

# Magnus Ingelman-Sundberg

## List of Publications by Citations

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360  
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83  
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392  
ext. papers

25,974  
ext. citations

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L-index

#	Paper	IF	Citations
360	Influence of cytochrome P450 polymorphisms on drug therapies: pharmacogenetic, pharmacoeipenetic and clinical aspects <b>2007</b> , 116, 496-526		848
359	Dietary long-chain n-3 fatty acids for the prevention of cancer: a review of potential mechanisms. <i>American Journal of Clinical Nutrition</i> , <b>2004</b> , 79, 935-45	7	724
358	A common novel CYP2C19 gene variant causes ultrarapid drug metabolism relevant for the drug response to proton pump inhibitors and antidepressants. <i>Clinical Pharmacology and Therapeutics</i> , <b>2006</b> , 79, 103-13	6.1	523
357	Hepatic cytochrome P450 2E1 is increased in patients with nonalcoholic steatohepatitis. <i>Hepatology</i> , <b>1998</b> , 27, 128-33	11.2	496
356	Pharmacogenetics of cytochrome P450 and its applications in drug therapy: the past, present and future. <i>Trends in Pharmacological Sciences</i> , <b>2004</b> , 25, 193-200	13.2	488
355	Pharmacogenomics and individualized drug therapy. <i>Annual Review of Medicine</i> , <b>2006</b> , 57, 119-37	17.4	486
354	Rat liver microsomal NADPH-supported oxidase activity and lipid peroxidation dependent on ethanol-inducible cytochrome P-450 (P-450IIE1). <i>Biochemical Pharmacology</i> , <b>1989</b> , 38, 1313-9	6	461
353	Polymorphic human cytochrome P450 enzymes: an opportunity for individualized drug treatment. <i>Trends in Pharmacological Sciences</i> , <b>1999</b> , 20, 342-9	13.2	411
352	Characterization of primary human hepatocyte spheroids as a model system for drug-induced liver injury, liver function and disease. <i>Scientific Reports</i> , <b>2016</b> , 6, 25187	4.9	385
351	Interindividual differences in hepatic expression of CYP3A4: relationship to genetic polymorphism in the 5Qupstream regulatory region. <i>Biochemical and Biophysical Research Communications</i> , <b>1999</b> , 259, 201-5	3.4	262
350	Hydroxylation of salicylate as an assay for hydroxyl radicals: a cautionary note. <i>Free Radical Biology and Medicine</i> , <b>1991</b> , 10, 439-41	7.8	240
349	Human drug metabolising cytochrome P450 enzymes: properties and polymorphisms. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2004</b> , 369, 89-104	3.4	235
348	Meta- and pooled analyses of the effects of glutathione S-transferase M1 polymorphisms and smoking on lung cancer risk. <i>Carcinogenesis</i> , <b>2002</b> , 23, 1343-50	4.6	228
347	Validation of methods for CYP2C9 genotyping: frequencies of mutant alleles in a Swedish population. <i>Biochemical and Biophysical Research Communications</i> , <b>1999</b> , 254, 628-31	3.4	215
346	Activation of protein kinase C by lipoxin A and other eicosanoids. Intracellular action of oxygenation products of arachidonic acid. <i>Biochemical and Biophysical Research Communications</i> , <b>1986</b> , 134, 1215-22	3.4	202
345	The Pharmacogene Variation (PharmVar) Consortium: Incorporation of the Human Cytochrome P450 (CYP) Allele Nomenclature Database. <i>Clinical Pharmacology and Therapeutics</i> , <b>2018</b> , 103, 399-401	6.1	201
344	Ethanol-inducible cytochrome P4502E1: genetic polymorphism, regulation, and possible role in the etiology of alcohol-induced liver disease. <i>Alcohol</i> , <b>1993</b> , 10, 447-52	2.7	199

