Andrew C Mercer

List of Publications by Year
in descending order

18	972	623574 14	839398 18
papers	citations	h-index	g-index

19	19	19	1027
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chimeric TALE recombinases with programmable DNA sequence specificity. Nucleic Acids Research, 2012, 40, 11163-11172.	6.5	126
2	Structure-guided reprogramming of serine recombinase DNA sequence specificity. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 498-503.	3.3	121
3	Directed evolution of the TALE N-terminal domain for recognition of all 5â€² bases. Nucleic Acids Research, 2013, 41, 9779-9785.	6.5	117
4	Synthesis and Evaluation of Bioorthogonal Pantetheine Analogues for in Vivo Protein Modification. Journal of the American Chemical Society, 2006, 128, 12174-12184.	6.6	112
5	The ubiquitous carrier proteinâ€”a window to metabolite biosynthesis. Natural Product Reports, 2007, 24, 750.	5.2	105
6	In Vivo Reporter Labeling of Proteins via Metabolic Delivery of Coenzyme A Analogues. Journal of the American Chemical Society, 2005, 127, 11234-11235.	6.6	98
7	A comprehensive approach to zinc-finger recombinase customization enables genomic targeting in human cells. Nucleic Acids Research, 2013, 41, 3937-3946.	6.5	49
8	Regulation of Endogenous Human Gene Expression by Ligand-Inducible TALE Transcription Factors. ACS Synthetic Biology, 2014, 3, 723-730.	1.9	48
9	Targeted plasmid integration into the human genome by an engineered zinc-finger recombinase. Nucleic Acids Research, 2011, 39, 7868-7878.	6.5	47
10	Fluorescent Profiling of Modular Biosynthetic Enzymes by Complementary Metabolic and Activity Based Probes. Journal of the American Chemical Society, 2008, 130, 5443-5445.	6.6	30
11	Enhancing the Specificity of Recombinase-Mediated Genome Engineering through Dimer Interface Redesign. Journal of the American Chemical Society, 2014, 136, 5047-5056.	6.6	29
12	In Vivo Modification of Native Carrier Protein Domains. ChemBioChem, 2009, 10, 1091-1100.	1.3	24
13	Expanding the zinc-finger recombinase repertoire: directed evolution and mutational analysis of serine recombinase specificity determinants. Nucleic Acids Research, 2014, 42, 4755-4766.	6.5	20
14	Antibiotic evaluation and in vivo analysis of alkynyl Coenzyme A antimetabolites in Escherichia coli. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 5991-5994.	1.0	19
15	Structure of the AAVhu.37 capsid by cryoelectron microscopy. Acta Crystallographica Section F, Structural Biology Communications, 2020, 76, 58-64.	0.4	11
16	Fluorescent Multiplex Analysis of Carrier Protein Post-Translational Modification. ChemBioChem, 2005, 6, 1335-1337.	1.3	10
17	Chemical expansion of cofactor activity. Nature Chemical Biology, 2006, 2, 8-10.	3.9	5
18	Enzyme-Assisted Antibiotic Engineeringâ€” the Wright Way. Chemistry and Biology, 2005, 12, 147-148.	6.2	0