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	Structure of the AAVhu.37 capsid by cryoelectron microscopy. Acta Crystallographica Section F, Structural Biology Communications, 2020, 76, 58-64.	0.4	11
2	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
3	Regulation of Endogenous Human Gene Expression by Ligand-Inducible TALE Transcription Factors. ACS Synthetic Biology, 2014, 3, 723-730.	1.9	48
4	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
5	A comprehensive approach to zinc-finger recombinase customization enables genomic targeting in human cells. Nucleic Acids Research, 2013, 41, 3937-3946.	6.5	49
6	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
7	Chimeric TALE recombinases with programmable DNA sequence specificity. Nucleic Acids Research, 2012, 40, 11163-11172.	6.5	126
8	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
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	In Vivo Modification of Native Carrier Protein Domains. ChemBioChem, 2009, 10, 1091-1100.	1.3	24
11	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
12	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
13	The ubiquitous carrier proteinâ€”a window to metabolite biosynthesis. Natural Product Reports, 2007, 24, 750.	5.2	105
14	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
15	Chemical expansion of cofactor activity. Nature Chemical Biology, 2006, 2, 8-10.	3.9	5
16	Enzyme-Assisted Antibiotic Engineeringâ€” the Wright Way. Chemistry and Biology, 2005, 12, 147-148.	6.2	0
17	Fluorescent Multiplex Analysis of Carrier Protein Post-Translational Modification. ChemBioChem, 2005, 6, 1335-1337.	1.3	10
18	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