Bruno Stieger

List of Publications by Year in descending order

228 papers	21,623 citations	9264 74 h-index	9861 141 g-index
538 all docs	538 docs citations	538 times ranked	13461 citing authors

#	Article	IF	Citations
1	Recent advances in 2D and 3D in vitro systems using primary hepatocytes, alternative hepatocyte sources and non-parenchymal liver cells and their use in investigating mechanisms of hepatotoxicity, cell signaling and ADME. Archives of Toxicology, 2013, 87, 1315-1530.	4.2	1,089
2	The Sister of P-glycoprotein Represents the Canalicular Bile Salt Export Pump of Mammalian Liver. Journal of Biological Chemistry, 1998, 273, 10046-10050.	3.4	837
3	Organic anion-transporting polypeptide B (OATP-B) and its functional comparison with three other OATPs of human liver. Gastroenterology, 2001, 120, 525-533.	1.3	682
4	Enterohepatic bile salt transporters in normal physiology and liver disease. Gastroenterology, 2004, 126, 322-342.	1.3	592
5	Drug- and estrogen-induced cholestasis through inhibition of the hepatocellular bile salt export pump (Bsep) of rat liver. Gastroenterology, 2000, 118, 422-430.	1.3	550
6	St John's Wort induces intestinal P-glycoprotein/MDR1 and intestinal and hepatic CYP3A4. Clinical Pharmacology and Therapeutics, 2000, 68, 598-604.	4.7	515
7	Expression cloning of a rat liver Na(+)-independent organic anion transporter.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 133-137.	7.1	508
8	Functional expression cloning and characterization of the hepatocyte Na+/bile acid cotransport system.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 10629-10633.	7.1	450
9	The endothelin antagonist bosentan inhibits the canalicular bile salt export pump: A potential mechanism for hepatic adverse reactions. Clinical Pharmacology and Therapeutics, 2001, 69, 223-231.	4.7	444
10	A high yield preparation for rat kidney brush border membranes Different behaviour of lysosomal markers. Biochimica Et Biophysica Acta - Biomembranes, 1981, 647, 169-176.	2.6	416
11	Molecular and functional characterization of an organic anion transporting polypeptide cloned from human liver. Gastroenterology, 1995, 109, 1274-1282.	1.3	388
12	Isolation of a multispecific organic anion and cardiac glycoside transporter fromâ€‰ratâ€‰brain. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 10346-10350.	7.1	376
13	Substrate specificity of sinusoidal bile acid and organic anion uptake systems in rat and human liver. Hepatology, 1997, 26, 1667-1677.	7.3	349
14	Hepatocellular carcinoma in ten children under five years of age with bile salt export pump deficiency. Hepatology, 2006, 44, 478-486.	7.3	345
15	Severe Bile Salt Export Pump Deficiency: 82 Different ABCB11 Mutations in 109 Families. Gastroenterology, 2008, 134, 1203-1214.e8.	1.3	331
16	The SLCO (former SLC21) superfamily of transporters. Molecular Aspects of Medicine, 2013, 34, 396-412.	6.4	312
17	Mutations and polymorphisms in the bile salt export pump and the multidrug resistance protein 3 associated with drug-induced liver injury. Pharmacogenetics and Genomics, 2007, 17, 47-60.	1.5	301
18	Identification of a Novel Human Organic Anion Transporting Polypeptide as a High Affinity Thyroxine Transporter. Molecular Endocrinology, 2002, 16, 2283-2296.	3.7	287

#	Article	IF	Citations
19	Localization of the Organic Anion Transporting Polypeptide 2 (Oatp2) in Capillary Endothelium and Choroid Plexus Epithelium of Rat Brain. Journal of Histochemistry and Cytochemistry, 1999, 47, 1255-1263.	2.5	286
20	Bosentan Is a Substrate of Human OATP1B1 and OATP1B3: Inhibition of Hepatic Uptake as the Common Mechanism of Its Interactions with Cyclosporin A, Rifampicin, and Sildenafil. Drug Metabolism and Disposition, 2007, 35, 1400-1407.	3.3	284
21	Physiological and Biochemical Basis of Clinical Liver Function Tests. Annals of Surgery, 2013, 257, 27-36.	4.2	269
22	Hepatic Transport of Bile Salts. Seminars in Liver Disease, 2000, Volume 20, 273-292.	3.6	255
