

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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#	ARTICLE	IF	CITATIONS
1	Cytochrome P450 2E1 and 2A6 enzymes as major catalysts for metabolic activation of N-nitrosodialkylamines and tobacco-related nitrosamines in human liver microsomes. <i>Carcinogenesis</i> , 1992, 13, 1789-1794.	2.8	369
2	Evidence for a 1-Electron Oxidation Mechanism in N-Dealkylation of N,N-Dialkylanilines by Cytochrome P450 2B1. <i>Journal of Biological Chemistry</i> , 1996, 271, 27321-27329.	3.4	155
3	Rate-Determining Steps in Phenacetin Oxidations by Human Cytochrome P450 1A2 and Selected Mutants. <i>Biochemistry</i> , 2000, 39, 11319-11329.	2.5	135
4	Identification of the Pharmacogenetic Determinants of Alfentanil Metabolism. <i>Anesthesiology</i> , 1992, 77, 467-474.	2.5	108
5	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
6	Kinetic Analysis of Oxidation of Coumarins by Human Cytochrome P450 2A6. <i>Journal of Biological Chemistry</i> , 2005, 280, 12279-12291.	3.4	87
7	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
8	Cofactor-Free Light-Driven Whole-Cell Cytochrome P450 Catalysis. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 969-973.	13.8	83
9	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
10	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
11	Non-specific inhibition of cytochrome P450 activities by chlorophyllin in human and rat liver microsomes. <i>Carcinogenesis</i> , 1995, 16, 1437-1440.	2.8	70
12	Membrane Insertion of Cytochrome P450 1A2 Promoted by Anionic Phospholipids. <i>Biochemistry</i> , 1998, 37, 12860-12866.	2.5	68
13	Functional Expression of Human Cytochrome P450 Enzymes in <i>Escherichia coli</i> . <i>Current Drug Metabolism</i> , 2006, 7, 411-429.	1.2	67
14	Estrogen-related receptor β controls hepatic CB ₁ receptor-mediated CYP2E1 expression and oxidative liver injury by alcohol. <i>Gut</i> , 2013, 62, 1044-1054.	12.1	64
15	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
16	Interaction of Human Thiol-Specific Antioxidant Protein 1 with Erythrocyte Plasma Membrane. <i>Biochemistry</i> , 2000, 39, 6944-6950.	2.5	60
17	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
18	Triggering Receptor Expressed on Myeloid Cells 2 (TREM2) Promotes Adipogenesis and Diet-Induced Obesity. <i>Diabetes</i> , 2015, 64, 117-127.	0.6	52

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19	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
20	Biodegradation of polystyrene by bacteria from the soil in common environments. <i>Journal of Hazardous Materials</i> , 2021, 416, 126239.	12.4	50
21	Inhibition of CYP4A Reduces Hepatic Endoplasmic Reticulum Stress and Features of Diabetes in Mice. <i>Gastroenterology</i> , 2014, 147, 860-869.	1.3	47
22	Induction of Rat Hepatic Cytochrome P450 Enzymes by Myristicin. <i>Biochemical and Biophysical Research Communications</i> , 1995, 217, 966-971.	2.1	46
23	Novel Protective Mechanism against Irreversible Hyperoxidation of Peroxiredoxin. <i>Journal of Biological Chemistry</i> , 2009, 284, 13455-13465.	3.4	43
24	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
25	Conformational Change and Activation of Cytochrome P450 2B1 Induced by Salt and Phospholipid. <i>Archives of Biochemistry and Biophysics</i> , 1998, 356, 229-238.	3.0	42
26	Conformational Change of Cytochrome P450 1A2 Induced by Sodium Chloride. <i>Journal of Biological Chemistry</i> , 1996, 271, 31312-31316.	3.4	41
27	Oxidations of <i>o</i> -Alkoxyacylanilides Catalyzed by Human Cytochrome P450 1A2: Structure-Activity Relationships and Simulation of Rate Constants of Individual Steps in Catalysis. <i>Biochemistry</i> , 2001, 40, 4521-4530.	2.5	41
28	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
29	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
30	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
31	Bacterial β -D-(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
32	P450-driven plastic-degrading synthetic bacteria. <i>Trends in Biotechnology</i> , 2022, 40, 166-179.	9.3	36
33	Metabolism of R- and S-Warfarin by CYP2C19 into Four Hydroxywarfarins. <i>Drug Metabolism Letters</i> , 2013, 6, 157-164.	0.8	36
34	Contributions of human liver cytochrome P450 enzymes to the N-oxidation of 4,4'-methylene-bis(2-chloroaniline). <i>Carcinogenesis</i> , 1992, 13, 217-222.	2.8	35
35	Conformational Change of Cytochrome P450 1A2 Induced by Phospholipids and Detergents. <i>Journal of Biological Chemistry</i> , 1997, 272, 19725-19730.	3.4	35
36	Hydroxywarfarin Metabolites Potently Inhibit CYP2C9 Metabolism of S-Warfarin. <i>Chemical Research in Toxicology</i> , 2010, 23, 939-945.	3.3	35

