

# Danica GaloniÄ Fujimori

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

2,836  
citations

257450

24  
h-index

302126

39  
g-index

49  
all docs

49  
docs citations

49  
times ranked

3380  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recognition of Histone H3 Methylation States by the PHD1 Domain of Histone Demethylase KDM5A. ACS Chemical Biology, 2023, 18, 1915-1925.	3.4	10
2	Directed evolution of the rRNA methylating enzyme Cfr reveals molecular basis of antibiotic resistance. ELife, 2022, 11, .	6.0	10
3	Structural basis for context-specific inhibition of translation by oxazolidinone antibiotics. Nature Structural and Molecular Biology, 2022, 29, 162-171.	8.2	31
4	Covalent labeling of a chromatin reader domain using proximity-reactive cyclic peptides. Chemical Science, 2022, 13, 6599-6609.	7.4	15
5	Exploring the Ligand Preferences of the PHD1 Domain of Histone Demethylase KDM5A Reveals Tolerance for Modifications of the Q5 Residue of Histone 3. ACS Chemical Biology, 2021, 16, 205-213.	3.4	4
6	miCLIP-MaPseq Identifies Substrates of Radical SAM RNA-Methylating Enzyme Using Mechanistic Cross-Linking and Mismatch Profiling. Methods in Molecular Biology, 2021, 2298, 105-122.	0.9	2
7	Dissecting contributions of catalytic and reader domains in regulation of histone demethylation. Methods in Enzymology, 2020, 639, 217-236.	1.0	1
8	Domain cross-talk in regulation of histone modifications: Molecular mechanisms and targeting opportunities. Current Opinion in Chemical Biology, 2020, 57, 105-113.	6.1	9
9	Assessment of the nucleotide modifications in the high-resolution cryo-electron microscopy structure of the Escherichia coli 50S subunit. Nucleic Acids Research, 2020, 48, 2723-2732.	14.5	22
10	Extended Recognition of the Histone H3 Tail by Histone Demethylase KDM5A. Biochemistry, 2020, 59, 647-651.	2.5	17
11	Histone H3 binding to the PHD1 domain of histone demethylase KDM5A enables active site remodeling. Nature Communications, 2019, 10, 94.	12.8	38
12	<i>cfr</i> (B), <i>cfr</i> (C), and a New <i>cfr</i>-Like Gene, <i>cfr</i> (E), in Clostridium difficile Strains Recovered across Latin America. Antimicrobial Agents and Chemotherapy, 2019, 64, .	3.2	37
13	miCLIP-MaPseq, a Substrate Identification Approach for Radical SAM RNA Methylating Enzymes. Journal of the American Chemical Society, 2018, 140, 7135-7143.	13.7	11
14	Mutations in RNA methylating enzymes in disease. Current Opinion in Chemical Biology, 2017, 41, 20-27.	6.1	18
15	Determinants of tRNA Recognition by the Radical SAM Enzyme RlmN. PLoS ONE, 2016, 11, e0167298.	2.5	5
16	Htm1p is a folding-sensitive mannosidase that marks N-glycoproteins for ER-associated protein degradation. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E4015-24.	7.1	26
17	Antibiotic resistance evolved via inactivation of a ribosomal RNA methylating enzyme. Nucleic Acids Research, 2016, 44, 8897-8907.	14.5	36
18	Opposing Chromatin Signals Direct and Regulate the Activity of Lysine Demethylase 4C (KDM4C). Journal of Biological Chemistry, 2016, 291, 6060-6070.	3.4	28

