Yingming Zhao

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8104262/publications.pdf

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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	Identification of 67 Histone Marks and Histone Lysine Crotonylation as a New Type of Histone Modification. Cell, 2011, 146, 1016-1028.	28.9	1,462
2	Substrate and Functional Diversity of Lysine Acetylation Revealed by a Proteomics Survey. Molecular Cell, 2006, 23, 607-618.	9.7	1,372
3	Metabolic regulation of gene expression by histone lactylation. Nature, 2019, 574, 575-580.	27.8	1,308
4	SIRT5-Mediated Lysine Desuccinylation Impacts Diverse Metabolic Pathways. Molecular Cell, 2013, 50, 919-930.	9.7	786
5	Metabolic regulation of gene expression through histone acylations. Nature Reviews Molecular Cell Biology, 2017, 18, 90-101.	37.0	713
6	Lysine Glutarylation Is a Protein Posttranslational Modification Regulated by SIRT5. Cell Metabolism, 2014, 19, 605-617.	16.2	647
7	The First Identification of Lysine Malonylation Substrates and Its Regulatory Enzyme. Molecular and Cellular Proteomics, 2011, 10, M111.012658.	3.8	598
8	Intracellular Crotonyl-CoA Stimulates Transcription through p300-Catalyzed Histone Crotonylation. Molecular Cell, 2015, 58, 203-215.	9.7	434
9	Metabolic Regulation of Gene Expression by Histone Lysine Î²-Hydroxybutyrylation. Molecular Cell, 2016, 62, 194-206.	9.7	406
10	Metabolic Regulation by Lysine Malonylation, Succinylation, and Glutarylation. Molecular and Cellular Proteomics, 2015, 14, 2308-2315.	3.8	370
11	Lysine 2-hydroxyisobutyrylation is a widely distributed active histone mark. Nature Chemical Biology, 2014, 10, 365-370.	8.0	368
12	Molecular Coupling of Histone Crotonylation and Active Transcription by AF9 YEATS Domain. Molecular Cell, 2016, 62, 181-193.	9.7	271
13	Proteomic and Biochemical Studies of Lysine Malonylation Suggest Its Malonic Aciduria-associated Regulatory Role in Mitochondrial Function and Fatty Acid Oxidation. Molecular and Cellular Proteomics, 2015, 14, 3056-3071.	3.8	143
14	Class I histone deacetylases (HDAC1â€“3) are histone lysine delactylases. Science Advances, 2022, 8, eabi6696.	10.3	141
15	p300-Mediated Lysine 2-Hydroxyisobutyrylation Regulates Glycolysis. Molecular Cell, 2018, 70, 663-678.e6.	9.7	126
16	Structure of p300 in complex with acyl-CoA variants. Nature Chemical Biology, 2017, 13, 21-29.	8.0	116
17	Landscape of the regulatory elements for lysine 2-hydroxyisobutyrylation pathway. Cell Research, 2018, 28, 111-125.	12.0	89
18	The regulatory enzymes and protein substrates for the lysine Î²-hydroxybutyrylation pathway. Science Advances, 2021, 7, .	10.3	87

#	Article	IF	Citations
19	HDAC8 Catalyzes the Hydrolysis of Long Chain Fatty Acyl Lysine. ACS Chemical Biology, 2016, 11, 2685-2692.	3.4	84
20	Quantitative Crotonylome Analysis Expands the Roles of p300 in the Regulation of Lysine Crotonylation Pathway. Proteomics, 2018, 18, e1700230.	2.2	63
21	Ketogenesis impact on liver metabolism revealed by proteomics of lysine Î²-hydroxybutyrylation. Cell Reports, 2021, 36, 109487.	6.4	56
22	Metabolically controlled histone H4K5 acylation/acetylation ratio drives BRD4 genomic distribution. Cell Reports, 2021, 36, 109460.	6.4	27
23	Histone H2B Deacylation Selectivity: Exploring Chromatinâ€™s Dark Matter with an Engineered Sortase. Journal of the American Chemical Society, 2022, 144, 3360-3364.	13.7	24