23	Effects of Ursodeoxycholic and Cholic Acid Feeding on Hepatocellular Transporter Expression in Mouse Liver. Gastroenterology, 2001, 121, 170-183.	1.3	254
24	Functional expression of the canalicular bile salt export pump of human liver. Gastroenterology, 2002, 123, 1659-1666.	1.3	252
25	Transporters involved in the hepatic uptake of 99mTc-mebrofenin and indocyanine green. Journal of Hepatology, 2011, 54, 738-745.	3.7	245
26	Expression of the bile salt export pump is maintained after chronic cholestasis in the rat. Gastroenterology, 2000, 118, 163-172.	1.3	240
27	ATP8B1 and ABCB11 analysis in 62 children with normal gamma-glutamyl transferase progressive familial intrahepatic cholestasis (PFIC): Phenotypic differences between PFIC1 and PFIC2 and natural history. Hepatology, 2010, 51, 1645-1655.	7.3	236
28	The Role of the Sodium-Taurocholate Cotransporting Polypeptide (NTCP) and of the Bile Salt Export Pump (BSEP) in Physiology and Pathophysiology of Bile Formation. Handbook of Experimental Pharmacology, 2011, , 205-259.	1.8	230
29	Transport Function and Hepatocellular Localization of mrp6 in Rat Liver. Molecular Pharmacology, 2000, 57, 634-641.	2.3	214
30	Regulation of Drug Transporter Expression in Human Hepatocytes Exposed to the Proinflammatory Cytokines Tumor Necrosis Factor-Î± or Interleukin-6. Drug Metabolism and Disposition, 2009, 37, 685-693.	3.3	214
31	In situ localization of the hepatocytic na+/taurocholate cotransporting polypeptide in rat liver. Gastroenterology, 1994, 107, 1781-1787.	1.3	212
32	Interindividual variability of canalicular ATP-binding-cassette (ABC)-transporter expression in human liver. Hepatology, 2006, 44, 62-74.	7.3	211
33	Localization and function of the organic anionâ€“transporting polypeptide Oatp2 in rat liver. Gastroenterology, 1999, 117, 688-695.	1.3	209
34	The bile salt export pump. Pflugers Archiv European Journal of Physiology, 2007, 453, 611-620.	2.8	201
35	Genetics is a major determinant of expression of the human hepatic uptake transporter OATP1B1, but not of OATP1B3 and OATP2B1. Genome Medicine, 2013, 5, 1.	8.2	198
36	Identification of Thyroid Hormone Transporters. Biochemical and Biophysical Research Communications, 1999, 254, 497-501.	2.1	166

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37	Localization of organic anion transporting polypeptide 4 (Oatp4) in rat liver and comparison of its substrate specificity with Oatp1, Oatp2 and Oatp3. Pflugers Archiv European Journal of Physiology, 2001, 443, 188-195.	2.8	159
38	Hepatic uptake of cholecystokinin octapeptide by organic anion-transporting polypeptides OATP4 and OATP8 of rat and human liver. Gastroenterology, 2001, 121, 1185-1190.	1.3	156
39	Enterohepatic transport of bile salts and genetics of cholestasis. Journal of Hepatology, 2005, 43, 342-357.	3.7	153
40	Mechanisms of pH-gradient driven transport mediated by organic anion polypeptide transporters. American Journal of Physiology - Cell Physiology, 2009, 296, C570-C582.	4.6	151
41	Increased susceptibility for intrahepatic cholestasis of pregnancy and contraceptive-induced cholestasis in carriers of the 1331T>C polymorphism in the bile salt export pump. World Journal of Gastroenterology, 2008, 14, 38.	3.3	148
42	Characterization of two splice variants of human organic anion transporting polypeptide 3A1 isolated from human brain. American Journal of Physiology - Cell Physiology, 2007, 292, C795-C806.	4.6	142
43	Impaired expression and function of the bile salt export pump due to three novel ABCB11 mutations in intrahepatic cholestasis. Journal of Hepatology, 2005, 43, 536-543.	3.7	141
44	Effect of pregnane X receptor ligands on transport mediated by human OATP1B1 and OATP1B3. European Journal of Pharmacology, 2008, 584, 57-65.	3.5	140
45	Organic Anion-Transporting Polypeptides. Current Topics in Membranes, 2014, 73, 205-232.	0.9	136
