Lindsey I James

List of Publications by Year
in descending order

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42 papers	1,891 citations	304743 22 h-index	265206 42 g-index
46 all docs	46 docs citations	46 times ranked	3008 citing authors

#	Article	IF	Citations
1	An Orally Bioavailable Chemical Probe of the Lysine Methyltransferases EZH2 and EZH1. ACS Chemical Biology, 2013, 8, 1324-1334.	3.4	399
2	Discovery of a chemical probe for the L3MBTL3 methyllysine reader domain. Nature Chemical Biology, 2013, 9, 184-191.	8.0	160
3	A cellular chemical probe targeting the chromodomains of Polycomb repressive complex 1. Nature Chemical Biology, 2016, 12, 180-187.	8.0	133
4	Degradation of Polycomb Repressive Complex 2 with an EED-Targeted Bivalent Chemical Degrader. Cell Chemical Biology, 2020, 27, 47-56.e15.	5.2	127
5	A Synthetic Receptor for Asymmetric Dimethyl Arginine. Journal of the American Chemical Society, 2013, 135, 6450-6455.	13.7	86
6	Small-Molecule Ligands of Methyl-Lysine Binding Proteins: Optimization of Selectivity for L3MBTL3. Journal of Medicinal Chemistry, 2013, 56, 7358-7371.	6.4	66
7	TBK1 Is a Synthetic Lethal Target in Cancer with VHL Loss. Cancer Discovery, 2020, 10, 460-475.	9.4	63
8	Assessing the Cell Permeability of Bivalent Chemical Degraders Using the Chloroalkane Penetration Assay. ACS Chemical Biology, 2020, 15, 290-295.	3.4	60
9	Identification of a Fragment-like Small Molecule Ligand for the Methyl-lysine Binding Protein, 53BP1. ACS Chemical Biology, 2015, 10, 1072-1081.	3.4	56
10	Canonical PRC1 controls sequence-independent propagation of Polycomb-mediated gene silencing. Nature Communications, 2019, 10, 1931.	12.8	54
11	Gut Microbial Î²-Glucuronidase Inhibition via Catalytic Cycle Interception. ACS Central Science, 2018, 4, 868-879.	11.3	52
12	Chromodomain Ligand Optimization via Target-Class Directed Combinatorial Repurposing. ACS Chemical Biology, 2016, 11, 2475-2483.	3.4	46
13	Discovery of Peptidomimetic Ligands of EED as Allosteric Inhibitors of PRC2. ACS Combinatorial Science, 2017, 19, 161-172.	3.8	43
14	Targeting Regorafenib-Induced Toxicity through Inhibition of Gut Microbial Î²-Glucuronidases. ACS Chemical Biology, 2019, 14, 2737-2744.	3.4	41
15	A chemical probe targeting the PWWP domain alters NSD2 nucleolar localization. Nature Chemical Biology, 2022, 18, 56-63.	8.0	41
16	Discovery and Characterization of a Cellular Potent Positive Allosteric Modulator of the Polycomb Repressive Complex 1 Chromodomain, CBX7. Cell Chemical Biology, 2019, 26, 1365-1379.e22.	5.2	38
17	Chromatin remodeling controls Kaposi's sarcoma-associated herpesvirus reactivation from latency. PLoS Pathogens, 2018, 14, e1007267.	4.7	32
18	Epigenomic characterization of latent HIV infection identifies latency regulating transcription factors. PLoS Pathogens, 2021, 17, e1009346.	4.7	32

