

# Chul-Ho Yun

## List of Publications by Year in descending order

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159  
papers

4,133  
citations

126907

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155660

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162  
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162  
docs citations

162  
times ranked

3999  
citing authors

#	ARTICLE	IF	CITATIONS
1	P450-driven plastic-degrading synthetic bacteria. <i>Trends in Biotechnology</i> , 2022, 40, 166-179.	9.3	36
2	Production of 3,4-dihydroxy-L-phenylalanine using novel tyrosinases from <i>Bacillus megaterium</i> . <i>Enzyme and Microbial Technology</i> , 2022, 160, 110069.	3.2	3
3	Regioselective Hydroxylation of Oleanolic Acid Catalyzed by Human CYP3A4 to Produce Hederagenin, a Chiral Metabolite. <i>Catalysts</i> , 2021, 11, 267.	3.5	3
4	Cyclophilin A is an endogenous ligand for the triggering receptor expressed on myeloid cells 2 (TREM2). <i>FASEB Journal</i> , 2021, 35, e21479.	0.5	9
5	Effects of Shengmai San on key enzymes involved in hepatic and intestinal drug metabolism in rats. <i>Journal of Ethnopharmacology</i> , 2021, 271, 113914.	4.1	6
6	Covalent Positioning of Single DNA Molecules for Nanopatterning. <i>Nanomaterials</i> , 2021, 11, 1725.	4.1	0
7	Solar-Powered Whole-Cell P450 Catalytic Platform for C-Hydroxylation Reactions. <i>ChemSusChem</i> , 2021, 14, 3054-3058.	6.8	18
8	Solar-Powered Whole-Cell P450 Catalytic Platform for C-Hydroxylation Reactions. <i>ChemSusChem</i> , 2021, 14, 3030-3030.	6.8	0
9	Enzymatic Production of 3-OH Phlorizin, a Possible Bioactive Polyphenol from Apples, by <i>Bacillus megaterium</i> CYP102A1 via Regioselective Hydroxylation. <i>Antioxidants</i> , 2021, 10, 1327.	5.1	7
10	Biodegradation of polystyrene by bacteria from the soil in common environments. <i>Journal of Hazardous Materials</i> , 2021, 416, 126239.	12.4	50
11	A Novel Statin Compound from Monacolin J Produced Using CYP102A1-Catalyzed Regioselective C-Hydroxylation. <i>Pharmaceuticals</i> , 2021, 14, 981.	3.8	3
12	Production of a Human Metabolite of Atorvastatin by Bacterial CYP102A1 Peroxygenase. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 603.	2.5	9
13	Regioselective Hydroxylation of Rhododendrol by CYP102A1 and Tyrosinase. <i>Catalysts</i> , 2020, 10, 1114.	3.5	5
14	Screening of Human CYP1A2 and CYP3A4 Inhibitors from Seaweed In Silico and In Vitro. <i>Marine Drugs</i> , 2020, 18, 603.	4.6	21
15	Regioselective Hydroxylation of Naringin Dihydrochalcone to Produce Neeriocitrin Dihydrochalcone by CYP102A1 (BM3) Mutants. <i>Catalysts</i> , 2020, 10, 823.	3.5	8
16	Promoted ABA Hydroxylation by <i>Capsicum annuum</i> CYP707As Overexpression Suppresses Pollen Maturation in <i>Nicotiana tabacum</i> . <i>Frontiers in Plant Science</i> , 2020, 11, 583767.	3.6	9
17	Regioselective Hydroxylation of Phloretin, a Bioactive Compound from Apples, by Human Cytochrome P450 Enzymes. <i>Pharmaceuticals</i> , 2020, 13, 330.	3.8	11
18	Biocatalytic Production of a Potent Inhibitor of Adipocyte Differentiation from Phloretin Using Engineered CYP102A1. <i>Journal of Agricultural and Food Chemistry</i> , 2020, 68, 6683-6691.	5.2	17