46	Identification of organic anion transporting polypeptide 4 (Oatp4) as a major full-length isoform of the liver-specific transporter-1 (rlst-1) in rat liver. FEBS Letters, 2000, 474, 242-245.	2.8	130
47	Functional characterization of the basolateral rat liver organic anion transporting polypeptide. Hepatology, 1994, 20, 411-416.	7.3	127
48	Diverse Functional Properties of Wilson Disease ATP7B Variants. Gastroenterology, 2012, 142, 947-956.e5.	1.3	125
49	Distribution and functional activity of P-glycoprotein and multidrug resistance-associated proteins in human brain microvascular endothelial cells in hippocampal sclerosis. Epilepsy Research, 2006, 68, 213-228.	1.6	120
50	Sodium-dependent bile salt transporters of the SLC10A transporter family: more than solute transporters. Pflugers Archiv European Journal of Physiology, 2014, 466, 77-89.	2.8	119
51	Impaired uptake of conjugated bile acids and hepatitis b virus pres1â€b inding in na+â€taurocholate cotransporting polypeptide knockout mice. Hepatology, 2015, 62, 207-219.	7.3	116
52	Down-Regulation of Organic Anion Transporter Expression in Human Hepatocytes Exposed to the Proinflammatory Cytokine Interleukin 1Î². Drug Metabolism and Disposition, 2008, 36, 217-222.	3.3	115
53	Structure-Based Identification of OATP1B1/3 Inhibitors. Molecular Pharmacology, 2013, 83, 1257-1267.	2.3	110
54	Role of the bile salt export pump, BSEP, in acquired forms of cholestasis. Drug Metabolism Reviews, 2010, 42, 437-445.	3.6	109

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55	Biliary excretion in primary rat hepatocytes cultured in a collagen-sandwich configuration. American Journal of Physiology - Renal Physiology, 1999, 277, G12-G21.	3.4	105
56	Isolation of renal proximal tubular brush-border membranes. Nature Protocols, 2007, 2, 1356-1359.	12.0	105
57	Protective effects of farnesoid X receptor (FXR) on hepatic lipid accumulation are mediated by hepatic FXR and independent of intestinal FGF15 signal. Liver International, 2015, 35, 1133-1144.	3.9	104
58	Pharmacogenetics of OATP (SLC21/SLCO), OAT and OCT (SLC22) and PEPT (SLC15) transporters in the intestine, liver and kidney. Pharmacogenomics, 2008, 9, 597-624.	1.3	103
59	Cholestatic expression pattern of sinusoidal and canalicular organic anion transport systems in primary cultured rat hepatocytes. Hepatology, 2001, 33, 776-782.	7.3	100
60	Expression of the liver Na+-independent organic anion transporting polypeptide (oatp-1) in rats with bile duct ligation. Journal of Hepatology, 1997, 27, 1051-1056.	3.7	98
61	Parallel decrease of Na+ -taurocholate cotransport and its encoding mRNA in primary cultures of rat hepatocytes. Hepatology, 1993, 18, 1162-1166.	7.3	95
62	Genetic Variability, Haplotype Structures, and Ethnic Diversity of Hepatic Transporters MDR3 (ABCB4) and Bile Salt Export Pump (ABCB11). Drug Metabolism and Disposition, 2006, 34, 1582-1599.	3.3	95
63	Differential expression of basolateral and canalicular organic anion transporters during regeneration of rat liver. Gastroenterology, 1999, 117, 1408-1415.	1.3	93
64	Hepatobiliary organic anion transporters are differentially regulated in acute toxic liver injury induced by carbon tetrachloride. Journal of Hepatology, 2002, 37, 198-205.	3.7	90
65	Combined effect of 25â€<scp>OH</scp> vitamin D plasma levels and genetic <scp><scp>V</scp></scp>itamin <scp><scp>D</scp><scp>R</scp></scp>eceptor (<scp><scp>NR 1I1</scp></scp>) variants on fibrosis progression rate in <scp>HCV</scp> patients. Liver International, 2012, 32, 635-643.	3.9	89
66	Rifamycin SV and rifampicin exhibit differential inhibition of the hepatic rat organic anion transporting polypeptides, Oatp1 and Oatp2. Hepatology, 2000, 32, 82-86.	7.3	88
67	Genetic Determinants of Drug-induced Cholestasis and Intrahepatic Cholestasis of Pregnancy. Seminars in Liver Disease, 2010, 30, 147-159.	3.6	88
68	Phylogenic and ontogenic expression of hepatocellular bile acid transport.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 435-438.	7.1	85
