

# Tatsuki Fukami

## List of Publications by Year in Descending Order

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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.

132  
papers

4,280  
citations

36  
h-index

58  
g-index

134  
ext. papers

4,846  
ext. citations

4.3  
avg, IF

5.45  
L-index

#	Paper	IF	Citations
132	PPAR $\alpha$ regulates the expression of human arylacetamide deacetylase involved in drug hydrolysis and lipid metabolism.. <i>Biochemical Pharmacology</i> , <b>2022</b> , 115010	6	1
131	Pirfenidone 5-hydroxylation is mainly catalysed by CYP1A2 and partly catalysed by CYP2C19 and CYP2D6 in the human liver. <i>Xenobiotica</i> , <b>2021</b> , 1-8	2	0
130	Arylacetamide deacetylase knockout mice are sensitive to ketoconazole-induced hepatotoxicity and adrenal insufficiency. <i>Biochemical Pharmacology</i> , <b>2021</b> , 195, 114842	6	0
129	Differences in Hydrolase Activities in the Liver and Small Intestine between Marmosets and Humans. <i>Drug Metabolism and Disposition</i> , <b>2021</b> , 49, 718-728	4	1
128	Identification of miRNAs that regulate human CYP2B6 expression. <i>Drug Metabolism and Pharmacokinetics</i> , <b>2021</b> , 38, 100388	2.2	0
127	Hydrolase activities of cynomolgus monkey liver microsomes and recombinant CES1, CES2, and AADAC. <i>European Journal of Pharmaceutical Sciences</i> , <b>2021</b> , 161, 105807	5.1	2
126	The N-methyladenosine modification posttranscriptionally regulates hepatic UGT2B7 expression. <i>Biochemical Pharmacology</i> , <b>2021</b> , 189, 114402	6	4
125	Adenosine deaminases acting on RNA modulate the expression of the human pregnane X receptor. <i>Drug Metabolism and Pharmacokinetics</i> , <b>2021</b> , 37, 100367	2.2	0
124	Human superoxide dismutase 1 attenuates quinoneimine metabolite formation from mefenamic acid. <i>Toxicology</i> , <b>2021</b> , 448, 152648	4.4	1
123	Systematic Approach for Screening of Prodrugs: Evaluation Using Oseltamivir Analogues as Models. <i>Journal of Pharmaceutical Sciences</i> , <b>2021</b> , 110, 925-934	3.9	0
122	Identification of an isoform catalyzing the CoA conjugation of nonsteroidal anti-inflammatory drugs and the evaluation of the expression levels of acyl-CoA synthetases in the human liver. <i>Biochemical Pharmacology</i> , <b>2021</b> , 183, 114303	6	2
121	Role of Human Arylacetamide Deacetylase (AADAC) on Hydrolysis of Eslicarbazepine Acetate and Effects of Genetic Polymorphisms on Hydrolase Activity. <i>Drug Metabolism and Disposition</i> , <b>2021</b> , 49, 322-329	4.29	6
120	Epicatechin gallate and epigallocatechin gallate are potent inhibitors of human arylacetamide deacetylase. <i>Drug Metabolism and Pharmacokinetics</i> , <b>2021</b> , 39, 100397	2.2	1
119	Non-P450 Drug-Metabolizing Enzymes: Contribution to Drug Disposition, Toxicity, and Development. <i>Annual Review of Pharmacology and Toxicology</i> , <b>2021</b> ,	17.9	3
118	Arylacetamide deacetylase as a determinant of the hydrolysis and activation of abiraterone acetate in mice and humans. <i>Life Sciences</i> , <b>2021</b> , 284, 119896	6.8	3
117	mA modification impacts hepatic drug and lipid metabolism properties by regulating carboxylesterase 2. <i>Biochemical Pharmacology</i> , <b>2021</b> , 193, 114766	6	3
116	SLC35B1 significantly contributes to the uptake of UDPGA into the endoplasmic reticulum for glucuronidation catalyzed by UDP-glucuronosyltransferases. <i>Biochemical Pharmacology</i> , <b>2020</b> , 175, 113916	6	4