343	Comparative analysis of CYP3A expression in human liver suggests only a minor role for CYP3A5 in drug metabolism. <i>Drug Metabolism and Disposition</i> , <b>2003</b> , 31, 755-61	4	196
342	Comparisons of CYP1A2 genetic polymorphisms, enzyme activity and the genotype-phenotype relationship in Swedes and Koreans. <i>European Journal of Clinical Pharmacology</i> , <b>2007</b> , 63, 537-46	2.8	193
341	Genetic polymorphism and toxicology--with emphasis on cytochrome p450. <i>Toxicological Sciences</i> , <b>2011</b> , 120, 1-13	4.4	185
340	Frequent occurrence of CYP2D6 gene duplication in Saudi Arabians. <i>Pharmacogenetics and Genomics</i> , <b>1997</b> , 7, 187-91		181
339	Carbon tetrachloride-induced lipid peroxidation dependent on an ethanol-inducible form of rabbit liver microsomal cytochrome P-450. <i>FEBS Letters</i> , <b>1985</b> , 183, 265-9	3.8	176
338	3D organotypic cultures of human HepaRG cells: a tool for in vitro toxicity studies. <i>Toxicological Sciences</i> , <b>2013</b> , 133, 67-78	4.4	172
337	Analysis of the CYP2D6 gene in relation to debrisoquin and desipramine hydroxylation in a Swedish population. <i>Clinical Pharmacology and Therapeutics</i> , <b>1992</b> , 51, 12-7	6.1	171
336	A novel mutant variant of the CYP2D6 gene (CYP2D6*17) common in a black African population: association with diminished debrisoquine hydroxylase activity. <i>British Journal of Clinical Pharmacology</i> , <b>1996</b> , 42, 713-9	3.8	168
335	Centrilobular expression of ethanol-inducible cytochrome P-450 (IIE1) in rat liver. <i>Biochemical and Biophysical Research Communications</i> , <b>1988</b> , 157, 55-60	3.4	166
334	Comparison of Hepatic 2D Sandwich Cultures and 3D Spheroids for Long-term Toxicity Applications: A Multicenter Study. <i>Toxicological Sciences</i> , <b>2018</b> , 162, 655-666	4.4	158
333	Sodium periodate, sodium chloride, organic hydroperoxides, and H <sub>2</sub> O <sub>2</sub> as hydroxylating agents in steroid hydroxylation reactions catalyzed by partially purified cytochrome P-450. <i>Biochemical and Biophysical Research Communications</i> , <b>1975</b> , 66, 209-16	3.4	158
332	Ligand-dependent maintenance of ethanol-inducible cytochrome P-450 in primary rat hepatocyte cell cultures. <i>Biochemical and Biophysical Research Communications</i> , <b>1988</b> , 150, 436-43	3.4	155
331	Genetic polymorphism of cytochrome P450 2C9 in a Caucasian and a black African population. <i>British Journal of Clinical Pharmacology</i> , <b>2001</b> , 52, 447-50	3.8	154
330	Novel 3D Culture Systems for Studies of Human Liver Function and Assessments of the Hepatotoxicity of Drugs and Drug Candidates. <i>Chemical Research in Toxicology</i> , <b>2016</b> , 29, 1936-1955	4	153
329	Cloning and tissue distribution of a novel human cytochrome p450 of the CYP3A subfamily, CYP3A43. <i>Biochemical and Biophysical Research Communications</i> , <b>2001</b> , 281, 1349-55	3.4	149
328	Characterisation and PCR-based detection of a CYP2A6 gene deletion found at a high frequency in a Chinese population. <i>FEBS Letters</i> , <b>1999</b> , 448, 105-10	3.8	147
327	Genetic polymorphism of CYP1A2 in Ethiopians affecting induction and expression: characterization of novel haplotypes with single-nucleotide polymorphisms in intron 1. <i>Molecular Pharmacology</i> , <b>2003</b> , 64, 659-69	4.3	141
326	Identification and characterisation of novel polymorphisms in the CYP2A locus: implications for nicotine metabolism. <i>FEBS Letters</i> , <b>1999</b> , 460, 321-7	3.8	135

