

# Yingming Zhao

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

9,696  
citations

331670

21  
h-index

642732

23  
g-index

25  
all docs

25  
docs citations

25  
times ranked

8900  
citing authors

#	ARTICLE	IF	CITATIONS
1	Class I histone deacetylases (HDAC1&#x2013;3) are histone lysine delactylases. <i>Science Advances</i> , 2022, 8, eabi6696.	10.3	141
2	Histone H2B Deacetylation Selectivity: Exploring Chromatin&#x2019;s Dark Matter with an Engineered Sortase. <i>Journal of the American Chemical Society</i> , 2022, 144, 3360-3364.	13.7	24
3	The regulatory enzymes and protein substrates for the lysine $\hat{1}^2$ -hydroxybutyrylation pathway. <i>Science Advances</i> , 2021, 7, .	10.3	87
4	Metabolically controlled histone H4K5 acylation/acetylation ratio drives BRD4 genomic distribution. <i>Cell Reports</i> , 2021, 36, 109460.	6.4	27
5	Ketogenesis impact on liver metabolism revealed by proteomics of lysine $\hat{1}^2$ -hydroxybutyrylation. <i>Cell Reports</i> , 2021, 36, 109487.	6.4	56
6	Metabolic regulation of gene expression by histone lactylation. <i>Nature</i> , 2019, 574, 575-580.	27.8	1,308
7	Landscape of the regulatory elements for lysine 2-hydroxyisobutyrylation pathway. <i>Cell Research</i> , 2018, 28, 111-125.	12.0	89
8	p300-Mediated Lysine 2-Hydroxyisobutyrylation Regulates Glycolysis. <i>Molecular Cell</i> , 2018, 70, 663-678.e6.	9.7	126
9	Quantitative Crotonylome Analysis Expands the Roles of p300 in the Regulation of Lysine Crotonylation Pathway. <i>Proteomics</i> , 2018, 18, e1700230.	2.2	63
10	Metabolic regulation of gene expression through histone acylations. <i>Nature Reviews Molecular Cell Biology</i> , 2017, 18, 90-101.	37.0	713
11	Structure of p300 in complex with acyl-CoA variants. <i>Nature Chemical Biology</i> , 2017, 13, 21-29.	8.0	116
12	Molecular Coupling of Histone Crotonylation and Active Transcription by AF9 YEATS Domain. <i>Molecular Cell</i> , 2016, 62, 181-193.	9.7	271
13	Metabolic Regulation of Gene Expression by Histone Lysine $\hat{1}^2$ -Hydroxybutyrylation. <i>Molecular Cell</i> , 2016, 62, 194-206.	9.7	406
14	HDAC8 Catalyzes the Hydrolysis of Long Chain Fatty Acyl Lysine. <i>ACS Chemical Biology</i> , 2016, 11, 2685-2692.	3.4	84
15	Intracellular Crotonyl-CoA Stimulates Transcription through p300-Catalyzed Histone Crotonylation. <i>Molecular Cell</i> , 2015, 58, 203-215.	9.7	434
16	Metabolic Regulation by Lysine Malonylation, Succinylation, and Glutarylation. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 2308-2315.	3.8	370
17	Proteomic and Biochemical Studies of Lysine Malonylation Suggest Its Malonic Aciduria-associated Regulatory Role in Mitochondrial Function and Fatty Acid Oxidation. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 3056-3071.	3.8	143
18	Lysine Glutarylation Is a Protein Posttranslational Modification Regulated by SIRT5. <i>Cell Metabolism</i> , 2014, 19, 605-617.	16.2	647

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19	Lysine 2-hydroxyisobutyrylation is a widely distributed active histone mark. <i>Nature Chemical Biology</i> , 2014, 10, 365-370.	8.0	368
20	SIRT5-Mediated Lysine Desuccinylation Impacts Diverse Metabolic Pathways. <i>Molecular Cell</i> , 2013, 50, 919-930.	9.7	786
21	Identification of 67 Histone Marks and Histone Lysine Crotonylation as a New Type of Histone Modification. <i>Cell</i> , 2011, 146, 1016-1028.	28.9	1,462
22	The First Identification of Lysine Malonylation Substrates and Its Regulatory Enzyme. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M111.012658.	3.8	598
23	Substrate and Functional Diversity of Lysine Acetylation Revealed by a Proteomics Survey. <i>Molecular Cell</i> , 2006, 23, 607-618.	9.7	1,372