

Peter I Mackenzie

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153
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153
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#	Paper	IF	Citations
153	The UDP glycosyltransferase gene superfamily: recommended nomenclature update based on evolutionary divergence. <i>Pharmacogenetics and Genomics</i> , 1997 , 7, 255-69		927
152	Nomenclature update for the mammalian UDP glycosyltransferase (UGT) gene superfamily. <i>Pharmacogenetics and Genomics</i> , 2005 , 15, 677-85	1.9	640
151	The UDP-glucuronosyltransferases: their role in drug metabolism and detoxification. <i>International Journal of Biochemistry and Cell Biology</i> , 2013 , 45, 1121-32	5.6	422
150	Structural and functional studies of UDP-glucuronosyltransferases. <i>Drug Metabolism Reviews</i> , 1999 , 31, 817-99	7	417
149	Human udp-glucuronosyltransferases: isoform selectivity and kinetics of 4-methylumbelliferone and 1-naphthol glucuronidation, effects of organic solvents, and inhibition by diclofenac and probenecid. <i>Drug Metabolism and Disposition</i> , 2004 , 32, 413-23	4	296
148	Drug glucuronidation in humans 1991 , 51, 347-69		282
147	The UDP glucuronosyltransferase gene superfamily: suggested nomenclature based on evolutionary divergence. <i>DNA and Cell Biology</i> , 1991 , 10, 487-94	3.6	241
146	Glucuronidation and the UDP-glucuronosyltransferases in health and disease. <i>Drug Metabolism and Disposition</i> , 2004 , 32, 281-90	4	209
145	Selectivity of substrate (trifluoperazine) and inhibitor (amitriptyline, androsterone, canrenoic acid, hecogenin, phenylbutazone, quinidine, quinine, and sulfipyrazone) "probes" for human udp-glucuronosyltransferases. <i>Drug Metabolism and Disposition</i> , 2006 , 34, 449-56	4	203
144	In vitro-in vivo correlation for drugs and other compounds eliminated by glucuronidation in humans: pitfalls and promises. <i>Biochemical Pharmacology</i> , 2006 , 71, 1531-9	6	192
143	Predicting human drug glucuronidation parameters: application of in vitro and in silico modeling approaches. <i>Annual Review of Pharmacology and Toxicology</i> , 2004 , 44, 1-25	17.9	189
142	The prediction of drug-glucuronidation parameters in humans: UDP-glucuronosyltransferase enzyme-selective substrate and inhibitor probes for reaction phenotyping and in vitro-in vivo extrapolation of drug clearance and drug-drug interaction potential. <i>Drug Metabolism Reviews</i> , 2010 , 42, 196-208	7	186
141	Tolbutamide and phenytoin hydroxylations by cDNA-expressed human liver cytochrome P4502C9. <i>Biochemical and Biophysical Research Communications</i> , 1991 , 175, 1112-8	3.4	182
140	Structure and function of uridine diphosphate glucuronosyltransferases. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1997 , 24, 907-15	3	177
139	Isoform selectivity and kinetics of morphine 3- and 6-glucuronidation by human udp-glucuronosyltransferases: evidence for atypical glucuronidation kinetics by UGT2B7. <i>Drug Metabolism and Disposition</i> , 2003 , 31, 1086-9	4	175
138	In vitro characterization of lamotrigine N2-glucuronidation and the lamotrigine-valproic acid interaction. <i>Drug Metabolism and Disposition</i> , 2006 , 34, 1055-62	4	173
137	Genetic polymorphisms of UDP-glucuronosyltransferases and their functional significance. <i>Toxicology</i> , 2002 , 181-182, 453-6	4.4	150

136	Quantitative prediction of in vivo inhibitory interactions involving glucuronidated drugs from in vitro data: the effect of fluconazole on zidovudine glucuronidation. <i>British Journal of Clinical Pharmacology</i> , 2006 , 61, 427-39	3.8	138
