

Barry J Barclay

List of Publications by Year in descending order

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16
papers

740
citations

759233

12
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940533

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16
all docs

16
docs citations

16
times ranked

772
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing the carcinogenic potential of low-dose exposures to chemical mixtures in the environment: the challenge ahead. <i>Carcinogenesis</i> , 2015, 36, S254-S296.	2.8	239
2	Genetic and biochemical consequences of thymidylate stress. <i>Canadian Journal of Biochemistry</i> , 1982, 60, 172-194.	1.4	96
3	Genetic damage during thymidylate starvation in <i>Saccharomyces cerevisiae</i> . <i>Molecular Genetics and Genomics</i> , 1978, 160, 33-40.	2.4	73
4	Induction of mitotic recombination in yeast by starvation for thymine nucleotides.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1980, 77, 6057-6061.	7.1	67
5	The phenotype of a dihydrofolate reductase mutant of <i>Saccharomyces cerevisiae</i> . <i>Gene</i> , 1992, 121, 167-171.	2.2	45
6	Mapping and sequencing of the dihydrofolate reductase gene (DFR1) of <i>Saccharomyces cerevisiae</i> . <i>Gene</i> , 1988, 63, 175-185.	2.2	39
7	Mutation induction in yeast by deoxythymidine monophosphate: A model. <i>Molecular Genetics and Genomics</i> , 1981, 181, 279-281.	2.4	36
8	Disruptive environmental chemicals and cellular mechanisms that confer resistance to cell death. <i>Carcinogenesis</i> , 2015, 36, S89-S110.	2.8	33
9	Isolation of the thymidylate synthetase gene (TMP1) by complementation in <i>Saccharomyces cerevisiae</i> .. <i>Molecular and Cellular Biology</i> , 1982, 2, 437-442.	2.3	28
10	A rapid assay for mitochondrial DNA damage and respiratory chain inhibition in the yeast <i>Saccharomyces cerevisiae</i> . <i>Environmental and Molecular Mutagenesis</i> , 2001, 38, 153-158.	2.2	22
11	Selection of yeast auxotrophs by thymidylate starvation. <i>Journal of Bacteriology</i> , 1977, 132, 1036-1037.	2.2	19
12	Isolation of the Thymidylate Synthetase Gene (<i>TMP1</i>) by Complementation in <i>Saccharomyces cerevisiae</i>. <i>Molecular and Cellular Biology</i> , 1982, 2, 437-442.	2.3	19
13	A simple, rapid plate assay for mitotic recombination. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1980, 73, 215-220.	1.0	11
14	Nuclear morphology of yeast under thymidylate starvation. <i>Chromosoma</i> , 1981, 82, 333-340.	2.2	9
15	Effect of Genomic Position on Amplification of the DFR1 Gene in <i>Saccharomyces Cerevisiae</i> . <i>Advances in Experimental Medicine and Biology</i> , 1993, 338, 545-550.	1.6	2
16	Dihydrofolate Reductase is not the Target of Trimethoprim in <i>Saccharomyces Cerevisiae</i> . <i>Advances in Experimental Medicine and Biology</i> , 1993, 338, 551-554.	1.6	2