstalk among Combinatorial Histone Modifications. <i>Analytical Chemistry</i> , 2018, 90, 3692-3696.	6.5	12
11	Systematic Identification of Lysine 2-hydroxyisobutyrylated Proteins in <i>Proteus mirabilis</i> . <i>Molecular and Cellular Proteomics</i> , 2018, 17, 482-494.	3.8	43
12	Yes-Associated Protein Promotes Angiogenesis via Signal Transducer and Activator of Transcription 3 in Endothelial Cells. <i>Circulation Research</i> , 2018, 122, 591-605.	4.5	98
13	An Efficient Approach for Selective Enrichment of Histone Modification Readers Using Self-Assembled Multivalent Photoaffinity Peptide Probes. <i>Analytical Chemistry</i> , 2018, 90, 11385-11392.	6.5	12
14	DNA-Templated Aptamer Probe for Identification of Target Proteins. <i>Analytical Chemistry</i> , 2017, 89, 4071-4076.	6.5	22
15	Probing the Binding Interfaces of Histone-Aptamer by Photo Cross-Linking Mass Spectrometry. <i>ACS Chemical Biology</i> , 2017, 12, 57-62.	3.4	6
16	Maleic Anhydride Labeling-Based Approach for Quantitative Proteomics and Successive Derivatization of Peptides. <i>Analytical Chemistry</i> , 2017, 89, 8259-8265.	6.5	9
17	Evaluation of serum phosphopeptides as potential biomarkers of gastric cancer. <i>RSC Advances</i> , 2017, 7, 21630-21637.	3.6	9
18	Development of a DNA-Templated Peptide Probe for Photoaffinity Labeling and Enrichment of the Histone Modification Reader Proteins. <i>Angewandte Chemie</i> , 2016, 128, 8125-8129.	2.0	8

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19	The Unexpected and Exceptionally Facile Chemical Modification of the Phenolic Hydroxyl Group of Tyrosine by Polyhalogenated Quinones under Physiological Conditions. <i>Chemical Research in Toxicology</i> , 2016, 29, 1699-1705.	3.3	8
20	Identification of hydroxylation at aromatic amino acid residues in yeast kinase using mass spectrometry with affinity enrichment. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 185-189.	1.5	2
21	Development of a DNA-templated Peptide Probe for Photoaffinity Labeling and Enrichment of the Histone Modification Reader Proteins. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 7993-7997.	13.8	29
22	Profiling post-translational modifications of histones in neural differentiation of embryonic stem cells using liquid chromatography-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1017-1018, 36-44.	2.3	5
23	Evaluation of serum phosphopeptides as potential cancer biomarkers by mass spectrometric absolute quantification. <i>Talanta</i> , 2014, 125, 411-417.	5.5	22