115	A Novel Systematic Approach for Selection of Prodrugs Designed to Improve Oral Absorption. <i>Journal of Pharmaceutical Sciences</i> , <b>2020</b> , 109, 1736-1746	3.9	2
114	Decrease in ADAR1 expression by exposure to cigarette smoke enhances susceptibility to oxidative stress. <i>Toxicology Letters</i> , <b>2020</b> , 331, 22-32	4.4	0
113	Strain and sex differences in drug hydrolase activities in rodent livers. <i>European Journal of Pharmaceutical Sciences</i> , <b>2020</b> , 142, 105143	5.1	8
112	Methylation of adenosine at the N position post-transcriptionally regulates hepatic P450s expression. <i>Biochemical Pharmacology</i> , <b>2020</b> , 171, 113697	6	11
111	Quantitative analysis of mRNA expression levels of aldo-keto reductase and short-chain dehydrogenase/reductase isoforms in human livers. <i>Drug Metabolism and Pharmacokinetics</i> , <b>2020</b> , 35, 539-547	2.2	3
110	Characterization of human UGT2A3 expression using a prepared specific antibody against UGT2A3. <i>Drug Metabolism and Pharmacokinetics</i> , <b>2019</b> , 34, 280-286	2.2	0
109	RNA Editing Enzymes Modulate the Expression of Hepatic CYP2B6, CYP2C8, and Other Cytochrome P450 Isoforms. <i>Drug Metabolism and Disposition</i> , <b>2019</b> , 47, 639-647	4	8
108	Adenosine Deaminases Acting on RNA Downregulate the Expression of Constitutive Androstane Receptor in the Human Liver-Derived Cells by Attenuating Splicing. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2019</b> , 370, 408-415	4.7	4
107	Quantitative Analysis of UDP-Glucuronosyltransferase Ugt1a and Ugt2b mRNA Expression in the Rat Liver and Small Intestine: Sex and Strain Differences. <i>Drug Metabolism and Disposition</i> , <b>2019</b> , 47, 38-44	4	10
106	Identification of enzymes responsible for dantrolene metabolism in the human liver: A clue to uncover the cause of liver injury. <i>Biochemical Pharmacology</i> , <b>2018</b> , 151, 69-78	6	18
105	Difference in substrate specificity of carboxylesterase and arylacetamide deacetylase between dogs and humans. <i>European Journal of Pharmaceutical Sciences</i> , <b>2018</b> , 111, 167-176	5.1	24
104	In vitro approach to elucidate the relevance of carboxylesterase 2 and N-acetyltransferase 2 to flupirtine-induced liver injury. <i>Biochemical Pharmacology</i> , <b>2018</b> , 155, 242-251	6	9
103	Role of Farnesoid X Receptor and Bile Acids in Hepatic Tumor Development. <i>Hepatology Communications</i> , <b>2018</b> , 2, 1567-1582	6	22
102	Substrate selectivity of human aldehyde oxidase 1 in reduction of nitroaromatic drugs. <i>Archives of Biochemistry and Biophysics</i> , <b>2018</b> , 659, 85-92	4.1	15
101	miR-141-3p commonly regulates human UGT1A isoforms via different mechanisms. <i>Drug Metabolism and Pharmacokinetics</i> , <b>2018</b> , 33, 203-210	2.2	10
100	Hepatic Dipeptidyl Peptidase-4 Controls Pharmacokinetics of Vildagliptin In Vivo. <i>Drug Metabolism and Disposition</i> , <b>2017</b> , 45, 237-245	4	2
99	A-to-I RNA Editing Up-regulates Human Dihydrofolate Reductase in Breast Cancer. <i>Journal of Biological Chemistry</i> , <b>2017</b> , 292, 4873-4884	5.4	52
98	Editor's Highlight: Farnesoid X Receptor Protects Against Low-Dose Carbon Tetrachloride-Induced Liver Injury Through the Taurocholate-JNK Pathway. <i>Toxicological Sciences</i> , <b>2017</b> , 158, 334-346	4.4	16