69	Metalâ€responsive transcription factorâ€1 (MTFâ€1) is essential for embryonic liver development and heavy metal detoxification in the adult liver. FASEB Journal, 2004, 18, 1071-1079.	0.5	84
70	Development and characterization of an animal model of carnitine deficiency. FEBS Journal, 2001, 268, 1876-1887.	0.2	82
71	Differential regulation of hepatic bile salt and organic anion transporters in pregnant and postpartum rats and the role of prolactin. Hepatology, 2001, 33, 140-147.	7.3	80
72	Functional expression of the rat liver canalicular isoform of the multidrug resistance-associated protein. FEBS Letters, 1997, 406, 75-78.	2.8	77

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73	Hepatic Transport Mechanisms of Cholyl-l-Lysyl-Fluorescein. Journal of Pharmacology and Experimental Therapeutics, 2010, 334, 78-86.	2.5	77
74	Partial maintenance of taurocholate uptake by adult rat hepatocytes cultured in a collagen sandwich configuration. Pharmaceutical Research, 1998, 15, 1533-1539.	3.5	76
75	Regulation of basolateral organic anion transporters in ethinylestradiol-induced cholestasis in the rat. Biochimica Et Biophysica Acta - Biomembranes, 2003, 1609, 87-94.	2.6	76
76	Tauroursodeoxycholic acid inserts the bile salt export pump into canalicular membranes of cholestatic rat liver. Laboratory Investigation, 2006, 86, 166-174.	3.7	76
77	Sodium fluorescein is a probe substrate for hepatic drug transport mediated by OATP1B1 and OATP1B3. Journal of Pharmaceutical Sciences, 2011, 100, 5018-5030.	3.3	74
78	Expression of organic anion-transporting polypeptides 1B1 and 1B3 in ovarian cancer cells: Relevance for paclitaxel transport. Biomedicine and Pharmacotherapy, 2011, 65, 417-426.	5.6	73
79	Polarized expression of drug transporters in differentiated human hepatoma HepaRG cells. Toxicology in Vitro, 2013, 27, 1979-1986.	2.4	73
80	Relapsing features of bile salt export pump deficiency after liver transplantation in two patients with progressive familial intrahepatic cholestasis type 2. Journal of Hepatology, 2010, 53, 981-986.	3.7	72
81	Effect of phenobarbital on the expression of bile salt and organic anion transporters of rat liver. Journal of Hepatology, 2001, 34, 881-887.	3.7	69
82	Expression of rat hepatic multidrug resistance-associated proteins and organic anion transporters in pregnancy. American Journal of Physiology - Renal Physiology, 2002, 283, G757-G766.	3.4	68
83	Differential cellular expression of organic anion transporting peptides OATP1A2 and OATP2B1 in the human retina and brain: implications for carrier-mediated transport of neuropeptides and neurosteriods in the CNS. Pflugers Archiv European Journal of Physiology, 2015, 467, 1481-1493.	2.8	68
84	Structure of the human lipid exporter ABCB4 in a lipid environment. Nature Structural and Molecular Biology, 2020, 27, 62-70.	8.2	68
85	Sodium taurocholate cotransporting polypeptide is a serine, threonine phosphoprotein and is dephosphorylated by cyclic adenosine monophosphate. Hepatology, 1998, 28, 1629-1636.	7.3	65
86	Differential Interaction of Bile Acids from Patients with Inborn Errors of Bile Acid Synthesis with Hepatocellular Bile Acid Transporters. FEBS Journal, 1997, 244, 39-44.	0.2	64
87	Na/H- and Cl/OH-exchange in rat jejunal and rat proximal tubular brush border membrane vesicles. Pflugers Archiv European Journal of Physiology, 1984, 400, 309-317.	2.8	63
88	Isolation of brush-border membranes from rat and rabbit colonocytes: Is alkaline phosphatase a marker enzyme?. Journal of Membrane Biology, 1986, 91, 19-31.	2.1	62
89	Comparative Localization and Functional Activity of the Main Hepatobiliary Transporters in HepaRG Cells and Primary Human Hepatocytes. Toxicological Sciences, 2015, 145, 157-168.	3.1	62
90	Polyspecific substrate uptake by the hepatic organic anion transporter Oatp1 in stably transfected CHO cells. American Journal of Physiology - Renal Physiology, 1999, 276, G1037-G1042.	3.4	61