135	Human PXR variants and their differential effects on the regulation of human UDP-glucuronosyltransferase gene expression. <i>Drug Metabolism and Disposition</i> , 2004 , 32, 340-7	4	135
134	The "albumin effect" and drug glucuronidation: bovine serum albumin and fatty acid-free human serum albumin enhance the glucuronidation of UDP-glucuronosyltransferase (UGT) 1A9 substrates but not UGT1A1 and UGT1A6 activities. <i>Drug Metabolism and Disposition</i> , 2008 , 36, 1056-62	4	133
133	Binding of inhibitory fatty acids is responsible for the enhancement of UDP-glucuronosyltransferase 2B7 activity by albumin: implications for in vitro-in vivo extrapolation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007 , 321, 137-47	4.7	132
132	Differential glucuronidation of bile acids, androgens and estrogens by human UGT1A3 and 2B7. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1999 , 70, 101-8	5.1	120
131	Pharmacogenomics of human UDP-glucuronosyltransferases and irinotecan toxicity. <i>Molecular Pharmacology</i> , 2002 , 62, 446-50	4.3	97
130	Characterization of two UDP glucuronosyltransferases that are predominantly expressed in human colon. <i>Biochemical and Biophysical Research Communications</i> , 1998 , 247, 704-9	3.4	96
129	Regulation of UDP glucuronosyltransferases in the gastrointestinal tract. <i>Toxicology and Applied Pharmacology</i> , 2004 , 199, 354-63	4.6	95
128	The configuration of the 17-hydroxy group variably influences the glucuronidation of beta-estradiol and epiestradiol by human UDP-glucuronosyltransferases. <i>Drug Metabolism and Disposition</i> , 2008 , 36, 2307-15	4	94
127	UDP-glucuronosyltransferase, the role of the amino terminus in dimerization. <i>Journal of Biological Chemistry</i> , 1997 , 272, 26913-7	5.4	92
126	4-hydroxyretinoic acid, a novel substrate for human liver microsomal UDP-glucuronosyltransferase(s) and recombinant UGT2B7. <i>Journal of Biological Chemistry</i> , 2000 , 275, 6908-14	5.4	91
125	S-Naproxen and desmethylnaproxen glucuronidation by human liver microsomes and recombinant human UDP-glucuronosyltransferases (UGT): role of UGT2B7 in the elimination of naproxen. <i>British Journal of Clinical Pharmacology</i> , 2005 , 60, 423-33	3.8	87
124	Polymorphisms in UDP glucuronosyltransferase genes: functional consequences and clinical relevance. <i>Clinical Chemistry and Laboratory Medicine</i> , 2000 , 38, 889-92	5.9	81
123	Influence of mutations associated with Gilbert and Crigler-Najjar type II syndromes on the glucuronidation kinetics of bilirubin and other UDP-glucuronosyltransferase 1A substrates. <i>Pharmacogenetics and Genomics</i> , 2007 , 17, 1017-29	1.9	76
122	Isolation and characterization of full-length mouse cDNA and genomic clones of 3-methylcholanthrene-inducible cytochrome P1-450 and P3-450. <i>Gene</i> , 1984 , 29, 281-92	3.8	76
121	The glycosidation of xenobiotics and endogenous compounds: versatility and redundancy in the UDP glycosyltransferase superfamily. <i>Pharmacology & Therapeutics</i> , 2012 , 134, 200-18	13.9	75
120	The UDP-Glycosyltransferase (UGT) Superfamily: New Members, New Functions, and Novel Paradigms. <i>Physiological Reviews</i> , 2019 , 99, 1153-1222	47.9	70
119	Transcriptional regulation of human UDP-glucuronosyltransferase genes. <i>Drug Metabolism Reviews</i> , 2014 , 46, 421-58	7	70

118	A sensitive kinetic assay for UDPglucuronosyltransferase using 1-naphthol as substrate. <i>Analytical Biochemistry</i> , 1980 , 109, 362-8	3.1	70
117	Glucuronidation of Catechol Estrogens by Expressed Human UDP-Glucuronosyltransferases (UGTs) 1A1, 1A3, and 2B7. <i>Toxicological Sciences</i> , 1998 , 45, 52-57	4.4	69