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19	Target class drug discovery. Nature Chemical Biology, 2017, 13, 1053-1056.	8.0	31
20	Structureâ€“activity relationships and cellular mechanism of action of small molecules that enhance the delivery of oligonucleotides. Nucleic Acids Research, 2018, 46, 1601-1613.	14.5	29
21	Discovery of Small-Molecule Antagonists of the PWWP Domain of NSD2. Journal of Medicinal Chemistry, 2021, 64, 1584-1592.	6.4	29
22	Structureâ€“Activity Relationships and Kinetic Studies of Peptidic Antagonists of CBX Chromodomains. Journal of Medicinal Chemistry, 2016, 59, 8913-8923.	6.4	28
23	A General TR-FRET Assay Platform for High-Throughput Screening and Characterizing Inhibitors of Methyl-Lysine Reader Proteins. SLAS Discovery, 2019, 24, 693-700.	2.7	25
24	Chemical probes for methyl lysine reader domains. Current Opinion in Chemical Biology, 2016, 33, 135-141.	6.1	24
25	A Novel Family of Small Molecules that Enhance the Intracellular Delivery and Pharmacological Effectiveness of Antisense and Splice Switching Oligonucleotides. ACS Chemical Biology, 2017, 12, 1999-2007.	3.4	19
26	Evaluation of EED Inhibitors as a Class of PRC2-Targeted Small Molecules for HIV Latency Reversal. ACS Infectious Diseases, 2020, 6, 1719-1733.	3.8	17
27	Combined noncanonical NF-Î²B agonism and targeted BET bromodomain inhibition reverse HIV latency ex vivo. Journal of Clinical Investigation, 2022, 132, .	8.2	17
28	Quantitative Characterization of Bivalent Probes for a Dual Bromodomain Protein, Transcription Initiation Factor TFIID Subunit 1. Biochemistry, 2018, 57, 2140-2149.	2.5	16
29	Improved methods for targeting epigenetic reader domains of acetylated and methylated lysine. Current Opinion in Chemical Biology, 2021, 63, 132-144.	6.1	14
30	Systematic Variation of Both the Aromatic Cage and Dialkyllysine via GCE-SAR Reveal Mechanistic Insights in CBX5 Reader Protein Binding. Journal of Medicinal Chemistry, 2022, 65, 2646-2655.	6.4	13
31	Discovery of selective activators of PRC2 mutant EED-I363M. Scientific Reports, 2019, 9, 6524.	3.3	12
32	Discovery of an H3K36me3-Derived Peptidomimetic Ligand with Enhanced Affinity for Plant Homeodomain Finger Protein 1 (PHF1). Journal of Medicinal Chemistry, 2021, 64, 8510-8522.	6.4	12
33	A Peptidomimetic Ligand Targeting the Chromodomain of MPP8 Reveals HRP2â€™s Association with the HUSH Complex. ACS Chemical Biology, 2021, 16, 1721-1736.	3.4	12
34	Reprogramming CBX8-PRC1 function with a positive allosteric modulator. Cell Chemical Biology, 2022, 29, 555-571.e11.	5.2	12
35	Structural Basis for the Binding Selectivity of Human CDY Chromodomains. Cell Chemical Biology, 2020, 27, 827-838.e7.	5.2	10
36	Design, synthesis, and protein methyltransferase activity of a unique set of constrained amine containing compounds. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 4436-4440.	2.2	8

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37	The L3MBTL3 Methyl-Lysine Reader Domain Functions As a Dimer. ACS Chemical Biology, 2016, 11, 722-728.	3.4	8
38	Peptide Technologies in the Development of Chemical Tools for Chromatinâ€Associated Machinery. Drug Development Research, 2017, 78, 300-312.	2.9	4
39	Getting a handle on chemical probes of chomatin readers. Future Medicinal Chemistry, 2021, 13, 749-763.	2.3	4
40	Cdyl Deficiency Brakes Neuronal Excitability and Nociception through Promoting Kcnb1 Transcription in Peripheral Sensory Neurons. Advanced Science, 2022, 9, e2104317.	11.2	4
41	Bioorthogonal Chemical Epigenetic Modifiers Enable Dose-Dependent CRISPR Targeted Gene Activation in Mammalian Cells. ACS Synthetic Biology, 2022, 11, 1397-1407.	3.8	3
42	Discovery of Potent Peptidomimetic Antagonists for Heterochromatin Protein 1 Family Proteins. ACS Omega, 2022, 7, 716-732.	3.5	3