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91	Proteomic analysis of plasma membrane vesicles isolated from the rat renal cortex. Proteomics, 2005, 5, 101-112.	2.2	61
92	Vitamin D₃ and Its Nuclear Receptor Increase the Expression and Activity of the Human Proton-Coupled Folate Transporter. Molecular Pharmacology, 2009, 76, 1062-1071.	2.3	61
93	Effects of bile salt flux variations on the expression of hepatic bile salt transporters in vivo in mice. Journal of Hepatology, 2002, 37, 556-563.	3.7	60
94	Differential expression of bile salt and organic anion transporters in developing rat liver. Journal of Hepatology, 2004, 41, 201-208.	3.7	59
95	Vectorial transport of bile salts across MDCK cells expressing both rat Na+-taurocholate cotransporting polypeptide and rat bile salt export pump. American Journal of Physiology - Renal Physiology, 2005, 288, G159-G167.	3.4	58
96	Imaging techniques to study drug transporter function in vivo. , 2018, 189, 104-122.		57
97	Rivaroxaban postmarketing risk of liver injury. Journal of Hepatology, 2014, 61, 293-300.	3.7	56
98	Bile salt toxicity aggravates cold ischemic injury of bile ducts after liver transplantation inMdr2+/â˜’ mice. Hepatology, 2006, 43, 1022-1031.	7.3	55
99	Hypoxia-induced changes in the expression of rat hepatobiliary transporter genes. American Journal of Physiology - Renal Physiology, 2007, 293, G25-G35.	3.4	54
100	Regulation of Bile Salt Export Pump mRNA Levels by Dexamethasone and Osmolarity in Cultured Rat Hepatocytes. Biological Chemistry, 1999, 380, 1273-9.	2.5	51
101	Function of Both Sinusoidal and Canalicular Transporters Controls the Concentration of Organic Anions within Hepatocytes. Molecular Pharmacology, 2007, 71, 1089-1097.	2.3	51
102	Expression of the hepatocellular chloride-dependent sulfobromophthalein uptake system in Xenopus laevis oocytes.. Journal of Clinical Investigation, 1991, 88, 2146-2149.	8.2	50
103	ABC-transporters are localized in caveolin-1-positive and reggie-1-negative and reggie-2-negative microdomains of the canalicular membrane in rat hepatocytes. Hepatology, 2009, 49, 1673-1682.	7.3	49
104	Garlic extract induces intestinal P-glycoprotein, but exhibits no effect on intestinal and hepatic CYP3A4 in humans. European Journal of Pharmaceutical Sciences, 2010, 41, 729-735.	4.0	49
105	Genetic variations of bile salt transporters as predisposing factors for drug-induced cholestasis, intrahepatic cholestasis of pregnancy and therapeutic response of viral hepatitis. Expert Opinion on Drug Metabolism and Toxicology, 2011, 7, 411-425.	3.3	49
106	Bile acid and xenobiotic transporters in liver. Current Opinion in Cell Biology, 1998, 10, 462-467.	5.4	47
107	Magnetic Resonance Imaging With Hepatospecific Contrast Agents in Cirrhotic Rat Livers. Investigative Radiology, 2005, 40, 187-194.	6.2	47
108	Functional Identification of Arabidopsis ATSIP2 (At3g57520) as an Alkaline Â-Galactosidase with a Substrate Specificity for Raffinose and an Apparent Sink-Specific Expression Pattern. Plant and Cell Physiology, 2010, 51, 1815-1819.	3.1	46

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109	Regulation of rat organic anion transporters in bile salt-induced cholestatic hepatitis: Effect of ursodeoxycholate. Hepatology, 2003, 38, 187-195.	7.3	45
110	Serotonin protects mouse liver from cholestatic injury by decreasing bile salt pool after bile duct ligation. Hepatology, 2012, 56, 209-218.	7.3	45
111	Stable expression and functional characterization of a Na+-taurocholate cotransporting green fluorescent protein in human hepatoblastoma HepG2 cells. Cytotechnology, 2000, 34, 1-9.	1.6	44
112	Recent insights into the function and regulation of the bile salt export pump (ABCB11). Current Opinion in Lipidology, 2009, 20, 176-181.	2.7	44
113	A common polymorphism in theABCB11gene is associated with advanced fibrosis in hepatitis C but not in non-alcoholic fatty liver disease. Clinical Science, 2011, 120, 287-296.	4.3	44