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37	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
38	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
39	Cardiolipin, phosphatidylserine, and BH4 domain of Bcl-2 family regulate Ca ²⁺ /H ⁺ antiporter activity of human Bax inhibitor-1. <i>Cell Calcium</i> , 2010, 47, 387-396.	2.4	32
40	Interleukin-24 attenuates β -glycerophosphate-induced calcification of vascular smooth muscle cells by inhibiting apoptosis, the expression of calcification and osteoblastic markers, and the Wnt/ β -catenin pathway. <i>Biochemical and Biophysical Research Communications</i> , 2012, 428, 50-55.	2.1	31
41	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
42	Ca ²⁺ /H ⁺ antiporter-like activity of human recombinant Bax inhibitor-1 reconstituted into liposomes. <i>FEBS Journal</i> , 2009, 276, 2285-2291.	4.7	30
43	Phospholipase D Activity of Cytochrome P450 in Human Liver Endoplasmic Reticulum. <i>Archives of Biochemistry and Biophysics</i> , 1999, 367, 81-88.	3.0	29
44	Functional expression of mammalian NADPH-cytochrome P450 oxidoreductase on the cell surface of Escherichia coli. <i>Protein Expression and Purification</i> , 2006, 49, 292-298.	1.3	29
45	Polyacrylamide Gel Electrophoresis without a Stacking Gel: Use of Amino Acids as Electrolytes. <i>Analytical Biochemistry</i> , 2001, 291, 300-303.	2.4	28
46	Heterologous expression and characterization of wild-type human cytochrome P450 1A2 without conventional N-terminal modification in Escherichia coli. <i>Protein Expression and Purification</i> , 2008, 57, 188-200.	1.3	28
47	Kinetic Analysis of Lauric Acid Hydroxylation by Human Cytochrome P450 4A11. <i>Biochemistry</i> , 2014, 53, 6161-6172.	2.5	28
48	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
49	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
50	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
51	Functional expression in Bacillus subtilis of mammalian NADPH-cytochrome P450 oxidoreductase and its spore-display. <i>Protein Expression and Purification</i> , 2009, 63, 5-11.	1.3	25
52	Heterologous expression and characterization of the sterol 14 α -demethylase CYP51F1 from Candida albicans. <i>Archives of Biochemistry and Biophysics</i> , 2011, 509, 9-15.	3.0	25
53	Suppression of interleukin-2 gene expression by isoeugenol is mediated through down-regulation of NF-AT and NF- κ B. <i>International Immunopharmacology</i> , 2007, 7, 1251-1258.	3.8	24
54	TREM2 Acts as a Tumor Suppressor in Colorectal Carcinoma through Wnt1/ β -catenin and Erk Signaling. <i>Cancers</i> , 2019, 11, 1315.	3.7	24

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55	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
56	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
57	Heme- α -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
58	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
59	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
60	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
61	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
62	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
63	WHAT MAKES P450s WORK? SEARCHES FOR ANSWERS WITH KNOWN AND NEW P450s*. <i>Drug Metabolism Reviews</i> , 2000, 32, 267-281.	3.6	21
64	Beta sheet α 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
65	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
66	Screening of Human CYP1A2 and CYP3A4 Inhibitors from Seaweed In Silico and In Vitro. <i>Marine Drugs</i> , 2020, 18, 603.	4.6	21
67	Suppression of Cytochrome P450 (Cypl-1) Induction in Mouse Hepatoma Hepa-1c1c7 Cells by Methoxsalen. <i>Biochemical and Biophysical Research Communications</i> , 1995, 208, 1124-1130.	2.1	20
68	Development of Peptide Substrates for Trypsin Based on Monomer/Excimer Fluorescence of Pyrene. <i>Analytical Biochemistry</i> , 2002, 306, 247-251.	2.4	20
69	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
70	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
71	Bacillus spore display. <i>Trends in Biotechnology</i> , 2012, 30, 610-612.	9.3	19
72	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