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19	Extracts from <i>Erythronium japonicum</i> and <i>Corylopsis coreana</i> Uyeki reduce 1,3-dichloro-2-propanol-mediated oxidative stress in human hepatic cells. <i>Food Science and Biotechnology</i> , 2019, 28, 175-180.	2.6	5
20	TREM2 Acts as a Tumor Suppressor in Colorectal Carcinoma through Wnt1/ $\beta$ <sup>2</sup> -catenin and Erk Signaling. <i>Cancers</i> , 2019, 11, 1315.	3.7	24
21	Axl is a key regulator of intestinal $\beta$ -cell homeostasis. <i>FASEB Journal</i> , 2019, 33, 13386-13397.	0.5	4
22	Regioselective hydroxylation pathway of tenatoprazole to produce human metabolites by <i>Bacillus megaterium</i> CYP102A1. <i>Process Biochemistry</i> , 2019, 87, 95-104.	3.7	6
23	Solar-driven biocatalytic C-hydroxylation through direct transfer of photoinduced electrons. <i>Green Chemistry</i> , 2019, 21, 515-525.	9.0	19
24	Regioselectivity significantly impacts microsomal glucuronidation efficiency of R/S-6, 7-, and 8-hydroxywarfarin. <i>Xenobiotica</i> , 2019, 49, 397-403.	1.1	4
25	Cationic Nanoparticles Containing Cationic Peptide Cargo Synergistically Induce Cellular Reactive Oxygen Species and Cell Death in HepG2 Cells. <i>International Journal of Peptide Research and Therapeutics</i> , 2019, 25, 323-327.	1.9	2
26	Application of <i>Solanum lycopersicum</i> Glucose-6-phosphate Dehydrogenase to NADPH-generating System for Cytochrome P450 Reactions. <i>Microbiology and Biotechnology Letters</i> , 2019, 47, 536-545.	0.4	0
27	Structural and biochemical analyses reveal ubiquitin C-terminal hydrolase-L1 as a specific client of the peroxiredoxin II chaperone. <i>Archives of Biochemistry and Biophysics</i> , 2018, 640, 61-74.	3.0	5
28	Structural insights into the binding of lauric acid to CYP107L2 from <i>Streptomyces avermitilis</i> . <i>Biochemical and Biophysical Research Communications</i> , 2017, 482, 902-908.	2.1	6
29	Peroxide-dependent oxidation reactions catalyzed by CYP191A1 from <i>Mycobacterium smegmatis</i> . <i>Biotechnology Letters</i> , 2017, 39, 1245-1252.	2.2	3
30	Heme- $\epsilon$ -thiolate sulfenylation of human cytochrome P450 4A11 functions as a redox switch for catalytic inhibition. <i>Journal of Biological Chemistry</i> , 2017, 292, 11230-11242.	3.4	23
31	Highly regioselective hydroxylation of polydatin, a resveratrol glucoside, for one-step synthesis of astringin, a piceatannol glucoside, by P450 BM3. <i>Enzyme and Microbial Technology</i> , 2017, 97, 34-42.	3.2	23
32	Regioselective C-H hydroxylation of omeprazole sulfide by <i>Bacillus megaterium</i> CYP102A1 to produce a human metabolite. <i>Biotechnology Letters</i> , 2017, 39, 105-112.	2.2	13
33	Characterization of a Biflavolin Synthase CYP158A3 from <i>Streptomyces avermitilis</i> and Its Role in the Biosynthesis of Secondary Metabolites. <i>Biomolecules and Therapeutics</i> , 2017, 25, 171-176.	2.4	10
34	Biochemical analysis of recombinant CYP4A11 allelic variant enzymes: W126R, K276T and S353G. <i>Drug Metabolism and Pharmacokinetics</i> , 2016, 31, 445-450.	2.2	2
35	Role of Leu188 in the Fatty Acid Hydroxylase Activity of CYP102A1 from <i>Bacillus megaterium</i> . <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016, 133, 35-42.	1.8	6
36	Cargo-Free Nanoparticles Containing Cationic Lipids Induce Reactive Oxygen Species and Cell Death in HepG2 Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2016, 39, 1338-1346.	1.4	18

