Todd D Porter

List of Publications by Year in descending order

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	Electron Transfer Pathways in Cholesterol Synthesis. Lipids, 2015, 50, 927-936.	0.7	24
2	Rapid suppression of 7-dehydrocholesterol reductase activity in keratinocytes by vitamin D. Journal of Steroid Biochemistry and Molecular Biology, 2015, 148, 64-71.	1.2	16
3	New insights into the role of cytochrome P450 reductase (POR) in microsomal redox biology. Acta Pharmaceutica Sinica B, 2012, 2, 102-106.	5.7	22
4	Phosphorylation of hepatic AMP-activated protein kinase and liver kinase B1 is increased after a single oral dose of green tea extract to mice. Nutrition Research, 2012, 32, 985-990.	1.3	30
5	7-Dehydrocholesterol reductase activity is independent of cytochrome P450 reductase. Journal of Steroid Biochemistry and Molecular Biology, 2011, 127, 435-438.	1.2	8
6	Activation of AMP-kinase by Policosanol Requires Peroxisomal Metabolism. Lipids, 2011, 46, 311-321.	0.7	27
7	Suppression of Cytochrome P450 Reductase (POR) Expression in Hepatoma Cells Replicates the Hepatic Lipidosis Observed in Hepatic POR-Null Mice. Drug Metabolism and Disposition, 2011, 39, 966-973.	1.7	16
8	Chlorzoxazone hydroxylation in microsomes and hepatocytes from cytochrome P450 oxidoreductaseâ€null mice. Journal of Biochemical and Molecular Toxicology, 2009, 23, 357-363.	1.4	11
9	Green and black tea extracts inhibit HMG-CoA reductase and activate AMP kinase to decrease cholesterol synthesis in hepatoma cells. Journal of Nutritional Biochemistry, 2009, 20, 816-822.	1.9	59
10	Hepatic cytochrome P450 reductase-null mice reveal a second microsomal reductase for squalene monooxygenase. Archives of Biochemistry and Biophysics, 2007, 461, 76-84.	1.4	16
11	Inhibition of Sterol 4Î±-Methyl Oxidase Is the Principal Mechanism by Which Garlic Decreases Cholesterol Synthesis. Journal of Nutrition, 2006, 136, 759S-764S.	1.3	47
12	Policosanol Inhibits Cholesterol Synthesis in Hepatoma Cells by Activation of AMP-Kinase. Journal of Pharmacology and Experimental Therapeutics, 2006, 318, 1020-1026.	1.3	134
13	Supernatant protein factor stimulates HMG-CoA reductase in cell culture and in vitro. Archives of Biochemistry and Biophysics, 2005, 433, 474-480.	1.4	22
14	Supernatant protein factor requires phosphorylation and interaction with Golgi to stimulate cholesterol synthesis in hepatoma cells. Archives of Biochemistry and Biophysics, 2005, 435, 175-181.	1.4	11
15	JUD COON: 35 YEARS OF P450 RESEARCH, A SYNOPSIS OF P450 HISTORY. Drug Metabolism and Disposition, 2004, 32, 1-6.	1.7	19
16	Rat supernatant protein factor-like protein (SPF2) stimulates squalene monooxygenase and is activated by protein kinase A. Biochemical and Biophysical Research Communications, 2004, 316, 688-692.	1.0	9
17	Supernatant protein factor and tocopherol-associated protein: an unexpected link between cholesterol synthesis and vitamin E (review). Journal of Nutritional Biochemistry, 2003, 14, 3-6.	1.9	34
18	Is tocopherol associated protein a misnomer: Reply. Journal of Nutritional Biochemistry, 2003, 14, 423.	1.9	0