325	Brusatol provokes a rapid and transient inhibition of Nrf2 signaling and sensitizes mammalian cells to chemical toxicity-implications for therapeutic targeting of Nrf2. <i>Free Radical Biology and Medicine</i> , <b>2015</b> , 78, 202-12	7.8	131
324	Genetic mechanisms for duplication and multiduplication of the human CYP2D6 gene and methods for detection of duplicated CYP2D6 genes. <i>Gene</i> , <b>1999</b> , 226, 327-38	3.8	131
323	Identification of a single nucleotide polymorphism in the TATA box of the CYP2A6 gene: impairment of its promoter activity. <i>Biochemical and Biophysical Research Communications</i> , <b>2001</b> , 284, 455-60	3.4	130
322	Role of ethanol-inducible cytochrome P450 (P450IIE1) in catalysing the free radical activation of aliphatic alcohols. <i>Biochemical Pharmacology</i> , <b>1991</b> , 41, 1895-902	6	129
321	Xenobiotic-metabolizing enzymes and transporters in the normal human brain: regional and cellular mapping as a basis for putative roles in cerebral function. <i>Drug Metabolism and Disposition</i> , <b>2009</b> , 37, 1528-38	4	128
320	Identification of a novel specific CYP2B6 allele in Africans causing impaired metabolism of the HIV drug efavirenz. <i>Pharmacogenetics and Genomics</i> , <b>2006</b> , 16, 191-8	1.9	126
319	Rare genetic variants in cellular transporters, metabolic enzymes, and nuclear receptors can be important determinants of interindividual differences in drug response. <i>Genetics in Medicine</i> , <b>2017</b> , 19, 20-29	8.1	124
318	A combination of mutations in the CYP2D6*17 (CYP2D6Z) allele causes alterations in enzyme function. <i>Molecular Pharmacology</i> , <b>1997</b> , 52, 1034-40	4.3	124
317	Metabolism: a bottleneck in in vitro toxicological test development. The report and recommendations of ECVAM workshop 54. <i>ATLA Alternatives To Laboratory Animals</i> , <b>2006</b> , 34, 49-84	2.1	124
316	CYP1A1 T3801 C polymorphism and lung cancer: a pooled analysis of 2451 cases and 3358 controls. <i>International Journal of Cancer</i> , <b>2003</b> , 104, 650-7	7.5	121
315	Increased omeprazole metabolism in carriers of the CYP2C19*17 allele; a pharmacokinetic study in healthy volunteers. <i>British Journal of Clinical Pharmacology</i> , <b>2008</b> , 65, 767-74	3.8	119
314	Differential rates of metabolic activation and detoxication of the food mutagen 2-amino-1-methyl-6-phenylimidazo[4,5-b]pyridine by different cytochrome P450 enzymes. <i>Carcinogenesis</i> , <b>1990</b> , 11, 489-92	4.6	116
313	Epigenetic mechanisms of importance for drug treatment. <i>Trends in Pharmacological Sciences</i> , <b>2014</b> , 35, 384-96	13.2	112
312	Pharmacogenomic biomarkers for prediction of severe adverse drug reactions. <i>New England Journal of Medicine</i> , <b>2008</b> , 358, 637-9	59.2	111
311	Transcriptional, Functional, and Mechanistic Comparisons of Stem Cell-Derived Hepatocytes, HepaRG Cells, and Three-Dimensional Human Hepatocyte Spheroids as Predictive In Vitro Systems for Drug-Induced Liver Injury. <i>Drug Metabolism and Disposition</i> , <b>2017</b> , 45, 419-429	4	108
310	Functional analysis of six different polymorphic CYP1B1 enzyme variants found in an Ethiopian population. <i>Molecular Pharmacology</i> , <b>2002</b> , 61, 586-94	4.3	107
309	Genotyping of human cytochrome P450 2A6 (CYP2A6), a nicotine C-oxidase. <i>FEBS Letters</i> , <b>1998</b> , 438, 201-5	3.8	106
308	The effect of ethanol-induced cytochrome p4502E1 on the inhibition of proteasome activity by alcohol. <i>Biochemical and Biophysical Research Communications</i> , <b>2000</b> , 279, 23-9	3.4	105