97	Identification of enzymes responsible for nitrazepam metabolism and toxicity in human. <i>Biochemical Pharmacology</i> , <b>2017</b> , 140, 150-160	6	21
96	Serum microRNA profiles in patients with chronic hepatitis B, chronic hepatitis C, primary biliary cirrhosis, autoimmune hepatitis, nonalcoholic steatohepatitis, or drug-induced liver injury. <i>Clinical Biochemistry</i> , <b>2017</b> , 50, 1034-1039	3.5	13
95	Evaluation of expression and glycosylation status of UGT1A10 in Supersomes and intestinal epithelial cells with a novel specific UGT1A10 monoclonal antibody. <i>Drug Metabolism and Disposition</i> , <b>2017</b> , 45, 1027-1034	4	7
94	Cyp2c70 is responsible for the species difference in bile acid metabolism between mice and humans. <i>Journal of Lipid Research</i> , <b>2016</b> , 57, 2130-2137	6.3	144
93	Human arylacetamide deacetylase hydrolyzes ketoconazole to trigger hepatocellular toxicity. <i>Biochemical Pharmacology</i> , <b>2016</b> , 116, 153-61	6	27
92	Arylacetamide Deacetylase is Responsible for Activation of Prasugrel in Human and Dog. <i>Drug Metabolism and Disposition</i> , <b>2016</b> , 44, 409-16	4	26
91	Pathogenetic analyses of carbamazepine-induced liver injury in F344 rats focused on immune- and inflammation-related factors. <i>Experimental and Toxicologic Pathology</i> , <b>2016</b> , 68, 27-38		9
90	RNA Editing Modulates Human Hepatic Aryl Hydrocarbon Receptor Expression by Creating MicroRNA Recognition Sequence. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 894-903	5.4	31
89	Establishment of a mouse model for amiodarone-induced liver injury and analyses of its hepatotoxic mechanism. <i>Journal of Applied Toxicology</i> , <b>2016</b> , 36, 35-47	4.1	16
88	Comparison of substrate specificity among human arylacetamide deacetylase and carboxylesterases. <i>European Journal of Pharmaceutical Sciences</i> , <b>2015</b> , 78, 47-53	5.1	47
87	Targeted screen for human UDP-glucuronosyltransferases inhibitors and the evaluation of potential drug-drug interactions with zafirlukast. <i>Drug Metabolism and Disposition</i> , <b>2015</b> , 43, 812-8	4	16
86	Characterization of Species Differences in Tissue Diltiazem Deacetylation Identifies Ces2a as a Rat-Specific Diltiazem Deacetylase. <i>Drug Metabolism and Disposition</i> , <b>2015</b> , 43, 1218-25	4	8
85	P-glycoprotein, CYP3A, and Plasma Carboxylesterase Determine Brain Disposition and Oral Availability of the Novel Taxane Cabazitaxel (Jevtana) in Mice. <i>Molecular Pharmaceutics</i> , <b>2015</b> , 12, 3714-23	5.6	13
84	Single-Nucleotide Polymorphisms in Cytochrome P450 2E1 (CYP2E1) 3'Untranslated Region Affect the Regulation of CYP2E1 by miR-570. <i>Drug Metabolism and Disposition</i> , <b>2015</b> , 43, 1450-7	4	23
83	Involvement of immune- and inflammatory-related factors in flucloxacillin-induced liver injury in mice. <i>Journal of Applied Toxicology</i> , <b>2015</b> , 35, 142-51	4.1	19
82	A comprehensive review of UDP-glucuronosyltransferase and esterases for drug development. <i>Drug Metabolism and Pharmacokinetics</i> , <b>2015</b> , 30, 30-51	2.2	147
81	Role of cytochrome P450-mediated metabolism and identification of novel thiol-conjugated metabolites in mice with phenytoin-induced liver injury. <i>Toxicology Letters</i> , <b>2015</b> , 232, 79-88	4.4	2
80	A proposed mechanism for the adverse effects of acebutolol: CES2 and CYP2C19-mediated metabolism and antinuclear antibody production. <i>Biochemical Pharmacology</i> , <b>2015</b> , 98, 659-70	6	11

