

Kabirul Islam

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

631
citations

759233

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24
all docs

24
docs citations

24
times ranked

670
citing authors

#	ARTICLE	IF	CITATIONS
1	Allele-Specific Chemical Rescue of Histone Demethylases Using Abiotic Cofactors. ACS Chemical Biology, 2022, 17, 3321-3330.	3.4	3
2	Hydrophobic cavity-directed azide-acetyllysine photochemistry for profiling non-histone interacting partners of bromodomain protein 1. RSC Chemical Biology, 2022, 3, 1061-1068.	4.1	3
3	Catalytic Space Engineering as a Strategy to Activate C-H Oxidation on 5-Methylcytosine in Mammalian Genome. Journal of the American Chemical Society, 2021, 143, 11891-11896.	13.7	5
4	Editorial overview: Enabling chemical biology approaches for epigenetic research. Current Opinion in Chemical Biology, 2021, 63, A1-A3.	6.1	0
5	Engineering a methyllysine reader with photoactive amino acid in mammalian cells. Chemical Communications, 2020, 56, 12210-12213.	4.1	9
6	Engineering bromodomains with a photoactive amino acid by engaging a privileged tRNA synthetases. Chemical Communications, 2020, 56, 3641-3644.	4.1	10
7	Probing Ca ²⁺ -induced conformational change of calmodulin with gold nanoparticle-decorated single-walled carbon nanotube field-effect transistors. Nanoscale, 2019, 11, 13397-13406.	5.6	16
8	Synthesis of 5-Dihydroxyboryluridine Phosphoramidite and Its Site-Specific Incorporation into Oligonucleotides for Probing Thymine DNA Glycosylase. Organic Letters, 2019, 21, 6614-6618.	4.6	3
9	Engineering Methyllysine Writers and Readers for Allele-Specific Regulation of Protein-Protein Interactions. Journal of the American Chemical Society, 2019, 141, 15466-15470.	13.7	12
10	Allele-Specific Inhibition of Histone Demethylases. ChemBioChem, 2019, 20, 1133-1138.	2.6	2
11	Site- and degree-specific C-H oxidation on 5-methylcytosine homologues for probing active DNA demethylation. Chemical Science, 2019, 10, 10550-10555.	7.4	11
12	The Bump-and-Hole Tactic: Expanding the Scope of Chemical Genetics. Cell Chemical Biology, 2018, 25, 1171-1184.	5.2	66
13	Complementary Steric Engineering at the Protein-Ligand Interface for Analogue-Sensitive TET Oxygenases. Journal of the American Chemical Society, 2018, 140, 10263-10269.	13.7	14
14	Chemically Altered Epigenetic Landscape: Transcriptional Reprogramming at Precise Space and Time. FASEB Journal, 2018, 32, 523.10.	0.5	0
15	Site-specific azide-acetyllysine photochemistry on epigenetic readers for interactome profiling. Chemical Science, 2017, 8, 4250-4256.	7.4	30
16	Specific Acetylation Patterns of H2A.Z Form Transient Interactions with the BPTF Bromodomain. Biochemistry, 2017, 56, 4607-4615.	2.5	16
17	A rapid mass spectrometric method for the measurement of catalytic activity of ten-eleven translocation enzymes. Analytical Biochemistry, 2017, 534, 28-35.	2.4	14
18	Engineering Biological C-H Functionalization Leads to Allele-Specific Regulation of Histone Demethylases. Journal of the American Chemical Society, 2016, 138, 13505-13508.	13.7	15

#	ARTICLE	IF	CITATIONS
19	Allele-Specific Chemical Genetics: Concept, Strategies, and Applications. ACS Chemical Biology, 2015, 10, 343-363.	3.4	27
20	Defining efficient enzyme-cofactor pairs for bioorthogonal profiling of protein methylation. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 16778-16783.	7.1	65
21	Profiling Genome-Wide Chromatin Methylation with Engineered Posttranslation Apparatus within Living Cells. Journal of the American Chemical Society, 2013, 135, 1048-1056.	13.7	115
22	Bioorthogonal Profiling of Protein Methylation Using Azido Derivative of <i>S</i> -Adenosyl-methionine. Journal of the American Chemical Society, 2012, 134, 5909-5915.	13.7	92
23	Expanding Cofactor Repertoire of Protein Lysine Methyltransferase for Substrate Labeling. ACS Chemical Biology, 2011, 6, 679-684.	3.4	103