116	Identification of uridine diphosphate glucuronosyltransferases involved in the metabolism and clearance of mycophenolic acid. <i>Therapeutic Drug Monitoring</i> , 2000 , 22, 10-3	3.2	68
115	Identification of UDP glycosyltransferase 3A1 as a UDP N-acetylglucosaminyltransferase. <i>Journal of Biological Chemistry</i> , 2008 , 283, 36205-10	5.4	67
114	The "albumin effect" and in vitro-in vivo extrapolation: sequestration of long-chain unsaturated fatty acids enhances phenytoin hydroxylation by human liver microsomal and recombinant cytochrome P450 2C9. <i>Drug Metabolism and Disposition</i> , 2008 , 36, 870-7	4	66
113	The regio- and stereo-selectivity of C19 and C21 hydroxysteroid glucuronidation by UGT2B7 and UGT2B11. <i>Archives of Biochemistry and Biophysics</i> , 1997 , 341, 207-11	4.1	63
112	Coordinate regulation of the human UDP-glucuronosyltransferase 1A8, 1A9, and 1A10 genes by hepatocyte nuclear factor 1alpha and the caudal-related homeodomain protein 2. <i>Molecular Pharmacology</i> , 2004 , 65, 953-63	4.3	63
111	Glucuronidation of catechol estrogens by expressed human UDP-glucuronosyltransferases (UGTs) 1A1, 1A3, and 2B7. <i>Toxicological Sciences</i> , 1998 , 45, 52-7	4.4	62
110	Modulation of UDP-glucuronosyltransferase function by cytochrome P450: evidence for the alteration of UGT2B7-catalyzed glucuronidation of morphine by CYP3A4. <i>Molecular Pharmacology</i> , 2005 , 67, 665-72	4.3	60
109	The human UDP glucuronosyltransferase, UGT1A10, glucuronidates mycophenolic acid. <i>Biochemical and Biophysical Research Communications</i> , 1997 , 238, 775-8	3.4	59
108	Interactions with other human UDP-glucuronosyltransferases attenuate the consequences of the Y485D mutation on the activity and substrate affinity of UGT1A6. <i>Pharmacogenetics and Genomics</i> , 2007 , 17, 115-26	1.9	58
107	Inhibition of UDP-glucuronosyltransferase 2b7-catalyzed morphine glucuronidation by ketoconazole: dual mechanisms involving a novel noncompetitive mode. <i>Drug Metabolism and Disposition</i> , 2006 , 34, 1277-82	4	57
106	The novel UDP glycosyltransferase 3A2: cloning, catalytic properties, and tissue distribution. <i>Molecular Pharmacology</i> , 2011 , 79, 472-8	4.3	56
105	Human UDP-glucuronosyltransferase 1A5: identification, expression, and activity. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005 , 315, 1143-9	4.7	56
104	Expression of androgen receptor splice variants in clinical breast cancers. <i>Oncotarget</i> , 2015 , 6, 44728-443.3	3.3	56
103	Inhibition of human UDP-glucuronosyltransferase enzymes by lapatinib, pazopanib, regorafenib and sorafenib: Implications for hyperbilirubinemia. <i>Biochemical Pharmacology</i> , 2017 , 129, 85-95	6	51
102	The regulation of UDP-glucuronosyltransferase genes by tissue-specific and ligand-activated transcription factors. <i>Drug Metabolism Reviews</i> , 2010 , 42, 99-109	7	51
101	Kinetic modeling of the interactions between 4-methylumbelliferone, 1-naphthol, and zidovudine glucuronidation by udp-glucuronosyltransferase 2B7 (UGT2B7) provides evidence for multiple substrate binding and effector sites. <i>Molecular Pharmacology</i> , 2008 , 74, 1152-62	4.3	50

100	Identification of androgen receptor splice variant transcripts in breast cancer cell lines and human tissues. <i>Hormones and Cancer</i> , 2014 , 5, 61-71	5	48
99	Influence of N-terminal domain histidine and proline residues on the substrate selectivities of human UDP-glucuronosyltransferase 1A1, 1A6, 1A9, 2B7, and 2B10. <i>Drug Metabolism and Disposition</i> , 2009 , 37, 1948-55	4	48
98	Critical roles of residues 36 and 40 in the phenol and tertiary amine aglycone substrate selectivities of UDP-glucuronosyltransferases 1A3 and 1A4. <i>Molecular Pharmacology</i> , 2007 , 72, 1054-62	4.3	48