307	Integrating rare genetic variants into pharmacogenetic drug response predictions. <i>Human Genomics</i> , <b>2018</b> , 12, 26	6.8	99
306	Genetic variation in the human cytochrome P450 supergene family. <i>Pharmacogenetics and Genomics</i> , <b>2015</b> , 25, 584-94	1.9	99
305	Hepatocyte-like cells derived from human embryonic stem cells specifically via definitive endoderm and a progenitor stage. <i>Journal of Biotechnology</i> , <b>2010</b> , 145, 284-94	3.7	99
304	The involvement of cytochrome P-450 in hepatic microsomal steroid hydroxylation reactions supported by sodium periodate, sodium chlorite, and organic hydroperoxides. <i>FEBS Journal</i> , <b>1976</b> , 61, 43-52		99
303	Prediction of Drug-Induced Hepatotoxicity Using Long-Term Stable Primary Hepatic 3D Spheroid Cultures in Chemically Defined Conditions. <i>Toxicological Sciences</i> , <b>2018</b> , 163, 655-665	4.4	98
302	Identification and tissue distribution of the novel human cytochrome P450 2S1 (CYP2S1). <i>Biochemical and Biophysical Research Communications</i> , <b>2001</b> , 281, 529-35	3.4	98
301	Induction, suppression and inhibition of multiple hepatic cytochrome P450 isozymes in the male rat and bobwhite quail ( <i>Colinus virginianus</i> ) by ergosterol biosynthesis inhibiting fungicides (EBIFs). <i>Biochemical Pharmacology</i> , <b>1994</b> , 48, 1953-65	6	98
300	Characterization of a human glutathione S-transferase mu cluster containing a duplicated GSTM1 gene that causes ultrarapid enzyme activity. <i>Molecular Pharmacology</i> , <b>1997</b> , 52, 958-65	4.3	97
299	Effect of chronic coadministration of endotoxin and ethanol on rat liver pathology and proinflammatory and anti-inflammatory cytokines. <i>Hepatology</i> , <b>1999</b> , 29, 1503-10	11.2	97
298	The human genome project and novel aspects of cytochrome P450 research. <i>Toxicology and Applied Pharmacology</i> , <b>2005</b> , 207, 52-6	4.6	95
297	Signal transduction-mediated activation of the aryl hydrocarbon receptor in rat hepatoma H4IIE cells. <i>Journal of Biological Chemistry</i> , <b>1997</b> , 272, 31755-63	5.4	93
296	Hepatic 3D spheroid models for the detection and study of compounds with cholestatic liability. <i>Scientific Reports</i> , <b>2016</b> , 6, 35434	4.9	93
295	Epigenomics and interindividual differences in drug response. <i>Clinical Pharmacology and Therapeutics</i> , <b>2012</b> , 92, 727-36	6.1	92
294	Debrisoquine and S-mephenytoin hydroxylation phenotypes and genotypes in a Korean population. <i>Pharmacogenetics and Genomics</i> , <b>1996</b> , 6, 441-7		92
293	Zonation of cytochrome P450 isozyme expression and induction in rat liver. <i>FEBS Journal</i> , <b>1992</b> , 204, 407-12		92
292	Molecular genetics and epigenetics of the cytochrome P450 gene family and its relevance for cancer risk and treatment. <i>Human Genetics</i> , <b>2010</b> , 127, 1-17	6.3	91
291	PCR-based genotyping for duplicated and deleted CYP2D6 genes. <i>Pharmacogenetics and Genomics</i> , <b>1996</b> , 6, 351-5		91
290	Endogenous and xenobiotic metabolic stability of primary human hepatocytes in long-term 3D spheroid cultures revealed by a combination of targeted and untargeted metabolomics. <i>FASEB Journal</i> , <b>2017</b> , 31, 2696-2708	0.9	90

