

T J Kappock

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

11
papers

639
citations

10
h-index

11
g-index

11
ext. papers

678
ext. citations

4.2
avg, IF

2.71
L-index

#	Paper	IF	Citations
11	Diverse carotenoids protect against chemically induced neoplastic transformation. <i>Carcinogenesis</i> , 1991 , 12, 671-8	4.6	235
10	Modular evolution of the purine biosynthetic pathway. <i>Current Opinion in Chemical Biology</i> , 2000 , 4, 567-72	3.7	69
9	X-ray crystal structure of aminoimidazole ribonucleotide synthetase (PurM), from the Escherichia coli purine biosynthetic pathway at 2.5 Å resolution. <i>Structure</i> , 1999 , 7, 1155-66	5.2	61
8	Three-dimensional structure of N5-carboxyaminoimidazole ribonucleotide synthetase: a member of the ATP grasp protein superfamily. <i>Biochemistry</i> , 1999 , 38, 15480-92	3.2	50
7	X-ray crystal structure of glycinamide ribonucleotide synthetase from Escherichia coli. <i>Biochemistry</i> , 1998 , 37, 15647-62	3.2	49
6	Solubilization, cellular uptake, and activity of beta-carotene and other carotenoids as inhibitors of neoplastic transformation in cultured cells. <i>Methods in Enzymology</i> , 1993 , 214, 55-68	1.7	43
5	Crystal structure of Escherichia coli PurE, an unusual mutase in the purine biosynthetic pathway. <i>Structure</i> , 1999 , 7, 1395-406	5.2	41
4	Spectroscopic and kinetic properties of unphosphorylated rat hepatic phenylalanine hydroxylase expressed in Escherichia coli. Comparison of resting and activated states. <i>Journal of Biological Chemistry</i> , 1995 , 270, 30532-44	5.4	41
3	Evidence for the direct transfer of the carboxylate of N5-carboxyaminoimidazole ribonucleotide (N5-CAIR) to generate 4-carboxy-5-aminoimidazole ribonucleotide catalyzed by Escherichia coli PurE, an N5-CAIR mutase. <i>Biochemistry</i> , 1999 , 38, 3012-8	3.2	36
2	Investigation of the ATP binding site of Escherichia coli aminoimidazole ribonucleotide synthetase using affinity labeling and site-directed mutagenesis. <i>Biochemistry</i> , 1999 , 38, 9831-9	3.2	13
1	Altered pathway routing in a class of Salmonella enterica serovar Typhimurium mutants defective in aminoimidazole ribonucleotide synthetase. <i>Journal of Bacteriology</i> , 2001 , 183, 2234-40	3.5	1