79	CYP2A7 pseudogene transcript affects CYP2A6 expression in human liver by acting as a decoy for miR-126. <i>Drug Metabolism and Disposition</i> , <b>2015</b> , 43, 703-12	4	32
78	Carbamazepine-Induced Liver Injury Requires CYP3A-Mediated Metabolism and Glutathione Depletion in Rats. <i>Drug Metabolism and Disposition</i> , <b>2015</b> , 43, 958-68	4	26
77	Involvement of oxidative stress and immune- and inflammation-related factors in azathioprine-induced liver injury. <i>Toxicology Letters</i> , <b>2014</b> , 224, 215-24	4.4	18
76	Regulation of cytochrome b5 expression by miR-223 in human liver: effects on cytochrome P450 activities. <i>Pharmaceutical Research</i> , <b>2014</b> , 31, 780-94	4.5	22
75	Evaluation and mechanistic analysis of the cytotoxicity of the acyl glucuronide of nonsteroidal anti-inflammatory drugs. <i>Drug Metabolism and Disposition</i> , <b>2014</b> , 42, 1-8	4	31
74	Indiplon is hydrolyzed by arylacetamide deacetylase in human liver. <i>Drug Metabolism and Disposition</i> , <b>2014</b> , 42, 751-8	4	14
73	Screening of specific inhibitors for human carboxylesterases or arylacetamide deacetylase. <i>Drug Metabolism and Disposition</i> , <b>2014</b> , 42, 1103-9	4	62
72	Development of a cell-based assay system considering drug metabolism and immune- and inflammatory-related factors for the risk assessment of drug-induced liver injury. <i>Toxicology Letters</i> , <b>2014</b> , 228, 13-24	4.4	23
71	Epigenetic regulation of the tissue-specific expression of human UDP-glucuronosyltransferase (UGT) 1A10. <i>Biochemical Pharmacology</i> , <b>2014</b> , 87, 660-7	6	27
70	An orphan esterase ABHD10 modulates probenecid acyl glucuronidation in human liver. <i>Drug Metabolism and Disposition</i> , <b>2014</b> , 42, 2109-16	4	14
69	P-glycoprotein, CYP3A, and plasma carboxylesterase determine brain and blood disposition of the mTOR Inhibitor everolimus (Afinitor) in mice. <i>Clinical Cancer Research</i> , <b>2014</b> , 20, 3133-45	12.9	23
68	Retinoid X receptor $\beta$ in human liver is regulated by miR-34a. <i>Biochemical Pharmacology</i> , <b>2014</b> , 90, 179-87	6	35
67	N-Glycosylation during translation is essential for human arylacetamide deacetylase enzyme activity. <i>Biochemical Pharmacology</i> , <b>2014</b> , 87, 352-9	6	8
66	Involvement of miRNAs in the early phase of halothane-induced liver injury. <i>Toxicology</i> , <b>2014</b> , 319, 75-84	4.4	16
65	Changes in the expression of miRNAs at the pericentral and periportal regions of the rat liver in response to hepatocellular injury: comparison with the changes in the expression of plasma miRNAs. <i>Toxicology</i> , <b>2014</b> , 322, 89-98	4.4	9
64	Integrated analysis of rifampicin-induced microRNA and gene expression changes in human hepatocytes. <i>Drug Metabolism and Pharmacokinetics</i> , <b>2014</b> , 29, 333-40	2.2	23
63	Cigarette smoking substantially alters plasma microRNA profiles in healthy subjects. <i>Toxicology and Applied Pharmacology</i> , <b>2013</b> , 272, 154-60	4.6	91
62	A novel mouse model for phenytoin-induced liver injury: involvement of immune-related factors and P450-mediated metabolism. <i>Toxicological Sciences</i> , <b>2013</b> , 136, 250-63	4.4	22