97	Isolation, sequence, and developmental expression of rat UGT2B2: the gene encoding a constitutive UDP glucuronosyltransferase that metabolizes etiocholanolone and androsterone. <i>DNA and Cell Biology</i> , 1991 , 10, 515-24	3.6	48
96	Purification and immunochemical characterization of a low-pI form of UDP glucuronosyltransferase from mouse liver. <i>Archives of Biochemistry and Biophysics</i> , 1984 , 231, 487-97	4.1	47
95	Plasma extracellular nanovesicle (exosome)-derived biomarkers for drug metabolism pathways: a novel approach to characterize variability in drug exposure. <i>British Journal of Clinical Pharmacology</i> , 2019 , 85, 216-226	3.8	46
94	Morphine glucuronidation and glucosidation represent complementary metabolic pathways that are both catalyzed by UDP-glucuronosyltransferase 2B7: kinetic, inhibition, and molecular modeling studies. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014 , 349, 126-37	4.7	45
93	Cleavage of nascent UDP glucuronosyltransferase from rat liver by dog pancreatic microsomes. <i>Biochemical and Biophysical Research Communications</i> , 1984 , 122, 1441-9	3.4	45
92	Relationship between hyperbilirubinaemia and UDP-glucuronosyltransferase 1A1 (UGT1A1) polymorphism in adult HIV-infected Thai patients treated with indinavir. <i>Pharmacogenetics and Genomics</i> , 2006 , 16, 321-9	1.9	43
91	The role of glucuronidation in 7-ethyl-10-hydroxycamptothecin resistance in vitro. <i>Japanese Journal of Cancer Research</i> , 1997 , 88, 1211-7		42
90	Amino terminal domains of human UDP-glucuronosyltransferases (UGT) 2B7 and 2B15 associated with substrate selectivity and autoactivation. <i>Biochemical Pharmacology</i> , 2007 , 73, 1463-73	6	41
89	Steroid UDP glucuronosyltransferases. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1992 , 43, 1099-105	5.1	41
88	Genetic polymorphisms of human UDP-glucuronosyltransferase (UGT) genes and cancer risk. <i>Drug Metabolism Reviews</i> , 2016 , 48, 47-69	7	40
87	Estrogen receptor alpha, fos-related antigen-2, and c-Jun coordinately regulate human UDP glucuronosyltransferase 2B15 and 2B17 expression in response to 17beta-estradiol in MCF-7 cells. <i>Molecular Pharmacology</i> , 2009 , 76, 425-39	4.3	40
86	A novel function for UDP glycosyltransferase 8: galactosidation of bile acids. <i>Molecular Pharmacology</i> , 2015 , 87, 442-50	4.3	38
85	Interaction of cytochrome P450 3A4 and UDP-glucuronosyltransferase 2B7: evidence for protein-protein association and possible involvement of CYP3A4 J-helix in the interaction. <i>Molecular Pharmacology</i> , 2009 , 75, 956-64	4.3	38
84	Localization of uridine 5Sdiphosphate-glucuronosyltransferase in human liver injury. <i>Gastroenterology</i> , 1995 , 108, 1464-9	13.3	37
83	Androgen and Estrogen Receptors in Breast Cancer Coregulate Human UDP-Glucuronosyltransferases 2B15 and 2B17. <i>Cancer Research</i> , 2016 , 76, 5881-5893	10.1	37

82	UGT1A10 is responsible for SN-38 glucuronidation and its expression in human lung cancers. <i>Anticancer Research</i> , 2004 , 24, 2893-6	2-3	37
81	Protein-protein interactions between rat hepatic cytochromes P450 (P450s) and UDP-glucuronosyltransferases (UGTs): evidence for the functionally active UGT in P450-UGT complex. <i>Drug Metabolism and Pharmacokinetics</i> , 2007 , 22, 367-76	2.2	36
80	Glucosidation of hyodeoxycholic acid by UDP-glucuronosyltransferase 2B7. <i>Biochemical Pharmacology</i> , 2003 , 65, 417-21	6	36
79	UGT3A: novel UDP-glycosyltransferases of the UGT superfamily. <i>Drug Metabolism Reviews</i> , 2010 , 42, 45-54	7	35