289	Genetic and epigenetic regulation of gene expression in fetal and adult human livers. <i>BMC Genomics</i> , <b>2014</b> , 15, 860	4.5	90
288	Tumor-specific expression of the novel cytochrome P450 enzyme, CYP2W1. <i>Biochemical and Biophysical Research Communications</i> , <b>2006</b> , 341, 451-8	3.4	90
287	Effects of N-acetylcysteine on ethanol-induced hepatotoxicity in rats fed via total enteral nutrition. <i>Free Radical Biology and Medicine</i> , <b>2005</b> , 39, 619-30	7.8	87
286	Ethanol and Oxidative Stress. <i>Alcoholism: Clinical and Experimental Research</i> , <b>2001</b> , 25, 237S-243S	3.7	87
285	Expression of drug metabolizing enzymes in hepatocyte-like cells derived from human embryonic stem cells. <i>Biochemical Pharmacology</i> , <b>2007</b> , 74, 496-503	6	85
284	Phenotype-genotype variability in the human CYP3A locus as assessed by the probe drug quinine and analyses of variant CYP3A4 alleles. <i>Biochemical and Biophysical Research Communications</i> , <b>2005</b> , 338, 299-305	3.4	85
283	Characterization of a novel CYP2A7/CYP2A6 hybrid allele (CYP2A6*12) that causes reduced CYP2A6 activity. <i>Human Mutation</i> , <b>2002</b> , 20, 275-83	4.7	85
282	Regulation of aryl hydrocarbon receptor signal transduction by protein tyrosine kinases. <i>Cellular Signalling</i> , <b>2005</b> , 17, 39-48	4.9	85
281	Acetaldehyde as a substrate for ethanol-inducible cytochrome P450 (CYP2E1). <i>Biochemical and Biophysical Research Communications</i> , <b>1991</b> , 179, 689-94	3.4	85
280	Pharmacoepigenetics: its role in interindividual differences in drug response. <i>Clinical Pharmacology and Therapeutics</i> , <b>2009</b> , 85, 426-30	6.1	84
279	Application of Microphysiological Systems to Enhance Safety Assessment in Drug Discovery. <i>Annual Review of Pharmacology and Toxicology</i> , <b>2018</b> , 58, 65-82	17.9	83
278	Identification and characterization of CYP3A4*20, a novel rare CYP3A4 allele without functional activity. <i>Clinical Pharmacology and Therapeutics</i> , <b>2006</b> , 79, 339-49	6.1	83
277	Pooled analysis of the CYP1A1 exon 7 polymorphism and lung cancer (United States). <i>Cancer Causes and Control</i> , <b>2003</b> , 14, 339-46	2.8	83
276	Novel extrahepatic cytochrome P450s. <i>Toxicology and Applied Pharmacology</i> , <b>2005</b> , 207, 57-61	4.6	83
275	Genetic epidemiology of environmental toxicity and cancer susceptibility: human allelic polymorphisms in drug-metabolizing enzyme genes, their functional importance, and nomenclature issues. <i>Drug Metabolism Reviews</i> , <b>1999</b> , 31, 467-87	7	83
274	Managing the challenge of drug-induced liver injury: a roadmap for the development and deployment of preclinical predictive models. <i>Nature Reviews Drug Discovery</i> , <b>2020</b> , 19, 131-148	64.1	82
273	Cytochrome b5 as electron donor to rabbit liver cytochrome P-450LM2 in reconstituted phospholipid vesicles. <i>Biochemical and Biophysical Research Communications</i> , <b>1980</b> , 97, 582-6	3.4	81
272	Transcriptional control of CYP2E1 in the perivenous liver region and during starvation. <i>Biochemical and Biophysical Research Communications</i> , <b>1990</b> , 173, 331-8	3.4	80