61	Human UDP-glucuronosyltransferase (UGT) 2B10 in drug N-glucuronidation: substrate screening and comparison with UGT1A3 and UGT1A4. <i>Drug Metabolism and Disposition</i> , <b>2013</b> , 41, 1389-97	4	41
60	Prilocaine- and lidocaine-induced methemoglobinemia is caused by human carboxylesterase-, CYP2E1-, and CYP3A4-mediated metabolic activation. <i>Drug Metabolism and Disposition</i> , <b>2013</b> , 41, 1220-30	4	33
59	Epigenetic regulation is a crucial factor in the repression of UGT1A1 expression in the human kidney. <i>Drug Metabolism and Disposition</i> , <b>2013</b> , 41, 1738-43	4	28
58	Aryl hydrocarbon receptor nuclear translocator in human liver is regulated by miR-24. <i>Toxicology and Applied Pharmacology</i> , <b>2012</b> , 260, 222-31	4.6	36
57	Involvement of immune-related factors in diclofenac-induced acute liver injury in mice. <i>Toxicology</i> , <b>2012</b> , 293, 107-114	4.4	53
56	Preparation of a specific monoclonal antibody against human UDP-glucuronosyltransferase (UGT) 1A9 and evaluation of UGT1A9 protein levels in human tissues. <i>Drug Metabolism and Disposition</i> , <b>2012</b> , 40, 1620-7	4	27
55	Human UDP-glucuronosyltransferase isoforms involved in haloperidol glucuronidation and quantitative estimation of their contribution. <i>Drug Metabolism and Disposition</i> , <b>2012</b> , 40, 240-8	4	30
54	Metabolic activation and inflammation reactions involved in carbamazepine-induced liver injury. <i>Toxicological Sciences</i> , <b>2012</b> , 130, 4-16	4.4	46
53	Metabolic activation by human arylacetamide deacetylase, CYP2E1, and CYP1A2 causes phenacetin-induced methemoglobinemia. <i>Biochemical Pharmacology</i> , <b>2012</b> , 84, 1196-206	6	15
52	Mechanisms of the hepatoprotective effects of tamoxifen against drug-induced and chemical-induced acute liver injuries. <i>Toxicology and Applied Pharmacology</i> , <b>2012</b> , 264, 42-50	4.6	16
51	Involvement of Th2 cytokines in the mouse model of flutamide-induced acute liver injury. <i>Journal of Applied Toxicology</i> , <b>2012</b> , 32, 815-22	4.1	22
50	Th2 cytokine-mediated methimazole-induced acute liver injury in mice. <i>Journal of Applied Toxicology</i> , <b>2012</b> , 32, 823-33	4.1	27
49	A novel polymorphic allele of human arylacetamide deacetylase leads to decreased enzyme activity. <i>Drug Metabolism and Disposition</i> , <b>2012</b> , 40, 1183-90	4	21
48	Species differences in tissue distribution and enzyme activities of arylacetamide deacetylase in human, rat, and mouse. <i>Drug Metabolism and Disposition</i> , <b>2012</b> , 40, 671-9	4	47
47	Effects of silver nanoparticles on rat hepatic cytochrome P450 enzyme activity. <i>Xenobiotica</i> , <b>2012</b> , 42, 854-62	2	46
46	Human $\beta$ -hydrolase domain containing 10 (ABHD10) is responsible enzyme for deglucuronidation of mycophenolic acid acyl-glucuronide in liver. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 9240-9	5.4	26
45	Contributions of arylacetamide deacetylase and carboxylesterase 2 to flutamide hydrolysis in human liver. <i>Drug Metabolism and Disposition</i> , <b>2012</b> , 40, 1080-4	4	32
44	Mechanism of exacerbative effect of progesterone on drug-induced liver injury. <i>Toxicological Sciences</i> , <b>2012</b> , 126, 16-27	4.4	20