78	Regulation of Human UGT2B15 and UGT2B17 by miR-376c in Prostate Cancer Cell Lines. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015 , 354, 417-25	4-7	34
77	Differences in UDP-glucuronosyltransferase activities in congenic inbred rats homozygous and heterozygous for the jaundice locus. <i>Biochemical Pharmacology</i> , 1983 , 32, 3777-81	6	34
76	Epirubicin upregulates UDP glucuronosyltransferase 2B7 expression in liver cancer cells via the p53 pathway. <i>Molecular Pharmacology</i> , 2014 , 85, 887-97	4-3	33
75	Modulation of UDP-glucuronosyltransferase 2B7 function by cytochrome P450s in vitro: differential effects of CYP1A2, CYP2C9 and CYP3A4. <i>Biological and Pharmaceutical Bulletin</i> , 2005 , 28, 2026-7	2-3	32
74	Characterization of the binding of drugs to human intestinal fatty acid binding protein (IFABP): potential role of IFABP as an alternative to albumin for in vitro-in vivo extrapolation of drug kinetic parameters. <i>Drug Metabolism and Disposition</i> , 2009 , 37, 1395-403	4	30
73	Mutational analysis of the carboxy-terminal region of UDP-glucuronosyltransferase 2B1. <i>DNA and Cell Biology</i> , 1996 , 15, 489-94	3.6	30
72	A novel polymorphism in a forkhead box A1 (FOXA1) binding site of the human UDP glucuronosyltransferase 2B17 gene modulates promoter activity and is associated with altered levels of circulating androstane-3 β -7 α -diol glucuronide. <i>Molecular Pharmacology</i> , 2010 , 78, 714-22	4-3	29
71	Tissue specific differences in the regulation of the UDP glucuronosyltransferase 2B17 gene promoter. <i>Pharmacogenetics and Genomics</i> , 2000 , 10, 809-20		29
70	Alteration of the function of the UDP-glucuronosyltransferase 1A subfamily by cytochrome P450 3A4: different susceptibility for UGT isoforms and UGT1A1/7 variants. <i>Drug Metabolism and Disposition</i> , 2014 , 42, 229-38	4	28
69	Isolation of the UDP-glucuronosyltransferase 1A3 and 1A4 proximal promoters and characterization of their dependence on the transcription factor hepatocyte nuclear factor 1alpha. <i>Drug Metabolism and Disposition</i> , 2007 , 35, 116-20	4	27
68	Hepatocyte nuclear factor1 transcription factors are essential for the UDP-glucuronosyltransferase 1A9 promoter response to hepatocyte nuclear factor 4alpha. <i>Pharmacogenetics and Genomics</i> , 2007 , 17, 25-36	1.9	27
67	The homeodomain Pbx2-Prep1 complex modulates hepatocyte nuclear factor 1alpha-mediated activation of the UDP-glucuronosyltransferase 2B17 gene. <i>Molecular Pharmacology</i> , 2002 , 62, 154-61	4-3	27
66	Sulfinpyrazone C-glucuronidation is catalyzed selectively by human UDP-glucuronosyltransferase 1A9. <i>Drug Metabolism and Disposition</i> , 2006 , 34, 1950-3	4	26
65	Deregulation of the Genes that Are Involved in Drug Absorption, Distribution, Metabolism, and Excretion in Hepatocellular Carcinoma. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019 , 368, 363-381	4-7	26

64	Cloning and characterization of the human UDP-glucuronosyltransferase 1A8, 1A9, and 1A10 gene promoters: differential regulation through an interior-like region. <i>Journal of Biological Chemistry</i> , 2003 , 278, 36107-14	5-4	25
63	Homodimerization of UDP-glucuronosyltransferase 2B7 (UGT2B7) and identification of a putative dimerization domain by protein homology modeling. <i>Biochemical Pharmacology</i> , 2011 , 82, 2016-23	6	23
62	Human UDP-glucuronosyltransferase expression in insect cells: ratio of active to inactive recombinant proteins and the effects of a C-terminal his-tag on glucuronidation kinetics. <i>Drug Metabolism and Disposition</i> , 2012 , 40, 1935-44	4	23
