Cyril Buhler

List of Publications by Year
in descending order

12 papers	**574** citations	1040056 **9** h-index	1125743 **13** g-index
13 all docs	**13** docs citations	**13** times ranked	**775** citing authors

#	Article	IF	Citations
1	Mapping Meiotic Single-Strand DNA Reveals a New Landscape of DNA Double-Strand Breaks in Saccharomyces cerevisiae. PLoS Biology, 2007, 5, e324.	5.6	202
2	Phylogenomics of type II DNA topoisomerases. BioEssays, 2003, 25, 232-242.	2.5	107
3	Enzymes hydrolyzing organophosphates as potential catalytic scavengers against organophosphate poisoning. Journal of Physiology (Paris), 1998, 92, 357-362.	2.1	60
4	DNA bending, compaction and negative supercoiling by the architectural protein Sso7d of Sulfolobus solfataricus. Nucleic Acids Research, 2002, 30, 2656-2662.	14.5	57
5	DNA Topoisomerase VI Generates ATP-dependent Double-strand Breaks with Two-nucleotide Overhangs. Journal of Biological Chemistry, 2001, 276, 37215-37222.	3.4	51
6	Inhibition of DNA damage repair by artificial activation of PARP with siDNA. Nucleic Acids Research, 2013, 41, 7344-7355.	14.5	34
7	Status of insecticide resistance in high-risk malaria provinces in Afghanistan. Malaria Journal, 2016, 15, 98.	2.3	19
8	Pharmacokinetics and Toxicity in Rats and Monkeys of coDbait: A Therapeutic Double-stranded DNA Oligonucleotide Conjugated to Cholesterol. Molecular Therapy - Nucleic Acids, 2012, 1, e33.	5.1	15
9	Genome-Wide Mapping of Meiotic DNA Double-Strand Breaks in Saccharomyces cerevisiae. Methods in Molecular Biology, 2009, 557, 143-164.	0.9	9
10	Use of malaria rapid diagnostic tests by community health workers in Afghanistan: cluster randomised trial. BMC Medicine, 2017, 15, 124.	5.5	7
11	Prevalence of Zoonotic and Vector-Borne Infections Among Afghan National Army Recruits in Afghanistan. Vector-Borne and Zoonotic Diseases, 2016, 16, 501-506.	1.5	5
12	[14] DNA topoisomerases VI from hyperthermophilic archaea. Methods in Enzymology, 2001, 334, 172-179.	1.0	3