

Jessica L Feldman

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

1,712
citations

840776

11
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

2433
citing authors

#	ARTICLE	IF	CITATIONS
1	Activation of the Protein Deacetylase SIRT6 by Long-chain Fatty Acids and Widespread Deacylation by Mammalian Sirtuins. <i>Journal of Biological Chemistry</i> , 2013, 288, 31350-31356.	3.4	545
2	Metabolic Regulation of Histone Post-Translational Modifications. <i>ACS Chemical Biology</i> , 2015, 10, 95-108.	3.4	259
3	Structure and Biochemical Functions of SIRT6. <i>Journal of Biological Chemistry</i> , 2011, 286, 14575-14587.	3.4	239
4	Sirtuin Catalysis and Regulation. <i>Journal of Biological Chemistry</i> , 2012, 287, 42419-42427.	3.4	193
5	Kinetic and Structural Basis for Acyl-Group Selectivity and NAD ⁺ Dependence in Sirtuin-Catalyzed Deacylation. <i>Biochemistry</i> , 2015, 54, 3037-3050.	2.5	150
6	Nitration of Hsp90 induces cell death. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E1102-11.	7.1	122
7	Identification of and Molecular Basis for SIRT6 Loss-of-Function Point Mutations in Cancer. <i>Cell Reports</i> , 2015, 13, 479-488.	6.4	64
8	Structural Basis of Improved Second-Generation 3-Nitro-tyrosine tRNA Synthetases. <i>Biochemistry</i> , 2014, 53, 1916-1924.	2.5	51
9	Multivalent interactions drive nucleosome binding and efficient chromatin deacetylation by SIRT6. <i>Nature Communications</i> , 2020, 11, 5244.	12.8	36
10	Catalysis and Mechanistic Insights into Sirtuin Activation. <i>ChemBioChem</i> , 2011, 12, 281-289.	2.6	31
11	Yeast Sirtuin Family Members Maintain Transcription Homeostasis to Ensure Genome Stability. <i>Cell Reports</i> , 2019, 27, 2978-2989.e5.	6.4	22