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19	Cytochrome b5 reductase and cytochrome b5 support the CYP2E1-mediated activation of nitrosamines in a recombinant Ames test. Archives of Biochemistry and Biophysics, 2003, 412, 147-152.	1.4	18
20	Phosphorylation of Supernatant Protein Factor Enhances Its Ability to Stimulate Microsomal Squalene Monooxygenase. Journal of Biological Chemistry, 2003, 278, 5646-5651.	1.6	22
21	Modification of the Nucleotide Cofactor-binding Site of Cytochrome P-450 Reductase to Enhance Turnover with NADH in Vivo. Journal of Biological Chemistry, 2002, 277, 48960-48964.	1.6	40
22	Inhibition of human squalene monooxygenase by selenium compounds. Journal of Biochemical and Molecular Toxicology, 2002, 16, 18-23.	1.4	50
23	The roles of cytochromeb5 in cytochrome P450 reactions. Journal of Biochemical and Molecular Toxicology, 2002, 16, 311-316.	1.4	163
24	Resveratrol inhibits human squalene monooxygenase. Nutrition Research, 2001, 21, 747-753.	1.3	19
25	Garlic and Garlic-Derived Compounds Inhibit Human Squalene Monooxygenase. Journal of Nutrition, 2001, 131, 1662-1667.	1.3	109
26	Cytochrome b5 coexpression increases the CYP2E1-dependent mutagenicity of dialkylnitrosamines in methyltransferase-deficient strains of Salmonella typhimurium. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2001, 484, 61-68.	0.4	16
27	Inhibition of human squalene monooxygenase by tellurium compounds: evidence of interaction with vicinal sulfhydryls. Journal of Lipid Research, 2001, 42, 235-240.	2.0	87
28	Mutagenicity of nitrosamines in methyltransferase-deficient strains of Salmonella typhimurium coexpressing human cytochrome P450 2E1 and reductase. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2000, 454, 45-52.	0.4	20
29	Cloning, Heterologous Expression, and Enzymological Characterization of Human Squalene Monooxygenase. Archives of Biochemistry and Biophysics, 2000, 374, 381-388.	1.4	92
30	STRATEGIES TO ENHANCE THE COEXPRESSION OF CYTOCHROME P450 2E1 AND REDUCTASE IN BACTERIA*. Drug Metabolism Reviews, 1999, 31, 159-174.	1.5	6
31	Coexpression of Mammalian Cytochrome P450 and Reductase inEscherichia coli. Archives of Biochemistry and Biophysics, 1996, 327, 254-259.	1.4	43
32	Correlation between codon usage, regional genomic nucleotide composition, and amino acid composition in the cytochrome P-450 gene superfamily. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1995, 1261, 394-400.	2.4	21
33	Mutagenesis at a Highly Conserved Phenylalanine in Cytochrome P450 2E1 Affects Heme Incorporation and Catalytic Activity. Biochemistry, 1994, 33, 5942-5946.	1.2	20
34	An unusual yet strongly conserved flavoprotein reductase in bacteria and mammals. Trends in Biochemical Sciences, 1991, 16, 154-158.	3.7	139
35	[11] Expression of mammalian P450s in Escherichia coli. Methods in Enzymology, 1991, 206, 108-116.	0.4	43
36	NADPH-cytochrome P-450 oxidoreductase gene organization correlates with structural domains of the protein. Biochemistry, 1990, 29, 9814-9818.	1.2	80

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37	Expression of rabbit cytochrome P-450IIE2 in yeast and stabilization of the enzyme by 4-methylpyrazole. Biochemical and Biophysical Research Communications, 1990, 172, 1331-1337.	1.0	15
38	Isolation and partial characterization of the gene for cytochrome P-450 3a (P-450ALC) and a second closely related gene. Biochemical and Biophysical Research Communications, 1988, 150, 10-17.	1.0	14
39	Expression of a functional 78,000 dalton mammalian flavoprotein, NADPH-cytochrome P-450 oxidoreductase, in Escherichia coli. Archives of Biochemistry and Biophysics, 1987, 254, 353-367.	1.4	72
40	Complementary DNA and amino acid sequence of rat liver microsomal, xenobiotic epoxide hydrolase. Archives of Biochemistry and Biophysics, 1986, 248, 121-129.	1.4	80
41	NADPH-cytochrome P-450 oxidoreductase: flavin mononucleotide and flavin adenine dinucleotide domains evolved from different flavoproteins. Biochemistry, 1986, 25, 1682-1687.	1.2	265