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37	Selenium supplementation restores the decreased albumin level of peripheral blood mononuclear cells in streptozotocin-induced diabetic mice. <i>Journal of Veterinary Medical Science</i> , 2016, 78, 669-674.	0.9	2
38	Transformation of <i>Escherichia coli</i> and protein expression using lipoplex mimicry. <i>Protein Expression and Purification</i> , 2016, 127, 68-72.	1.3	5
39	Structural Analysis of the <i>Streptomyces avermitilis</i> CYP107W1-Oligomycin A Complex and Role of the Tryptophan 178 Residue. <i>Molecules and Cells</i> , 2016, 39, 211-216.	2.6	11
40	Co-factor-free light-driven whole-cell cytochrome P450 catalysis (Angew. Chem.)	2.0	0
41	Triggering Receptor Expressed on Myeloid Cells 2 (TREM2) Promotes Adipogenesis and Diet-Induced Obesity. <i>Diabetes</i> , 2015, 64, 117-127.	0.6	52
42	Functional characterization of CYP107W1 from <i>Streptomyces avermitilis</i> and biosynthesis of macrolide oligomycin A. <i>Archives of Biochemistry and Biophysics</i> , 2015, 575, 1-7.	3.0	23
43	Effects of aqueous extract of <i>Ruta graveolens</i> and its ingredients on cytochrome P450, uridine diphosphate (UDP)-glucuronosyltransferase, and reduced nicotinamide adenine dinucleotide (phosphate) (NAD(P)H)-quinone oxidoreductase in mice. <i>Journal of Food and Drug Analysis</i> , 2015, 23, 516-528.	1.9	12
44	Co-factor-free light-driven whole-cell cytochrome P450 catalysis. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 969-973.	13.8	83
45	Functional characterization of steroid hydroxylase CYP106A1 derived from <i>Bacillus megaterium</i> . <i>Archives of Pharmacal Research</i> , 2015, 38, 98-107.	6.3	19
46	Functional Significance of Cytochrome P450 1A2 Allelic Variants, P450 1A2*8, *15, and *16 (R456H, P42R,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.4	5
47	Regioselective hydroxylation of 17 $\beta$ -estradiol by mutants of CYP102A1 from <i>Bacillus megaterium</i> . <i>Biotechnology Letters</i> , 2014, 36, 2501-2506.	2.2	14
48	Chimeric cytochromes P450 engineered by domain swapping and random mutagenesis for producing human metabolites of drugs. <i>Biotechnology and Bioengineering</i> , 2014, 111, 1313-1322.	3.3	34
49	The role of cytochrome P450 2B6 and 2B4 substrate access channel residues predicted based on crystal structures of the amlodipine complexes. <i>Archives of Biochemistry and Biophysics</i> , 2014, 545, 100-107.	3.0	15
50	Bacterial $\beta$ -(1,3)-glucan prevents DSS-induced IBD by restoring the reduced population of regulatory T cells. <i>Immunobiology</i> , 2014, 219, 802-812.	1.9	37
51	Kinetic Analysis of Lauric Acid Hydroxylation by Human Cytochrome P450 4A11. <i>Biochemistry</i> , 2014, 53, 6161-6172.	2.5	28
52	Regioselective Hydroxylation of Omeprazole Enantiomers by Bacterial CYP102A1 Mutants. <i>Drug Metabolism and Disposition</i> , 2014, 42, 1493-1497.	3.3	18
53	Inhibition of CYP4A Reduces Hepatic Endoplasmic Reticulum Stress and Features of Diabetes in Mice. <i>Gastroenterology</i> , 2014, 147, 860-869.	1.3	47
54	Affinity purification of recombinant human cytochrome P450s 3A4 and 1A2 using mixed micelle systems. <i>Protein Expression and Purification</i> , 2014, 101, 37-41.	1.3	2