271	Zonated expression of cytokines in rat liver: effect of chronic ethanol and the cytochrome P450 2E1 inhibitor, chlormethiazole. <i>Hepatology</i> , <b>1998</b> , 27, 1304-10	11.2	79
270	Pharmacogenomic biomarkers: new tools in current and future drug therapy. <i>Trends in Pharmacological Sciences</i> , <b>2011</b> , 32, 72-81	13.2	78
269	A stress-inducible rat liver endoplasmic reticulum protein, ERp29. <i>FEBS Journal</i> , <b>1998</b> , 251, 304-13		78
268	Pharmacogenomic Biomarkers for Improved Drug Therapy-Recent Progress and Future Developments. <i>AAPS Journal</i> , <b>2017</b> , 20, 4	3.7	78
267	Polymorphism of cytochrome P450 and xenobiotic toxicity. <i>Toxicology</i> , <b>2002</b> , 181-182, 447-52	4.4	77
266	Structural and functional characterization of the 5'flanking region of the rat and human cytochrome P450 2E1 genes: identification of a polymorphic repeat in the human gene. <i>Biochemical and Biophysical Research Communications</i> , <b>1999</b> , 263, 286-93	3.4	77
265	Phenotyping and genotyping of S-mephenytoin hydroxylase (cytochrome P450 2C19) in a Shona population of Zimbabwe. <i>Clinical Pharmacology and Therapeutics</i> , <b>1995</b> , 57, 656-61	6.1	77
264	The impact of CYP2E1 on the development of alcoholic liver disease as studied in a transgenic mouse model. <i>Journal of Hepatology</i> , <b>2009</b> , 50, 572-83	13.4	76
263	3QTR polymorphism in the human CYP2A6 gene affects mRNA stability and enzyme expression. <i>Biochemical and Biophysical Research Communications</i> , <b>2006</b> , 340, 491-7	3.4	76
262	Impact of CYP2C19 Genotype on Escitalopram Exposure and Therapeutic Failure: A Retrospective Study Based on 2,087 Patients. <i>American Journal of Psychiatry</i> , <b>2018</b> , 175, 463-470	11.9	75
261	Search for an association between the human CYP1A2 genotype and CYP1A2 metabolic phenotype. <i>Pharmacogenetics and Genomics</i> , <b>2006</b> , 16, 359-67	1.9	75
260	CYP3A7 protein expression is high in a fraction of adult human livers and partially associated with the CYP3A7*1C allele. <i>Pharmacogenetics and Genomics</i> , <b>2005</b> , 15, 625-31	1.9	75
259	Genetic polymorphism of xenobiotic metabolizing enzymes among Chinese lung cancer patients. <i>International Journal of Cancer</i> , <b>1999</b> , 81, 325-9	7.5	74
258	Long-term chronic toxicity testing using human pluripotent stem cell-derived hepatocytes. <i>Drug Metabolism and Disposition</i> , <b>2014</b> , 42, 1401-6	4	73
257	Evidence for environmental influence on CYP2D6-catalysed debrisoquine hydroxylation as demonstrated by phenotyping and genotyping of Ethiopians living in Ethiopia or in Sweden. <i>Pharmacogenetics and Genomics</i> , <b>2002</b> , 12, 375-83		73
256	Comparative studies on the cytochrome p450-associated metabolism and interaction potential of selegiline between human liver-derived in vitro systems. <i>Drug Metabolism and Disposition</i> , <b>2003</b> , 31, 1093-102	4	72
255	Human hepatic 3D spheroids as a model for steatosis and insulin resistance. <i>Scientific Reports</i> , <b>2018</b> , 8, 14297	4.9	72
254	A multicenter assessment of single-cell models aligned to standard measures of cell health for prediction of acute hepatotoxicity. <i>Archives of Toxicology</i> , <b>2017</b> , 91, 1385-1400	5.8	71