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73	Solar-driven biocatalytic C-hydroxylation through direct transfer of photoinduced electrons. <i>Green Chemistry</i> , 2019, 21, 515-525.	9.0	19
74	Phase Properties of Liquid-Crystalline Phosphatidylcholine/Phosphatidylethanolamine Bilayers Revealed by Fluorescent Probes. <i>Archives of Biochemistry and Biophysics</i> , 1999, 369, 288-294.	3.0	18
75	Regioselective Hydroxylation of Omeprazole Enantiomers by Bacterial CYP102A1 Mutants. <i>Drug Metabolism and Disposition</i> , 2014, 42, 1493-1497.	3.3	18
76	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
77	Solar-Powered Whole-Cell P450 Catalytic Platform for C-Hydroxylation Reactions. <i>ChemSusChem</i> , 2021, 14, 3054-3058.	6.8	18
78	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
79	Identification of Cytochrome P450 1A1 in Human Brain. <i>Biochemical and Biophysical Research Communications</i> , 1998, 243, 808-810.	2.1	16
80	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
81	Contribution of Three CYP3A Isoforms to Metabolism of R- and S-Warfarin. <i>Drug Metabolism Letters</i> , 2010, 4, 213-219.	0.8	16
82	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
83	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
84	Induction of Liver Cytochrome-P450 2B1 by β -Ionone in Sprague-Dawley Rats. <i>Biochemical and Biophysical Research Communications</i> , 1995, 216, 198-202.	2.1	15
85	Identification of Cytochrome P450 2E1 in Rat Brain. <i>Biochemical and Biophysical Research Communications</i> , 1997, 231, 254-256.	2.1	15
86	Molecular Mechanisms Regulating the Mitochondrial Targeting of Microsomal Cytochrome P450 Enzymes. <i>Current Drug Metabolism</i> , 2010, 11, 830-838.	1.2	15
87	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
88	Effects of β -ionone on the expression of cytochrome P450s and NADPH-cytochrome P450 reductase in Sprague Dawley rats. <i>Chemico-Biological Interactions</i> , 1998, 114, 97-107.	4.0	14
89	Regioselective hydroxylation of 17β -estradiol by mutants of CYP102A1 from <i>Bacillus megaterium</i> . <i>Biotechnology Letters</i> , 2014, 36, 2501-2506.	2.2	14
90	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

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91	Effects of Lipids on the Interaction of SecA with Model Membranes. Archives of Biochemistry and Biophysics, 2001, 395, 14-20.	3.0	13
92	Functional Regulation of Hepatic Cytochrome P450 Enzymes by Physicochemical Properties of Phospholipids in Biological Membranes. Current Protein and Peptide Science, 2007, 8, 496-505.	1.4	13
93	Regioselective C-H hydroxylation of omeprazole sulfide by Bacillus megaterium CYP102A1 to produce a human metabolite. Biotechnology Letters, 2017, 39, 105-112.	2.2	13
94	Importance of Phosphatidylethanolamine for the Interaction of Apocytochrome c with Model Membranes Containing Phosphatidylserine. Biochemistry, 2000, 39, 10147-10153.	2.5	12
95	High-level expression of human cytochrome P450 3A4 by co-expression with Human molecular chaperone HDJ-1 (Hsp40). Archives of Pharmacal Research, 2004, 27, 319-323.	6.3	12
96	Effects of aqueous extract of Ruta graveolens and its ingredients on cytochrome P450, uridine diphosphate (UDP)-glucuronosyltransferase, and reduced nicotinamide adenine dinucleotide (phosphate) (NAD(P)H)-quinone oxidoreductase in mice. Journal of Food and Drug Analysis, 2015, 23, 516-528.	1.9	12
97	Involvement of P4503A in the metabolism of 7,8-benzoflavone by human liver microsomes. Xenobiotica, 1994, 24, 1053-1062.	1.1	11
98	Regioselective Hydroxylation of Phloretin, a Bioactive Compound from Apples, by Human Cytochrome P450 Enzymes. Pharmaceuticals, 2020, 13, 330.	3.8	11
99	Structural Analysis of the Streptomyces avermitilis CYP107W1-Oligomycin A Complex and Role of the Tryptophan 178 Residue. Molecules and Cells, 2016, 39, 211-216.	2.6	11
100	Ovalbumin-Induced Fusion of Acidic Phospholipid Vesicles at Low pH1. Journal of Biochemistry, 1989, 105, 406-411.	1.7	10
101	Enhanced expression of human cytochrome P450 1A2 by co-expression with human molecular chaperone Hsp70. Toxicology Letters, 2004, 153, 267-272.	0.8	10
102	High-level expression of human cytochrome P450 1A2 by co-expression with human molecular chaperone HDJ-1(Hsp40). Protein Expression and Purification, 2004, 36, 48-52.	1.3	10
103	Lysophosphatidylserine-induced functional switch of human cytochrome P450 1A2 and 2E1 from monooxygenase to phospholipase D. Biochemical and Biophysical Research Communications, 2008, 376, 584-589.	2.1	10
104	Doxorubicin- and Daunorubicin-Induced Regulation of Ca ²⁺ and H ⁺ Fluxes Through Human Bax Inhibitor-1 Reconstituted into Membranes. Journal of Pharmaceutical Sciences, 2012, 101, 1314-1326.	3.3	10
105	Differential gene expression profiles in spontaneously hypertensive rats induced by administration of enalapril and nifedipine. International Journal of Molecular Medicine, 2013, 31, 179-187.	4.0	10
106	Self-Sufficient Catalytic System of Human Cytochrome P450 4A11 and NADPH-P450 Reductase. Biomolecules and Therapeutics, 2009, 17, 156-161.	2.4	10
107	Characterization of a Biflavinol Synthase CYP158A3 from <i>Streptomyces avermitilis</i> and Its Role in the Biosynthesis of Secondary Metabolites. Biomolecules and Therapeutics, 2017, 25, 171-176.	2.4	10
108	Non-specific inhibition of human cytochrome P450-catalyzed reactions by hemin. Toxicology Letters, 2004, 153, 239-246.	0.8	9

