

Todd D Porter

List of Publications by Year in descending order

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41
papers

2,059
citations

331538

21
h-index

276775

41
g-index

42
all docs

42
docs citations

42
times ranked

2001
citing authors

#	ARTICLE	IF	CITATIONS
1	NADPH-cytochrome P-450 oxidoreductase: flavin mononucleotide and flavin adenine dinucleotide domains evolved from different flavoproteins. <i>Biochemistry</i> , 1986, 25, 1682-1687.	1.2	265
2	The roles of cytochrome b5 in cytochrome P450 reactions. <i>Journal of Biochemical and Molecular Toxicology</i> , 2002, 16, 311-316.	1.4	163
3	An unusual yet strongly conserved flavoprotein reductase in bacteria and mammals. <i>Trends in Biochemical Sciences</i> , 1991, 16, 154-158.	3.7	139
4	Policosanol Inhibits Cholesterol Synthesis in Hepatoma Cells by Activation of AMP-Kinase. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 318, 1020-1026.	1.3	134
5	Garlic and Garlic-Derived Compounds Inhibit Human Squalene Monooxygenase. <i>Journal of Nutrition</i> , 2001, 131, 1662-1667.	1.3	109
6	Cloning, Heterologous Expression, and Enzymological Characterization of Human Squalene Monooxygenase. <i>Archives of Biochemistry and Biophysics</i> , 2000, 374, 381-388.	1.4	92
7	Inhibition of human squalene monooxygenase by tellurium compounds: evidence of interaction with vicinal sulfhydryls. <i>Journal of Lipid Research</i> , 2001, 42, 235-240.	2.0	87
8	Complementary DNA and amino acid sequence of rat liver microsomal, xenobiotic epoxide hydrolase. <i>Archives of Biochemistry and Biophysics</i> , 1986, 248, 121-129.	1.4	80
9	NADPH-cytochrome P-450 oxidoreductase gene organization correlates with structural domains of the protein. <i>Biochemistry</i> , 1990, 29, 9814-9818.	1.2	80
10	Expression of a functional 78,000 dalton mammalian flavoprotein, NADPH-cytochrome P-450 oxidoreductase, in <i>Escherichia coli</i> . <i>Archives of Biochemistry and Biophysics</i> , 1987, 254, 353-367.	1.4	72
11	Green and black tea extracts inhibit HMG-CoA reductase and activate AMP kinase to decrease cholesterol synthesis in hepatoma cells. <i>Journal of Nutritional Biochemistry</i> , 2009, 20, 816-822.	1.9	59
12	Inhibition of human squalene monooxygenase by selenium compounds. <i>Journal of Biochemical and Molecular Toxicology</i> , 2002, 16, 18-23.	1.4	50
13	Inhibition of Sterol 4 α -Methyl Oxidase Is the Principal Mechanism by Which Garlic Decreases Cholesterol Synthesis. <i>Journal of Nutrition</i> , 2006, 136, 759S-764S.	1.3	47
14	[11] Expression of mammalian P450s in <i>Escherichia coli</i> . <i>Methods in Enzymology</i> , 1991, 206, 108-116.	0.4	43
15	Coexpression of Mammalian Cytochrome P450 and Reductase in <i>Escherichia coli</i> . <i>Archives of Biochemistry and Biophysics</i> , 1996, 327, 254-259.	1.4	43
16	Modification of the Nucleotide Cofactor-binding Site of Cytochrome P-450 Reductase to Enhance Turnover with NADH in Vivo. <i>Journal of Biological Chemistry</i> , 2002, 277, 48960-48964.	1.6	40
17	Supernatant protein factor and tocopherol-associated protein: an unexpected link between cholesterol synthesis and vitamin E (review). <i>Journal of Nutritional Biochemistry</i> , 2003, 14, 3-6.	1.9	34
18	Phosphorylation of hepatic AMP-activated protein kinase and liver kinase B1 is increased after a single oral dose of green tea extract to mice. <i>Nutrition Research</i> , 2012, 32, 985-990.	1.3	30