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55	Heterologous expression and functional characterization of the NADPH-cytochrome P450 reductase from <i>Capsicum annuum</i> . <i>Plant Physiology and Biochemistry</i> , 2014, 82, 116-122.	5.8	22
56	Decreased Level of Albumin in Peripheral Blood Mononuclear Cells of Streptozotocin-Induced Diabetic Rats. <i>Journal of Veterinary Medical Science</i> , 2014, 76, 1087-1092.	0.9	14
57	Functional influence of human CYP2D6 allelic variations: P34S, E418K, S486T, and R296C. <i>Archives of Pharmacal Research</i> , 2013, 36, 1500-1506.	6.3	16
58	Estrogen-related receptor $\hat{1}^3$ controls hepatic CB <sub>1</sub> receptor-mediated CYP2E1 expression and oxidative liver injury by alcohol. <i>Gut</i> , 2013, 62, 1044-1054.	12.1	64
59	Predicting CYP2C19 catalytic parameters for enantioselective oxidations using artificial neural networks and a chirality code. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 3749-3759.	3.0	8
60	Differential gene expression profiles in spontaneously hypertensive rats induced by administration of enalapril and nifedipine. <i>International Journal of Molecular Medicine</i> , 2013, 31, 179-187.	4.0	10
61	Metabolism of R- and S-Warfarin by CYP2C19 into Four Hydroxywarfarins. <i>Drug Metabolism Letters</i> , 2013, 6, 157-164.	0.8	36
62	Increase of human CYP1B1 activities by acidic phospholipids and kinetic deuterium isotope effects on CYP1B1 substrate oxidation. <i>Journal of Biochemistry</i> , 2012, 152, 433-442.	1.7	0
63	Functional Characterization of Allelic Variants of Polymorphic Human Cytochrome P450 2A6 (CYP2A6*5, *7, *8, *18, *19, and *35). <i>Biological and Pharmaceutical Bulletin</i> , 2012, 35, 394-399.	1.4	26
64	Bacillus spore display. <i>Trends in Biotechnology</i> , 2012, 30, 610-612.	9.3	19
65	A dual function of the furanocoumarin cholepsin in inhibiting Cyp2a and inducing Cyp2b in mice: the protein stabilization and receptor-mediated activation. <i>Archives of Toxicology</i> , 2012, 86, 1927-1938.	4.2	9
66	Directed Evolution Reveals Requisite Sequence Elements in the Functional Expression of P450 2F1 in <i>Escherichia coli</i> . <i>Chemical Research in Toxicology</i> , 2012, 25, 1964-1974.	3.3	16
67	Crystal structure of cytochrome P450 CYP105N1 from <i>Streptomyces coelicolor</i> , an oxidase in the coelibactin siderophore biosynthetic pathway. <i>Archives of Biochemistry and Biophysics</i> , 2012, 528, 111-117.	3.0	21
68	Interleukin-24 attenuates $\hat{1}^2$ -glycerophosphate-induced calcification of vascular smooth muscle cells by inhibiting apoptosis, the expression of calcification and osteoblastic markers, and the Wnt/ $\hat{1}^2$ -catenin pathway. <i>Biochemical and Biophysical Research Communications</i> , 2012, 428, 50-55.	2.1	31
69	Doxorubicin- and Daunorubicin-Induced Regulation of Ca <sup>2+</sup> and H <sup>+</sup> Fluxes Through Human Bax Inhibitor-1 Reconstituted into Membranes. <i>Journal of Pharmaceutical Sciences</i> , 2012, 101, 1314-1326.	3.3	10
70	Effects of phospholipids on the functional regulation of tBID in membranes. <i>Molecular and Cellular Biochemistry</i> , 2012, 363, 395-408.	3.1	7
71	Potential in vitro Protective Effect of Quercetin, Catechin, Caffeic Acid and Phytic Acid against Ethanol-Induced Oxidative Stress in SK-Hep-1 Cells. <i>Biomolecules and Therapeutics</i> , 2012, 20, 492-498.	2.4	31
72	The Flavin-Containing Reductase Domain of Cytochrome P450 BM3 Acts as a Surrogate for Mammalian NADPH-P450 Reductase. <i>Biomolecules and Therapeutics</i> , 2012, 20, 562-568.	2.4	7