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109	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
110	A dual function of the furanocoumarin cholepentin 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
111	Promoted ABA Hydroxylation by Capsicum annum CYP707As Overexpression Suppresses Pollen Maturation in Nicotiana tabacum. <i>Frontiers in Plant Science</i> , 2020, 11, 583767.	3.6	9
112	Cyclophilin A is an endogenous ligand for the triggering receptor expressed on myeloid cells (TREM2). <i>FASEB Journal</i> , 2021, 35, e21479.	0.5	9
113	Production of a Human Metabolite of Atorvastatin by Bacterial CYP102A1 Peroxygenase. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 603.	2.5	9
114	Polyacrylamide Gel Electrophoresis without a Stacking Gel: Application for Separation of Peptides. <i>Analytical Biochemistry</i> , 2002, 305, 277-279.	2.4	8
115	Induction of cytochrome p450 1a and 2b by α - and β -Ionone in sprague dawley rats. <i>Archives of Pharmacal Research</i> , 2002, 25, 197-201.	6.3	8
116	An NH2-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
117	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
118	Regioselective Hydroxylation of Naringin Dihydrochalcone to Produce Neoeriodictin Dihydrochalcone by CYP102A1 (BM3) Mutants. <i>Catalysts</i> , 2020, 10, 823.	3.5	8
119	Inhibition of human cytochrome P450 3A4 activity by zinc(II) ion. <i>Toxicology Letters</i> , 2005, 156, 341-350.	0.8	7
120	Effects of phospholipids on the functional regulation of tBID in membranes. <i>Molecular and Cellular Biochemistry</i> , 2012, 363, 395-408.	3.1	7
121	Enzymatic Production of 3-OH Phlorizin, a Possible Bioactive Polyphenol from Apples, by Bacillus megaterium CYP102A1 via Regioselective Hydroxylation. <i>Antioxidants</i> , 2021, 10, 1327.	5.1	7
122	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
123	Continuous spectrofluorometric and spectrophotometric assays for NADPH-cytochrome P450 reductase activity using 5-cyano-2,3-ditolyl tetrazolium chloride. <i>Biotechnology Letters</i> , 2009, 31, 271-275.	2.2	6
124	Effect of nonlamellar-prone lipids on protein encapsulation in liposomes. <i>Macromolecular Research</i> , 2009, 17, 956-962.	2.4	6
125	Role of Leu188 in the Fatty Acid Hydroxylase Activity of CYP102A1 from Bacillus megaterium. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2016, 133, 35-42.	1.8	6
126	Structural insights into the binding of lauric acid to CYP107L2 from Streptomyces avermitilis. <i>Biochemical and Biophysical Research Communications</i> , 2017, 482, 902-908.	2.1	6

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127	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
128	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
129	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
130	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
131	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
132	Regioselective Hydroxylation of Rhododendrol by CYP102A1 and Tyrosinase. <i>Catalysts</i> , 2020, 10, 1114.	3.5	5
133	Functional Significance of Cytochrome P450 1A2 Allelic Variants, P450 1A2*8, *15, and *16 (R456H, P42R,) Tj ETQg1 1 0.784314 rgB7	2.4	5
134	Aspartyl aminopeptidase of <i>Schizosaccharomyces pombe</i> has a molecular chaperone function. <i>BMB Reports</i> , 2009, 42, 812-816.	2.4	5
135	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
136	Axl is a key regulator of intestinal Ca^{2+} cell homeostasis. <i>FASEB Journal</i> , 2019, 33, 13386-13397.	0.5	4
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