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19	Activation of AMP-kinase by Policosanol Requires Peroxisomal Metabolism. <i>Lipids</i> , 2011, 46, 311-321.	0.7	27
20	Electron Transfer Pathways in Cholesterol Synthesis. <i>Lipids</i> , 2015, 50, 927-936.	0.7	24
21	Phosphorylation of Supernatant Protein Factor Enhances Its Ability to Stimulate Microsomal Squalene Monooxygenase. <i>Journal of Biological Chemistry</i> , 2003, 278, 5646-5651.	1.6	22
22	Supernatant protein factor stimulates HMG-CoA reductase in cell culture and in vitro. <i>Archives of Biochemistry and Biophysics</i> , 2005, 433, 474-480.	1.4	22
23	New insights into the role of cytochrome P450 reductase (POR) in microsomal redox biology. <i>Acta Pharmaceutica Sinica B</i> , 2012, 2, 102-106.	5.7	22
24	Correlation between codon usage, regional genomic nucleotide composition, and amino acid composition in the cytochrome P-450 gene superfamily. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1995, 1261, 394-400.	2.4	21
25	Mutagenesis at a Highly Conserved Phenylalanine in Cytochrome P450 2E1 Affects Heme Incorporation and Catalytic Activity. <i>Biochemistry</i> , 1994, 33, 5942-5946.	1.2	20
26	Mutagenicity of nitrosamines in methyltransferase-deficient strains of <i>Salmonella typhimurium</i> coexpressing human cytochrome P450 2E1 and reductase. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2000, 454, 45-52.	0.4	20
27	Resveratrol inhibits human squalene monooxygenase. <i>Nutrition Research</i> , 2001, 21, 747-753.	1.3	19
28	JUD COON: 35 YEARS OF P450 RESEARCH, A SYNOPSIS OF P450 HISTORY. <i>Drug Metabolism and Disposition</i> , 2004, 32, 1-6.	1.7	19
29	Cytochrome b5 reductase and cytochrome b5 support the CYP2E1-mediated activation of nitrosamines in a recombinant Ames test. <i>Archives of Biochemistry and Biophysics</i> , 2003, 412, 147-152.	1.4	18
30	Cytochrome b5 coexpression increases the CYP2E1-dependent mutagenicity of dialkyl nitrosamines in methyltransferase-deficient strains of <i>Salmonella typhimurium</i> . <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2001, 484, 61-68.	0.4	16
31	Hepatic cytochrome P450 reductase-null mice reveal a second microsomal reductase for squalene monooxygenase. <i>Archives of Biochemistry and Biophysics</i> , 2007, 461, 76-84.	1.4	16
32	Suppression of Cytochrome P450 Reductase (POR) Expression in Hepatoma Cells Replicates the Hepatic Lipidosis Observed in Hepatic POR-Null Mice. <i>Drug Metabolism and Disposition</i> , 2011, 39, 966-973.	1.7	16
33	Rapid suppression of 7-dehydrocholesterol reductase activity in keratinocytes by vitamin D. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2015, 148, 64-71.	1.2	16
34	Expression of rabbit cytochrome P-450IIE2 in yeast and stabilization of the enzyme by 4-methylpyrazole. <i>Biochemical and Biophysical Research Communications</i> , 1990, 172, 1331-1337.	1.0	15
35	Isolation and partial characterization of the gene for cytochrome P-450 3a (P-450ALC) and a second closely related gene. <i>Biochemical and Biophysical Research Communications</i> , 1988, 150, 10-17.	1.0	14
36	Supernatant protein factor requires phosphorylation and interaction with Golgi to stimulate cholesterol synthesis in hepatoma cells. <i>Archives of Biochemistry and Biophysics</i> , 2005, 435, 175-181.	1.4	11

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37	Chlorzoxazone hydroxylation in microsomes and hepatocytes from cytochrome P450 oxidoreductase null mice. <i>Journal of Biochemical and Molecular Toxicology</i> , 2009, 23, 357-363.	1.4	11
38	Rat supernatant protein factor-like protein (SPF2) stimulates squalene monooxygenase and is activated by protein kinase A. <i>Biochemical and Biophysical Research Communications</i> , 2004, 316, 688-692.	1.0	9
39	7-Dehydrocholesterol reductase activity is independent of cytochrome P450 reductase. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2011, 127, 435-438.	1.2	8
40	STRATEGIES TO ENHANCE THE COEXPRESSION OF CYTOCHROME P450 2E1 AND REDUCTASE IN BACTERIA*. <i>Drug Metabolism Reviews</i> , 1999, 31, 159-174.	1.5	6
41	Is tocopherol associated protein a misnomer: Reply. <i>Journal of Nutritional Biochemistry</i> , 2003, 14, 423.	1.9	0