#	ARTICLE	IF	CITATIONS
19	Docking and Linking of Fragments To Discover Jumonji Histone Demethylase Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 1580-1598.	6.4	43
20	Histone demethylase KDM5A is regulated by its reader domain through a positive-feedback mechanism. <i>Nature Communications</i> , 2015, 6, 6204.	12.8	99
21	Radical SAM-Mediated Methylation of Ribosomal RNA. <i>Methods in Enzymology</i> , 2015, 560, 355-376.	1.0	22
22	Improved Peak Detection and Deconvolution of Native Electrospray Mass Spectra from Large Protein Complexes. <i>Journal of the American Society for Mass Spectrometry</i> , 2015, 26, 2141-2151.	2.8	49
23	Functional coupling between writers, erasers and readers of histone and DNA methylation. <i>Current Opinion in Structural Biology</i> , 2015, 35, 68-75.	5.7	131
24	Radical SAM-mediated methylation reactions. <i>Current Opinion in Chemical Biology</i> , 2013, 17, 597-604.	6.1	52
25	Reconstitution of Nucleosome Demethylation and Catalytic Properties of a Jumonji Histone Demethylase. <i>Chemistry and Biology</i> , 2013, 20, 494-499.	6.0	27
26	Site-Specific and Regiospecific Installation of Methylarginine Analogues into Recombinant Histones and Insights into Effector Protein Binding. <i>Journal of the American Chemical Society</i> , 2013, 135, 2879-2882.	13.7	42
27	Investigating Roles of Reader Domains in Regulating Activity of Jumonji Histone Demethylases. <i>FASEB Journal</i> , 2013, 27, 337.2.	0.5	0
28	Protein and nucleic acid methylating enzymes: mechanisms and regulation. <i>Current Opinion in Chemical Biology</i> , 2012, 16, 507-515.	6.1	25
29	The Chemistry of Peptidyltransferase Center-Targeted Antibiotics: Enzymatic Resistance and Approaches to Countering Resistance. <i>ACS Chemical Biology</i> , 2012, 7, 64-72.	3.4	27
30	Covalent Intermediate in the Catalytic Mechanism of the Radical <i>S</i> -Adenosyl-methionine Methyl Synthase RlmN Trapped by Mutagenesis. <i>Journal of the American Chemical Society</i> , 2012, 134, 18074-18081.	13.7	40
31	RNA methylation by Radical SAM enzymes RlmN and Cfr proceeds via methylene transfer and hydride shift. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 3930-3934.	7.1	96
32	A Novel Enzymatic Rearrangement. <i>Chemistry and Biology</i> , 2010, 17, 1269-1270.	6.0	0
33	RlmN and Cfr are Radical SAM Enzymes Involved in Methylation of Ribosomal RNA. <i>Journal of the American Chemical Society</i> , 2010, 132, 3953-3964.	13.7	146
34	Hypoxia sensing goes gauche. <i>Nature Chemical Biology</i> , 2009, 5, 202-203.	8.0	1
35	Structural Analysis of an Open Active Site Conformation of Nonheme Iron Halogenase CytC3. <i>Journal of the American Chemical Society</i> , 2009, 131, 4872-4879.	13.7	76
36	Halogenation Strategies In Natural Product Biosynthesis. <i>Chemistry and Biology</i> , 2008, 15, 99-109.	6.0	312

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37	Cloning and characterization of the biosynthetic gene cluster for kutznerides. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 16498-16503.	7.1	144
38	Spectroscopic Evidence for a High-Spin Br-Fe(IV)-Oxo Intermediate in the $\alpha$ -Ketoglutarate-Dependent Halogenase CytC3 from <i>Streptomyces</i> . Journal of the American Chemical Society, 2007, 129, 13408-13409.	13.7	140
39	CD and MCD of CytC3 and Taurine Dioxygenase: Role of the Facial Triad in $\alpha$ -KG-Dependent Oxygenases. Journal of the American Chemical Society, 2007, 129, 14224-14231.	13.7	86
40	Non-Heme Fe(IV)-Oxo Intermediates. Accounts of Chemical Research, 2007, 40, 484-492.	15.6	866
41	What's new in enzymatic halogenations. Current Opinion in Chemical Biology, 2007, 11, 553-560.	6.1	91