253	Lipid peroxidation, CYP2E1 and arachidonic acid metabolism in alcoholic liver disease in rats. <i>Journal of Nutrition</i> , <b>1997</b> , 127, 907S-911S	4.1	71
252	Hepatic expression of multiple acute phase proteins and down-regulation of nuclear receptors after acute endotoxin exposure. <i>Biochemical Pharmacology</i> , <b>2004</b> , 67, 1389-97	6	70
251	Massive rearrangements of cellular MicroRNA signatures are key drivers of hepatocyte dedifferentiation. <i>Hepatology</i> , <b>2016</b> , 64, 1743-1756	11.2	69
250	Acetone-regulated synthesis and degradation of cytochrome P450E1 and cytochrome P450B1 in rat liver [corrected]. <i>FEBS Journal</i> , <b>1991</b> , 198, 383-9		69
249	Linkage disequilibrium between the CYP2C19*17 allele and wildtype CYP2C8 and CYP2C9 alleles: identification of CYP2C haplotypes in healthy Nordic populations. <i>European Journal of Clinical Pharmacology</i> , <b>2010</b> , 66, 1199-205	2.8	68
248	Characterization of the CYP2D6*29 allele commonly present in a black Tanzanian population causing reduced catalytic activity. <i>Pharmacogenetics and Genomics</i> , <b>2001</b> , 11, 417-27		67
247	Human liver microsomal cytochrome P-450IIE1. Immunological evaluation of its contribution to microsomal ethanol oxidation, carbon tetrachloride reduction and NADPH oxidase activity. <i>Biochemical Pharmacology</i> , <b>1989</b> , 38, 689-93	6	67
246	Different structural requirements of the ligand binding domain of the aryl hydrocarbon receptor for high- and low-affinity ligand binding and receptor activation. <i>Molecular Pharmacology</i> , <b>2004</b> , 65, 416-423	4.3	65
245	Identification of CYP4F8 in human seminal vesicles as a prominent 19-hydroxylase of prostaglandin endoperoxides. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 21844-9	5.4	63
244	Comparative Proteomic Characterization of 4 Human Liver-Derived Single Cell Culture Models Reveals Significant Variation in the Capacity for Drug Disposition, Bioactivation, and Detoxication. <i>Toxicological Sciences</i> , <b>2015</b> , 147, 412-24	4.4	61
243	Update on allele nomenclature for human cytochromes P450 and the Human Cytochrome P450 Allele (CYP-allele) Nomenclature Database. <i>Methods in Molecular Biology</i> , <b>2013</b> , 987, 251-9	1.4	61
242	The African-specific CYP2D617 allele encodes an enzyme with changed substrate specificity. <i>Clinical Pharmacology and Therapeutics</i> , <b>2002</b> , 71, 77-88	6.1	61
241	Microsomal epoxide hydrolase polymorphisms and lung cancer risk: a quantitative review. <i>Biomarkers</i> , <b>2002</b> , 7, 230-41	2.6	61
240	Kupffer cell inactivation alleviates ethanol-induced steatosis and CYP2E1 induction but not inflammatory responses in rat liver. <i>Journal of Hepatology</i> , <b>2000</b> , 32, 900-10	13.4	61
239	Effect of CYP2D6 genotype on exposure and efficacy of risperidone and aripiprazole: a retrospective, cohort study. <i>Lancet Psychiatry</i> , <b>2019</b> , 6, 418-426	23.3	60
238	Mechanisms of down-regulation of CYP2E1 expression by inflammatory cytokines in rat hepatoma cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2003</b> , 304, 1048-54	4.7	60
237	Demonstration of a cytochrome P-450-dependent steroid 15beta-hydroxylase in <i>Bacillus megaterium</i> . <i>Biochemical and Biophysical Research Communications</i> , <b>1975</b> , 66, 1414-23	3.4	60
236	3D Primary Hepatocyte Culture Systems for Analyses of Liver Diseases, Drug Metabolism, and Toxicity: Emerging Culture Paradigms and Applications. <i>Biotechnology Journal</i> , <b>2019</b> , 14, e1800347	5.6	59



235	Cytochrome P450 1B1 gene polymorphisms and postmenopausal breast cancer risk. <i>Carcinogenesis</i> , <b>2003</b> , 24, 1533-9	4.6	59
234	Relationship between cytochrome P450 catalytic cycling and stability: fast degradation of ethanol-inducible cytochrome P450 2E1 (CYP2E1) in hepatoma cells is abolished by inactivation of its electron donor NADPH-cytochrome P450 reductase. <i>Biochemical Journal</i> , <b>1999</b> , 340, 453-458	3.8	59
233	Mutations in CYP1B1 cause primary congenital glaucoma by reduction of either activity or abundance of the enzyme. <i>Human Mutation</i> , <b>2008</b> , 29, 1147-53	4.7	58
232	Genetic variability in susceptibility and response to toxicants. <i>Toxicology Letters</i> , <b>2001</b> , 120, 259-68	4.4	58
231	Autoantibodies against cytochromes P-4502E1 and P-4503A in alcoholics. <i>Molecular Pharmacology</i> , <b>1999</b> , 55, 223-33	4.3	58
230	Potential role of epigenetic mechanisms in the regulation of drug metabolism and transport. <i>Drug Metabolism and Disposition</i> , <b>2013</b> , 41, 1725-31	4	57
229	Induction mechanisms of cytochrome P450 2E1 in liver: interplay between ethanol treatment and starvation. <i>Biochemical Pharmacology</i> , <b>1995</b> , 50, 155-61	6	57
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227	The Importance of Patient-Specific Factors for Hepatic Drug Response and Toxicity. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17,	6.3	56
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