61	Identification of residues that confer sugar selectivity to UDP-glycosyltransferase 3A (UGT3A) enzymes. <i>Journal of Biological Chemistry</i> , 2012 , 287, 24122-30	5-4	23
60	HNF1 alpha activates the rat UDP glucuronosyltransferase UGT2B1 gene promoter. <i>DNA and Cell Biology</i> , 1997 , 16, 207-14	3.6	23
59	The effect of N-linked glycosylation on the substrate preferences of UDP glucuronosyltransferases. <i>Biochemical and Biophysical Research Communications</i> , 1990 , 166, 1293-9	3-4	23
58	Induction of human UDP-Glucuronosyltransferase 2B7 gene expression by cytotoxic anticancer drugs in liver cancer HepG2 cells. <i>Drug Metabolism and Disposition</i> , 2015 , 43, 660-8	4	21
57	The Nonspecific Binding of Tyrosine Kinase Inhibitors to Human Liver Microsomes. <i>Drug Metabolism and Disposition</i> , 2015 , 43, 1934-7	4	21
56	Effects of amino acid substitutions at positions 33 and 37 on UDP-glucuronosyltransferase 1A9 (UGT1A9) activity and substrate selectivity. <i>Biochemical Pharmacology</i> , 2012 , 84, 1511-21	6	20
55	Forkhead box protein A1 regulates UDP-glucuronosyltransferase 2B15 gene transcription in LNCaP prostate cancer cells. <i>Drug Metabolism and Disposition</i> , 2010 , 38, 2105-9	4	19
54	Recent advances in the in silico modelling of UDP glucuronosyltransferase substrates. <i>Current Drug Metabolism</i> , 2008 , 9, 60-9	3-5	19
53	The caudal-related homeodomain protein Cdx2 and hepatocyte nuclear factor 1alpha cooperatively regulate the UDP-glucuronosyltransferase 2B7 gene promoter. <i>Pharmacogenetics and Genomics</i> , 2006 , 16, 527-36	1.9	19
52	UDP glucuronosyltransferase in the cirrhotic rat liver. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 1996 , 11, 373-9	4	19
51	Activation of ALDH1A1 in MDA-MB-468 breast cancer cells that over-express CYP2J2 protects against paclitaxel-dependent cell death mediated by reactive oxygen species. <i>Biochemical Pharmacology</i> , 2017 , 143, 79-89	6	18
50	Cell-free translation of mouse liver mRNA coding for two forms of UDP glucuronosyltransferase. <i>Archives of Biochemistry and Biophysics</i> , 1984 , 230, 676-80	4.1	18
49	Suppression of Cytochrome P450 3A4 Function by UDP-Glucuronosyltransferase 2B7 through a Protein-Protein Interaction: Cooperative Roles of the Cytosolic Carboxyl-Terminal Domain and the Luminal Anchoring Region. <i>Molecular Pharmacology</i> , 2015 , 88, 800-12	4-3	17
48	Insights into the UDP-sugar selectivities of human UDP-glycosyltransferases (UGT): a molecular modeling perspective. <i>Drug Metabolism Reviews</i> , 2015 , 47, 335-45	7	17
47	Regulation of UDP-Glucuronosyltransferases UGT2B4 and UGT2B7 by MicroRNAs in Liver Cancer Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017 , 361, 386-397	4-7	16

46	Human UDP-Glucuronosyltransferases: Effects of altered expression in breast and pancreatic cancer cell lines. <i>Cancer Biology and Therapy</i> , 2015 , 16, 714-23	4.6	15
45	Carboxylic acid drug-induced DNA nicking in HEK293 cells expressing human UDP-glucuronosyltransferases: role of acyl glucuronide metabolites and glycation pathways. <i>Chemical Research in Toxicology</i> , 2007 , 20, 1520-7	4	15
44	Inhibitory effects of adenine nucleotides and related substances on UDP-glucuronosyltransferase: structure-effect relationships and evidence for an allosteric mechanism. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2007 , 1770, 1557-66	4	15
43	The UGTome: The expanding diversity of UDP glycosyltransferases and its impact on small molecule metabolism. <i>Pharmacology & Therapeutics</i> , 2019 , 204, 107414	13.9	14
42	Polymorphisms and haplotypes of the UDP-glucuronosyltransferase 2B7 gene promoter. <i>Drug Metabolism and Disposition</i> , 2014 , 42, 854-62	4	14