114	Effect of obstructive cholestasis on membrane traffic and domain-specific expression of plasma membrane proteins in rat liver parenchmal cells. Hepatology, 1994, 20, 201-212.	7.3	43
115	Drug Transporters in the Central Nervous System. Clinical Pharmacokinetics, 2015, 54, 225-242.	3.5	43
116	cAMP increases liver Na+-taurocholate cotransport by translocating transporter to plasma membranes. American Journal of Physiology - Renal Physiology, 1997, 273, G842-G848.	3.4	42
117	Functional expression of the 11 human Organic Anion Transporting Polypeptides in insect cells reveals that sodium fluorescein is a general OATP substrate. Biochemical Pharmacology, 2015, 98, 649-658.	4.4	42
118	Substrate specificity of the rat liver Na⁺-bile salt cotransporter inXenopus laevisoocytes and in CHO cells. American Journal of Physiology - Renal Physiology, 1998, 274, G370-G375.	3.4	41
119	Apical endocytosis in rat hepatocytes in situ involves clathrin, traverses a subapical compartment, and leads to lysosomes. Gastroenterology, 2000, 119, 1692-1707.	1.3	41
120	Differential Regulation of Drug Transporter Expression by Hepatocyte Growth Factor in Primary Human Hepatocytes. Drug Metabolism and Disposition, 2009, 37, 2228-2235.	3.3	41
121	Confocal Imaging with a Fluorescent Bile Acid Analogue Closely Mimicking Hepatic Taurocholate Disposition. Journal of Pharmaceutical Sciences, 2014, 103, 1872-1881.	3.3	41
122	Uninephrectomy augments the effects of high fat diet induced obesity on gene expression in mouse kidney. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 1870-1878.	3.8	40
123	Role of Multidrug Resistance Protein 3 in Antifungal-Induced Cholestasis. Molecular Pharmacology, 2016, 90, 23-34.	2.3	39
124	Resveratrol and its major sulfated conjugates are substrates of organic anion transporting polypeptides (OATPs): Impact on growth of ZRâ€75â€1 breast cancer cells. Molecular Nutrition and Food Research, 2014, 58, 1830-1842.	3.3	38
125	Identification and localization of sodium-phosphate cotransporters in hepatocytes and cholangiocytes of rat liver. American Journal of Physiology - Renal Physiology, 2005, 288, G771-G778.	3.4	37
126	Chronic cholestatic liver diseases: Clues from histopathology for pathogenesis. Molecular Aspects of Medicine, 2014, 37, 35-56.	6.4	37

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127	Protein Kinases C-Mediated Regulations of Drug Transporter Activity, Localization and Expression. International Journal of Molecular Sciences, 2017, 18, 764.	4.1	37
128	Gender difference in the Oatp1-mediated tubular reabsorption of estradiol 17Î²-d-glucuronide in rats. American Journal of Physiology - Endocrinology and Metabolism, 2002, 282, E1245-E1254.	3.5	34
129	Phenobarbital Alters Hepatic Mrp2 Function by Direct and Indirect Interactions. Molecular Pharmacology, 2003, 64, 154-159.	2.3	34
130	Small hepatocytes in culture develop polarized transporter expression and differentiation. Journal of Cell Science, 2004, 117, 4077-4087.	2.0	34
131	ATPâ€binding cassette transporters in liver. BioFactors, 2014, 40, 188-198.	5.4	34
132	Differential Effects of Membrane Cholesterol Content on the Transport Activity of Multidrug Resistanceâ€“Associated Protein 2 (ABCC2) and of the Bile Salt Export Pump (ABCB11). Molecular Pharmacology, 2014, 85, 909-920.	2.3	34
133	Pharmacogenetics of drug transporters in the enterohepatic circulation. Pharmacogenomics, 2011, 12, 611-631.	1.3	33
134	The emerging role of transport systems in liver function tests. European Journal of Pharmacology, 2012, 675, 1-5.	3.5	33
135	The Role of Organic Anion Transporters in Diagnosing Liver Diseases by Magnetic Resonance Imaging. Drug Metabolism and Disposition, 2014, 42, 675-684.	3.3	33
136	Inhibition of Human Drug Transporter Activities by the Pyrethroid Pesticides Allethrin and Tetramethrin. PLoS ONE, 2017, 12, e0169480.	2.5	33