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73	Generation of Human Chiral Metabolites of Simvastatin and Lovastatin by Bacterial CYP102A1 Mutants. <i>Drug Metabolism and Disposition</i> , 2011, 39, 140-150.	3.3	39
74	Heterologous expression and characterization of the sterol 14 $\alpha$ -demethylase CYP51F1 from <i>Candida albicans</i> . <i>Archives of Biochemistry and Biophysics</i> , 2011, 509, 9-15.	3.0	25
75	Characterization of diverse natural variants of CYP102A1 found within a species of <i>Bacillus megaterium</i> . <i>AMB Express</i> , 2011, 1, 1.	3.0	107
76	Expression of CYP2A6, CYP2D6 and CYP4A11 Polymorphisms in COS7 Mammalian Cell Line. <i>Toxicological Research</i> , 2011, 27, 25-29.	2.1	1
77	Contribution of Three CYP3A Isoforms to Metabolism of R- and S-Warfarin. <i>Drug Metabolism Letters</i> , 2010, 4, 213-219.	0.8	16
78	Molecular Mechanisms Regulating the Mitochondrial Targeting of Microsomal Cytochrome P450 Enzymes. <i>Current Drug Metabolism</i> , 2010, 11, 830-838.	1.2	15
79	Oxidation of human cytochrome P450 1A2 substrates by <i>Bacillus megaterium</i> cytochrome P450 BM3. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2010, 63, 179-187.	1.8	22
80	Cardiolipin, phosphatidylserine, and BH4 domain of Bcl-2 family regulate Ca <sup>2+</sup> /H <sup>+</sup> antiporter activity of human Bax inhibitor-1. <i>Cell Calcium</i> , 2010, 47, 387-396.	2.4	32
81	Beta sheet $\alpha$ helix C loop of cytochrome P450 reductase serves as a docking site for redox partners. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2010, 1804, 1285-1293.	2.3	21
82	Engineering Bacterial Cytochrome P450 (P450) BM3 into a Prototype with Human P450 Enzyme Activity Using Indigo Formation. <i>Drug Metabolism and Disposition</i> , 2010, 38, 732-739.	3.3	50
83	Hydroxywarfarin Metabolites Potently Inhibit CYP2C9 Metabolism of S-Warfarin. <i>Chemical Research in Toxicology</i> , 2010, 23, 939-945.	3.3	35
84	Functional and conformational modulation of human cytochrome P450 1B1 by anionic phospholipids. <i>Archives of Biochemistry and Biophysics</i> , 2010, 493, 143-150.	3.0	20
85	Surface Display of Heme- and Diflavin-Containing Cytochrome P450 BM3 in <i>Escherichia coli</i> : A Whole-Cell Biocatalyst for Oxidation. <i>Journal of Microbiology and Biotechnology</i> , 2010, 20, 712-717.	2.1	43
86	Novel Protective Mechanism against Irreversible Hyperoxidation of Peroxiredoxin. <i>Journal of Biological Chemistry</i> , 2009, 284, 13455-13465.	3.4	43
87	Generation of the Human Metabolite Piceatannol from the Anticancer-Preventive Agent Resveratrol by Bacterial Cytochrome P450 BM3. <i>Drug Metabolism and Disposition</i> , 2009, 37, 932-936.	3.3	73
88	ROS inhibit the expression of testicular steroidogenic enzyme genes via the suppression of Nur77 transactivation. <i>Free Radical Biology and Medicine</i> , 2009, 47, 1591-1600.	2.9	74
89	Conformational Change of <i>Escherichia coli</i> Signal Recognition Particle Ffh Is Affected by the Functionality of Signal Peptides of Ribose-Binding Protein. <i>Molecules and Cells</i> , 2009, 27, 681-688.	2.6	2
90	Continuous spectrofluorometric and spectrophotometric assays for NADPH-cytochrome P450 reductase activity using 5-cyano-2,3-ditoyl tetrazolium chloride. <i>Biotechnology Letters</i> , 2009, 31, 271-275.	2.2	6