41	Transporter-mediated uptake of UDP-glucuronic acid by human liver microsomes: assay conditions, kinetics, and inhibition. <i>Drug Metabolism and Disposition</i> , 2015 , 43, 147-53	4	14
40	Identification and characterization of functional hepatocyte nuclear factor 1-binding sites in UDP-glucuronosyltransferase genes. <i>Methods in Enzymology</i> , 2005 , 400, 22-46	1.7	14
39	Bile acid glucuronidation by rat liver microsomes and cDNA-expressed UDP-glucuronosyltransferases. <i>BBA - Proteins and Proteomics</i> , 1994 , 1205, 75-82		14
38	Application of homology modeling to generate CYP1A1 mutants with enhanced activation of the cancer chemotherapeutic prodrug dacarbazine. <i>Molecular Pharmacology</i> , 2011 , 80, 879-88	4.3	13
37	Inhibition of morphine glucuronidation in the liver microsomes of rats and humans by monoterpenoid alcohols. <i>Biological and Pharmaceutical Bulletin</i> , 2012 , 35, 1811-7	2.3	12
36	Fatty acyl-CoA as an endogenous activator of UDP-glucuronosyltransferases. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 345, 1649-56	3.4	12
35	Localization of UDP glucuronosyltransferase gene(s) on mouse chromosome 5. <i>Somatic Cell and Molecular Genetics</i> , 1987 , 13, 179-82		12
34	Effect of different detergent systems on the molecular size of UDP glucuronosyltransferase and other microsomal drug-metabolizing enzymes. <i>Membrane Biochemistry</i> , 1984 , 5, 193-207		11
33	Induction of UDP-glucuronosyltransferase 2B15 gene expression by the major active metabolites of tamoxifen, 4-hydroxytamoxifen and endoxifen, in breast cancer cells. <i>Drug Metabolism and Disposition</i> , 2015 , 43, 889-97	4	10
32	Separation of different UDP glucuronosyltransferase activities according to charge heterogeneity by chromatofocusing using mouse liver microsomes. Three major types of aglycones. <i>Biochemical Pharmacology</i> , 1985 , 34, 737-46	6	10
31	Effects of <i>Andrographis paniculata</i> and <i>Orthosiphon stamineus</i> extracts on the glucuronidation of 4-methylumbelliferone in human UGT isoforms. <i>Molecules</i> , 2010 , 15, 3578-92	4.8	9
30	Purification of a form of mouse liver UDP glucuronosyltransferase which glucuronidates androgens. <i>The Journal of Steroid Biochemistry</i> , 1983 , 19, 1097-102		9
29	Advances in drug metabolism and pharmacogenetics research in Australia. <i>Pharmacological Research</i> , 2017 , 116, 7-19	10.2	8

28	Pro-migratory actions of the prostacyclin receptor in human breast cancer cells that over-express cyclooxygenase-2. <i>Biochemical Pharmacology</i> , 2015 , 96, 306-14	6	8
27	The In Vitro Characterization of Inhibitory Drug-Drug Interactions Involving UDP-Glucuronosyltransferase 2010 , 217-236		8
26	Differential induction of UDP glucuronosyltransferase activities towards various substrates after polycyclic aromatic hydrocarbon administration to rats. <i>Toxicology Letters</i> , 1982 , 12, 259-63	4.4	8
25	Introduction of an -Glycosylation Site into UDP-Glucuronosyltransferase 2B3 Alters Its Sensitivity to Cytochrome P450 3A1-Dependent Modulation. <i>Frontiers in Pharmacology</i> , 2016 , 7, 427	5.6	8
24	Comprehensive Characterization of Mouse UDP-Glucuronosyltransferase (Ugt) Belonging to the Ugt2b Subfamily: Identification of Ugt2b36 as the Predominant Isoform Involved in Morphine Glucuronidation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017 , 361, 199-208	4.7	7
23	Regulation of UDP-Glucuronosyltransferase 2B15 by miR-331-5p in Prostate Cancer Cells Involves Canonical and Noncanonical Target Sites. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018 , 365, 48-59	4.7	7