43	Stimulation of human monocytic THP-1 cells by metabolic activation of hepatotoxic drugs. <i>Drug Metabolism and Pharmacokinetics</i> , <b>2012</b> , 27, 621-30	2.2	11
42	Hepatoprotective effect of tamoxifen on steatosis and non-alcoholic steatohepatitis in mouse models. <i>Journal of Toxicological Sciences</i> , <b>2012</b> , 37, 931-42	1.9	23
41	The emerging role of human esterases. <i>Drug Metabolism and Pharmacokinetics</i> , <b>2012</b> , 27, 466-77	2.2	144
40	Plasma microRNA profiles in rat models of hepatocellular injury, cholestasis, and steatosis. <i>PLoS ONE</i> , <b>2012</b> , 7, e30250	3.7	74
39	IL-4 mediates dicloxacillin-induced liver injury in mice. <i>Toxicology Letters</i> , <b>2011</b> , 200, 139-45	4.4	32
38	Estradiol and progesterone modulate halothane-induced liver injury in mice. <i>Toxicology Letters</i> , <b>2011</b> , 204, 17-24	4.4	23
37	Human CYP2A6 is regulated by nuclear factor-erythroid 2 related factor 2. <i>Biochemical Pharmacology</i> , <b>2011</b> , 81, 289-94	6	35
36	Human arylacetamide deacetylase is responsible for deacetylation of rifamycins: rifampicin, rifabutin, and rifapentine. <i>Biochemical Pharmacology</i> , <b>2011</b> , 82, 1747-56	6	78
35	Progesterone receptor membrane component 1 modulates human cytochrome p450 activities in an isoform-dependent manner. <i>Drug Metabolism and Disposition</i> , <b>2011</b> , 39, 2057-65	4	25
34	PPAR $\alpha$ s regulated by miR-21 and miR-27b in human liver. <i>Pharmaceutical Research</i> , <b>2011</b> , 28, 2467-76	4.5	102
33	Stimulation of pro-inflammatory responses by mebendazole in human monocytic THP-1 cells through an ERK signaling pathway. <i>Archives of Toxicology</i> , <b>2011</b> , 85, 199-207	5.8	21
32	Human paraoxonase 1 is the enzyme responsible for pilocarpine hydrolysis. <i>Drug Metabolism and Disposition</i> , <b>2011</b> , 39, 1345-52	4	29
31	Development of a highly sensitive cytotoxicity assay system for CYP3A4-mediated metabolic activation. <i>Drug Metabolism and Disposition</i> , <b>2011</b> , 39, 1388-95	4	42
30	CYP2C9-mediated metabolic activation of losartan detected by a highly sensitive cell-based screening assay. <i>Drug Metabolism and Disposition</i> , <b>2011</b> , 39, 838-46	4	30
29	Immunohistochemical analysis of CYP2A13 in various types of human lung cancers. <i>Cancer Science</i> , <b>2010</b> , 101, 1024-8	6.9	13
28	In vitro evaluation of inhibitory effects of antidiabetic and antihyperlipidemic drugs on human carboxylesterase activities. <i>Drug Metabolism and Disposition</i> , <b>2010</b> , 38, 2173-8	4	65
27	MicroRNAs regulate human hepatocyte nuclear factor 4alpha, modulating the expression of metabolic enzymes and cell cycle. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 4415-22	5.4	119
26	Arylacetamide deacetylase is a determinant enzyme for the difference in hydrolase activities of phenacetin and acetaminophen. <i>Drug Metabolism and Disposition</i> , <b>2010</b> , 38, 1532-7	4	49