137	Characterization of Lâ€carnitine transport into rat skeletal muscle plasma membrane vesicles. FEBS Journal, 2000, 267, 1985-1994.	0.2	31
138	Regulation of drug transporter expression by oncostatin M in human hepatocytes. Biochemical Pharmacology, 2011, 82, 304-311.	4.4	31
139	Membrane lipids and transporter function. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2021, 1867, 166079.	3.8	31
140	Hepatocellular Organic Anionâ€“Transporting Polypeptides (OATPs) and Multidrug Resistanceâ€“Associated Protein 2 (MRP2) Are Inhibited by Silibinin. Drug Metabolism and Disposition, 2013, 41, 1522-1528.	3.3	30
141	The Vitamin D Receptor Gene Bat (Cca) Haplotype Impairs the Response to Pegylated-Interferon/ Ribavirin-Based Therapy in Chronic Hepatitis C Patients. Antiviral Therapy, 2012, 17, 541-547.	1.0	29
142	Decreased Na+-dependent taurocholate uptake and low expression of the sinusoidal Na+-taurocholate cotransporting protein (Ntcp) in livers of mdr2 P-glycoprotein-deficient mice. Journal of Hepatology, 1999, 30, 14-21.	3.7	28
143	The Human Organic Anion Transporter GenesOAT5andOAT7Are Transactivated by Hepatocyte Nuclear Factor-1Î± (HNF-1Î±). Molecular Pharmacology, 2010, 78, 1079-1087.	2.3	28
144	Interaction of bile salts with rat canalicular membrane vesicles: Evidence for bile salt resistant microdomains. Journal of Hepatology, 2011, 55, 1368-1376.	3.7	28

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145	Influence of hepatic and intestinal efflux transporters and their genetic variants on the pharmacokinetics and pharmacodynamics of raloxifene in osteoporosis treatment. Translational Research, 2012, 160, 298-308.	5.0	28
146	Regulation of Human Hepatic Drug Transporter Activity and Expression by Diesel Exhaust Particle Extract. PLoS ONE, 2015, 10, e0121232.	2.5	28
147	Effect of ritonavir on the pharmacokinetics of the benzimidazoles albendazole and mebendazole: an interaction study in healthy volunteers. European Journal of Clinical Pharmacology, 2009, 65, 999-1006.	1.9	27
148	Gd-BOPTA Transport Into Rat Hepatocytes: Pharmacokinetic Analysis of Dynamic Magnetic Resonance Images Using a Hollow-Fiber Bioreactor. Investigative Radiology, 2004, 39, 506-515.	6.2	26
149	How Organic Anions Accumulate in Hepatocytes Lacking Mrp2: Evidence in Rat Liver. Journal of Pharmacology and Experimental Therapeutics, 2011, 336, 624-632.	2.5	26
150	Differential regulation of drug transporter expression by all-trans retinoic acid in hepatoma HepaRG cells and human hepatocytes. European Journal of Pharmaceutical Sciences, 2013, 48, 767-774.	4.0	26
151	Inconsistencies in the red blood cell membrane proteome analysis: generation of a database for research and diagnostic applications. Database: the Journal of Biological Databases and Curation, 2015, 2015, bav056-bav056.	3.0	25
152	Polarized location of SLC and ABC drug transporters in monolayer-cultured human hepatocytes. Toxicology in Vitro, 2015, 29, 938-946.	2.4	25
153	Functional analysis and androgen-regulated expression of mouse organic anion transporting polypeptide 1 (Oatp1) in the kidney. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 2001, 1518, 73-78.	2.4	24
154	The Canalicular Bile Salt Export Pump BSEP (ABCB11) as a Potential Therapeutic Target. Current Drug Targets, 2011, 12, 661-670.	2.1	24
155	Organic anion transporting polypeptides OATP1B1 and OATP1B3 and their genetic variants influence the pharmacokinetics and pharmacodynamics of raloxifene. Journal of Translational Medicine, 2012, 10, 76.	4.4	24
156	Flagging Drugs That Inhibit the Bile Salt Export Pump. Molecular Pharmaceutics, 2016, 13, 163-171.	4.6	24
157	Structures of ABCB4 provide insight into phosphatidylcholine translocation. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	24
158	Hepatic bile salt flux does not modulate level and activity of the sinusoidal Na+-taurocholate cotransporter (ntcp) in rats. Journal of Hepatology, 1997, 27, 699-706.	3.7	23
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