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91	Effect of nonlamellar-prone lipids on protein encapsulation in liposomes. <i>Macromolecular Research</i> , 2009, 17, 956-962.	2.4	6
92	Ca <sup>2+</sup> /H <sup>+</sup> antiporter-like activity of human recombinant Bax inhibitor-1 reconstituted into liposomes. <i>FEBS Journal</i> , 2009, 276, 2285-2291.	4.7	30
93	Functional expression in <i>Bacillus subtilis</i> of mammalian NADPH-cytochrome P450 oxidoreductase and its spore-display. <i>Protein Expression and Purification</i> , 2009, 63, 5-11.	1.3	25
94	Refolding and reconstitution of human recombinant Bax inhibitor-1 into liposomes from inclusion bodies expressed in <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2009, 66, 35-38.	1.3	4
95	Ca <sup>2+</sup> -induced stimulation of the membrane binding of <i>Escherichia coli</i> SecA and its association with signal peptides of secretory proteins. <i>Archives of Biochemistry and Biophysics</i> , 2009, 486, 125-131.	3.0	1
96	Self-Sufficient Catalytic System of Human Cytochrome P450 4A11 and NADPH-P450 Reductase. <i>Biomolecules and Therapeutics</i> , 2009, 17, 156-161.	2.4	10
97	Aspartyl aminopeptidase of <i>Schizosaccharomyces pombe</i> has a molecular chaperone function. <i>BMB Reports</i> , 2009, 42, 812-816.	2.4	5
98	Effects of epitope sequence tandem repeat and proline incorporation on polyclonal antibody production against cytochrome 1A2 and 3A4. <i>BMB Reports</i> , 2009, 42, 418-420.	2.4	1
99	Anionic phospholipid-induced regulation of reactive oxygen species production by human cytochrome P450 2E1. <i>FEBS Letters</i> , 2008, 582, 1771-1776.	2.8	16
100	Heterologous expression and characterization of wild-type human cytochrome P450 1A2 without conventional N-terminal modification in <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2008, 57, 188-200.	1.3	28
101	Lysophosphatidylserine-induced functional switch of human cytochrome P450 1A2 and 2E1 from monooxygenase to phospholipase D. <i>Biochemical and Biophysical Research Communications</i> , 2008, 376, 584-589.	2.1	10
102	An NH <sub>2</sub> -terminal truncated cytochrome P450 CYP3A4 showing catalytic activity is present in the cytoplasm of human liver cells. <i>Experimental and Molecular Medicine</i> , 2008, 40, 254.	7.7	8
103	Generation of Human Metabolites of 7-Ethoxycoumarin by Bacterial Cytochrome P450 BM3. <i>Drug Metabolism and Disposition</i> , 2008, 36, 2166-2170.	3.3	53
104	Functional Regulation of Hepatic Cytochrome P450 Enzymes by Physicochemical Properties of Phospholipids in Biological Membranes. <i>Current Protein and Peptide Science</i> , 2007, 8, 496-505.	1.4	13
105	Mechanism-Based Inactivation of Cytochrome P450 2A6 by Decursinol Angelate Isolated from <i>Angelica Gigas</i> . <i>Drug Metabolism and Disposition</i> , 2007, 35, 1759-1765.	3.3	23
106	Lateral segregation of anionic phospholipids in model membranes induced by cytochrome P450 2B1: Bi-directional coupling between CYP2B1 and anionic phospholipid. <i>Archives of Biochemistry and Biophysics</i> , 2007, 468, 226-233.	3.0	9
107	Suppression of interleukin-2 gene expression by isoeugenol is mediated through down-regulation of NF-AT and NF- $\kappa$ B. <i>International Immunopharmacology</i> , 2007, 7, 1251-1258.	3.8	24
108	The bacterial P450 BM3: a prototype for a biocatalyst with human P450 activities. <i>Trends in Biotechnology</i> , 2007, 25, 289-298.	9.3	84

