

Evan M Cornett

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7883800/publications.pdf>

Version: 2024-02-01

24
papers

913
citations

567281

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h-index

610901

24
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27
all docs

27
docs citations

27
times ranked

1641
citing authors

#	ARTICLE	IF	CITATIONS
1	A DNA methylation reader complex that enhances gene transcription. <i>Science</i> , 2018, 362, 1182-1186.	12.6	181
2	Hemi-methylated DNA regulates DNA methylation inheritance through allosteric activation of H3 ubiquitylation by UHRF1. <i>ELife</i> , 2016, 5, .	6.0	111
3	Examining the Roles of H3K4 Methylation States with Systematically Characterized Antibodies. <i>Molecular Cell</i> , 2018, 72, 162-177.e7.	9.7	90
4	Lysine Methylation Regulators Moonlighting outside the Epigenome. <i>Molecular Cell</i> , 2019, 75, 1092-1101.	9.7	73
5	Molecular Logic Gates for DNA Analysis: Detection of Rifampin Resistance in <i>M. tuberculosis</i> DNA. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9075-9077.	13.8	48
6	RNA-Cleaving Deoxyribozyme Sensor for Nucleic Acid Analysis: The Limit of Detection. <i>ChemBioChem</i> , 2010, 11, 811-817.	2.6	44
7	Multivalent Chromatin Engagement and Inter-domain Crosstalk Regulate MORC3 ATPase. <i>Cell Reports</i> , 2016, 16, 3195-3207.	6.4	40
8	Selective binding of the PHD6 finger of MLL4 to histone H4K16ac links MLL4 and MOF. <i>Nature Communications</i> , 2019, 10, 2314.	12.8	40
9	Chromatin structure and its chemical modifications regulate the ubiquitin ligase substrate selectivity of UHRF1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 8775-8780.	7.1	39
10	Deoxyribozyme Cascade for Visual Detection of Bacterial RNA. <i>ChemBioChem</i> , 2013, 14, 2087-2090.	2.6	35
11	Nuclease-containing media for resettable operation of DNA logic gates. <i>Chemical Communications</i> , 2015, 51, 1429-1431.	4.1	25
12	Systematic comparison of monoclonal versus polyclonal antibodies for mapping histone modifications by ChIP-seq. <i>Epigenetics and Chromatin</i> , 2016, 9, 49.	3.9	25
13	Comparative biochemical analysis of UHRF proteins reveals molecular mechanisms that uncouple UHRF2 from DNA methylation maintenance. <i>Nucleic Acids Research</i> , 2018, 46, 4405-4416.	14.5	25
14	A functional proteomics platform to reveal the sequence determinants of lysine methyltransferase substrate selectivity. <i>Science Advances</i> , 2018, 4, eaav2623.	10.3	25
15	ArrayNinja. <i>Methods in Enzymology</i> , 2016, 574, 53-77.	1.0	18
16	Analysis of Histone Antibody Specificity with Peptide Microarrays. <i>Journal of Visualized Experiments</i> , 2017, . .	0.3	18
17	A Read/Write Mechanism Connects p300 Bromodomain Function to H2A.Z Acetylation. <i>IScience</i> , 2019, 21, 773-788.	4.1	16
18	Substrate Specificity Profiling of Histone-Modifying Enzymes by Peptide Microarray. <i>Methods in Enzymology</i> , 2016, 574, 31-52.	1.0	15

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19	A physical basis for quantitative ChIP-sequencing. <i>Journal of Biological Chemistry</i> , 2020, 295, 15826-15837.	3.4	14
20	Operating Cooperatively (OC) Sensor for Highly Specific Recognition of Nucleic Acids. <i>PLoS ONE</i> , 2013, 8, e55919.	2.5	10
21	Two-component covalent inhibitor. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 1988-1991.	3.0	3
22	SNP Analysis Using a Molecular Beacon-Based Operating Cooperatively (OC) Sensor. <i>Methods in Molecular Biology</i> , 2013, 1039, 81-86.	0.9	2
23	Click Chemistry-Based Two-Component System for Efficient Inhibition of Human Immunodeficiency Virus (HIV) Reverse Transcriptase (RT). <i>ACS Omega</i> , 2020, 5, 4167-4171.	3.5	1
24	Structural and genome-wide analyses suggest that transposon-derived protein SETMAR alters transcription and splicing. <i>Journal of Biological Chemistry</i> , 2022, , 101894.	3.4	0