22	UDPglucosyltransferase and its kinetic fluorimetric assay. <i>FEBS Journal</i> , 1983 , 130, 141-5		7
21	A comparison of the isoelectric points of mouse liver UDP-glucuronosyltransferase enzymes conjugating the twelve benzo[a]pyrene phenols. <i>Biochemical and Biophysical Research Communications</i> , 1982 , 109, 1075-82	3.4	7
20	Cooperative Regulation of Intestinal UDP-Glucuronosyltransferases 1A8, -1A9, and 1A10 by CDX2 and HNF4 Is Mediated by a Novel Composite Regulatory Element. <i>Molecular Pharmacology</i> , 2018 , 93, 541-552	4.3	6
19	Intergenic Splicing between Four Adjacent Genes () Gives Rise to Variant UGT Proteins That Inhibit Glucuronidation via Protein-Protein Interactions. <i>Molecular Pharmacology</i> , 2018 , 94, 938-952	4.3	6
18	Characterization of the comparative drug binding to intra- (liver fatty acid binding protein) and extra- (human serum albumin) cellular proteins. <i>Xenobiotica</i> , 2015 , 45, 847-57	2	5
17	Activation of the pro-migratory bone morphogenetic protein receptor 1B gene in human MDA-MB-468 triple-negative breast cancer cells that over-express CYP2J2. <i>International Journal of Biochemistry and Cell Biology</i> , 2016 , 80, 173-178	5.6	5
16	Novel Nine-Exon AR Transcripts (Exon 1/Exon 1b/Exons 2-8) in Normal and Cancerous Breast and Prostate Cells. <i>International Journal of Molecular Sciences</i> , 2016 , 18,	6.3	5
15	UDP-Glucuronosyltransferase (UGT)-mediated attenuations of cytochrome P450 3A4 activity: UGT isoform-dependent mechanism of suppression. <i>British Journal of Pharmacology</i> , 2020 , 177, 1077-1089	8.6	5
14	The Expression Profiles of ADME Genes in Human Cancers and Their Associations with Clinical Outcomes. <i>Cancers</i> , 2020 , 12,	6.6	5
13	Exemestane and Its Active Metabolite 17-Hydroexemestane Induce UDP-Glucuronosyltransferase (UGT) 2B17 Expression in Breast Cancer Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2017 , 361, 482-491	4.7	4
12	Hetero-oligomer formation of mouse UDP-glucuronosyltransferase (UGT) 2b1 and 1a1 results in the gain of glucuronidation activity towards morphine, an activity which is absent in homo-oligomers of either UGT. <i>Biochemical and Biophysical Research Communications</i> , 2020 , 525, 348-353	3.4	3
11	Coexpression of Human Hepatic Uridine Diphosphate Glucuronosyltransferase Proteins: Implications for Ontogenetic Mechanisms and Isoform Coregulation. <i>Journal of Clinical Pharmacology</i> , 2020 , 60, 722-733	2.9	3

10	The Expression Profiles and Deregulation of UDP-Glycosyltransferase () Genes in Human Cancers and Their Association with Clinical Outcomes. <i>Cancers</i> , 2021 , 13,	6.6	3
9	Investigation of the Endoplasmic Reticulum Localization of UDP-Glucuronosyltransferase 2B7 with Systematic Deletion Mutants. <i>Molecular Pharmacology</i> , 2019 , 95, 551-562	4.3	2
8	Differential induction and glycosylation of UDP-glucuronosyltransferase. <i>Biochemical Society Transactions</i> , 1984 , 12, 54-5	5.1	2
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6	The carboxyl-terminal di-lysine motif is essential for catalytic activity of UDP-glucuronosyltransferase 1A9. <i>Drug Metabolism and Pharmacokinetics</i> , 2020 , 35, 466-474	2.2	1
5	Potential Novel Role of UDP Glucuronosyltransferases 2B11 and 2B28 in Crosstalk Between Androgen and Lipid Signalling. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	1
4	Drug and Chemical Glucosidation by Control Supersomes and Membranes from (Sf) 9 Cells: Implications for the Apparent Glucuronidation of Xenobiotics by UDP-glucuronosyltransferase 1A5. <i>Drug Metabolism and Disposition</i> , 2019 , 47, 271-278	4	1
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