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109	Production of polyclonal antibodies against peptide antigens using polystyrene beads as a carrier. <i>Biotechnology Letters</i> , 2007, 29, 1735-1740.	2.2	2
110	Tissue-specific effect of ascorbic acid supplementation on the expression of cytochrome P450 2E1 and oxidative stress in streptozotocin-induced diabetic rats. <i>Toxicology Letters</i> , 2006, 166, 27-36.	0.8	37
111	Functional expression of mammalian NADPH-cytochrome P450 oxidoreductase on the cell surface of <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2006, 49, 292-298.	1.3	29
112	Inhibitory effect of anethole on T-lymphocyte proliferation and interleukin-2 production through down-regulation of the NF-AT and AP-1. <i>Toxicology in Vitro</i> , 2006, 20, 1098-1105.	2.4	34
113	Kinetic deuterium isotope effects for 7-alkoxycoumarin O-dealkylation reactions catalyzed by human cytochromes P450 and in liver microsomes. Rate-limiting C-H bond breaking in cytochrome P450 1A2 substrate oxidation. <i>FEBS Journal</i> , 2006, 273, 2223-2231.	4.7	25
114	Functional Expression of Human Cytochrome P450 Enzymes in <i>Escherichia coli</i> . <i>Current Drug Metabolism</i> , 2006, 7, 411-429.	1.2	67
115	Temperature effect on the functional expression of human cytochromes P450 2A6 and 2E1 in <i>Escherichia coli</i> . <i>Archives of Pharmacal Research</i> , 2005, 28, 433-437.	6.3	3
116	Kinetic Analysis of Oxidation of Coumarins by Human Cytochrome P450 2A6. <i>Journal of Biological Chemistry</i> , 2005, 280, 12279-12291.	3.4	87
117	Involvement of Nonlamellar-Prone Lipids in the Stability Increase of Human Cytochrome P450 1A2 in Reconstituted Membranes. <i>Biochemistry</i> , 2005, 44, 9188-9196.	2.5	19
118	Inhibition of human cytochrome P450 3A4 activity by zinc(II) ion. <i>Toxicology Letters</i> , 2005, 156, 341-350.	0.8	7
119	A Continuous Spectrophotometric Assay for NADPH-cytochrome P450 Reductase Activity Using 3-(4,5-Dimethylthiazol-2-yl)-2,5-diphenyltetrazolium Bromide. <i>BMB Reports</i> , 2005, 38, 366-369.	2.4	23
120	Improved long-term cryostorage of <i>Escherichia coli</i> competent cells using trehalose. <i>Biotechnology Letters</i> , 2004, 26, 1593-1594.	2.2	1
121	High-level expression of human cytochrome P450 3A4 by co-expression with Human molecular chaperone HDJ-1 (Hsp40). <i>Archives of Pharmacal Research</i> , 2004, 27, 319-323.	6.3	12
122	Trehalose increases chemical-induced transformation efficiency of <i>Escherichia coli</i> . <i>Analytical Biochemistry</i> , 2004, 333, 199-200.	2.4	3
123	Non-specific inhibition of human cytochrome P450-catalyzed reactions by hemin. <i>Toxicology Letters</i> , 2004, 153, 239-246.	0.8	9
124	Enhanced expression of human cytochrome P450 1A2 by co-expression with human molecular chaperone Hsp70. <i>Toxicology Letters</i> , 2004, 153, 267-272.	0.8	10
125	High-level expression of human cytochrome P450 1A2 by co-expression with human molecular chaperone HDJ-1(Hsp40). <i>Protein Expression and Purification</i> , 2004, 36, 48-52.	1.3	10
126	A Continuous Spectrophotometric Assay for NADPH-cytochrome P450 Reductase Activity Using 1,1-Diphenyl-2-Picrylhydrazyl. <i>BMB Reports</i> , 2004, 37, 629-633.	2.4	23



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127	Roles of human liver cytochrome P450 3A4 and 1A2 enzymes in the oxidation of myristicin. <i>Toxicology Letters</i> , 2003, 137, 143-150.	0.8	26
128	Membrane Properties Induced by Anionic Phospholipids and Phosphatidylethanolamine Are Critical for the Membrane Binding and Catalytic Activity of Human Cytochrome P450 3A4. <i>Biochemistry</i> , 2003, 42, 15377-15387.	2.5	61
129	Differential Effect of Copper (II) on the Cytochrome P450 Enzymes and NADPH-Cytochrome P450 Reductase: Inhibition of Cytochrome P450-Catalyzed Reactions by Copper (II) Ion. <i>Biochemistry</i> , 2002, 41, 9438-9447.	2.5	38
130	Polyacrylamide Gel Electrophoresis without a Stacking Gel: Application for Separation of Peptides. <i>Analytical Biochemistry</i> , 2002, 305, 277-279.	2.4	8
131	Development of Peptide Substrates for Trypsin Based on Monomer/Excimer Fluorescence of Pyrene. <i>Analytical Biochemistry</i> , 2002, 306, 247-251.	2.4	20
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