25	Terbinafine stimulates the pro-inflammatory responses in human monocytic THP-1 cells through an ERK signaling pathway. <i>Life Sciences</i> , <b>2010</b> , 87, 537-44	6.8	15
24	An in vitro drug-induced hepatotoxicity screening system using CYP3A4-expressing and gamma-glutamylcysteine synthetase knockdown cells. <i>Toxicology in Vitro</i> , <b>2010</b> , 24, 1032-8	3.6	33
23	Interleukin-17 is involved in alpha-naphthylisothiocyanate-induced liver injury in mice. <i>Toxicology</i> , <b>2010</b> , 275, 50-7	4.4	28
22	Transcriptional regulation of human carboxylesterase 1A1 by nuclear factor-erythroid 2 related factor 2 (Nrf2). <i>Biochemical Pharmacology</i> , <b>2010</b> , 79, 288-95	6	28
21	Human CYP2E1 is regulated by miR-378. <i>Biochemical Pharmacology</i> , <b>2010</b> , 79, 1045-52	6	133
20	Human arylacetamide deacetylase is a principal enzyme in flutamide hydrolysis. <i>Drug Metabolism and Disposition</i> , <b>2009</b> , 37, 1513-20	4	60
19	Halothane-induced liver injury is mediated by interleukin-17 in mice. <i>Toxicological Sciences</i> , <b>2009</b> , 111, 302-10	4.4	56
18	Knockdown of superoxide dismutase 2 enhances acetaminophen-induced hepatotoxicity in rat. <i>Toxicology</i> , <b>2009</b> , 264, 89-95	4.4	21
17	Quantitative analysis of UDP-glucuronosyltransferase (UGT) 1A and UGT2B expression levels in human livers. <i>Drug Metabolism and Disposition</i> , <b>2009</b> , 37, 1759-68	4	190
16	Establishment of knockdown of superoxide dismutase 2 and expression of CYP3A4 cell system to evaluate drug-induced cytotoxicity. <i>Toxicology in Vitro</i> , <b>2009</b> , 23, 1179-87	3.6	22
15	Human cytochrome P450 2A13 efficiently metabolizes chemicals in air pollutants: naphthalene, styrene, and toluene. <i>Chemical Research in Toxicology</i> , <b>2008</b> , 21, 720-5	4	60
14	Genetic polymorphisms of CYP2A6 affect the in-vivo pharmacokinetics of pilocarpine. <i>Pharmacogenetics and Genomics</i> , <b>2008</b> , 18, 761-72	1.9	15
13	Structure and characterization of human carboxylesterase 1A1, 1A2, and 1A3 genes. <i>Pharmacogenetics and Genomics</i> , <b>2008</b> , 18, 911-20	1.9	64
12	CYP2A13 metabolizes the substrates of human CYP1A2, phenacetin, and theophylline. <i>Drug Metabolism and Disposition</i> , <b>2007</b> , 35, 335-9	4	37
11	Human CYP2A6 is induced by estrogen via estrogen receptor. <i>Drug Metabolism and Disposition</i> , <b>2007</b> , 35, 1935-41	4	109
10	A novel duplication type of CYP2A6 gene in African-American population. <i>Drug Metabolism and Disposition</i> , <b>2007</b> , 35, 515-20	4	41
9	CYP2A13 expressed in human bladder metabolically activates 4-aminobiphenyl. <i>International Journal of Cancer</i> , <b>2006</b> , 119, 2520-6	7.5	56
8	Isoflavones inhibit nicotine C-oxidation catalyzed by human CYP2A6. <i>Journal of Clinical Pharmacology</i> , <b>2006</b> , 46, 337-44	2.9	24



7	Comprehensive evaluation of variability in nicotine metabolism and CYP2A6 polymorphic alleles in four ethnic populations. <i>Clinical Pharmacology and Therapeutics</i> , <b>2006</b> , 80, 282-97	6.1	175
6	A novel CYP2A6*20 allele found in African-American population produces a truncated protein lacking enzymatic activity. <i>Biochemical Pharmacology</i> , <b>2005</b> , 70, 801-8	6	43
5	Characterization of novel CYP2A6 polymorphic alleles (CYP2A6*18 and CYP2A6*19) that affect enzymatic activity. <i>Drug Metabolism and Disposition</i> , <b>2005</b> , 33, 1202-10	4	46
4	CYP2A6 AND CYP2B6 are involved in nornicotine formation from nicotine in humans: interindividual differences in these contributions. <i>Drug Metabolism and Disposition</i> , <b>2005</b> , 33, 1811-8	4	48
3	Metabolic profile of nicotine in subjects whose CYP2A6 gene is deleted. <i>European Journal of Pharmaceutical Sciences</i> , <b>2004</b> , 22, 419-25	5.1	67
2	A novel polymorphism of human CYP2A6 gene CYP2A6*17 has an amino acid substitution (V365M) that decreases enzymatic activity in vitro and in vivo. <i>Clinical Pharmacology and Therapeutics</i> , <b>2004</b> , 76, 519-27	6.1	65
1	Novel human CYP2A6 alleles confound gene deletion analysis. <i>FEBS Letters</i> , <b>2004</b> , 569, 75-81	3.8	37