Bruno Stieger

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5836873/publications.pdf

Version: 2024-02-01

228 papers	21,623 citations	9234 74 h-index	9839 141 g-index
538 all docs	538 docs citations	538 times ranked	13461 citing authors

#	Article	IF	Citations
1	Glucose Transporter 9 (GLUT9) Plays an Important Role in the Placental Uric Acid Transport System. Cells, 2022, 11, 633.	1.8	6
2	Structure of human NTCP reveals the basis of recognition and sodium-driven transport of bile salts into the liver. Cell Research, 2022, 32, 773-776.	5.7	21
3	Characterization of Novel Fluorescent Bile Salt Derivatives for Studying Human Bile Salt and Organic Anion Transporters. Journal of Pharmacology and Experimental Therapeutics, 2021, 377, 346-357.	1.3	4
4	Bile formation in long-term ex situ perfused livers. Surgery, 2021, 169, 894-902.	1.0	11
5	Membrane lipids and transporter function. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2021, 1867, 166079.	1.8	31
6	Comment on â€œExpression of Oatp2 in the Brain and Liver of Alzheimer Disease Mouse Modelâ€. ACS Chemical Neuroscience, 2021, 12, 2069-2070.	1.7	1
7	Impact on Bile Acid Concentrations by Alveolar Echinococcosis and Treatment with Albendazole in Mice. Metabolites, 2021, 11, 442.	1.3	0
8	Structures of ABCB4 provide insight into phosphatidylcholine translocation. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	24
9	Structure of the human lipid exporter ABCB4 in a lipid environment. Nature Structural and Molecular Biology, 2020, 27, 62-70.	3.6	68
10	Measurement of Hepatic ABCB1 and ABCG2 Transport Activity with [11C]Tariquidar and PET in Humans and Mice. Molecular Pharmaceutics, 2020, 17, 316-326.	2.3	15
11	Untargeted Metabolomics Reveals Anaerobic Glycolysis as a Novel Target of the Hepatotoxic Antidepressant Nefazodone. Journal of Pharmacology and Experimental Therapeutics, 2020, 375, 239-246.	1.3	5
12	microRNAâ€206 modulates the hepatic expression of the organic anionâ€transporting polypeptide 1B1. Liver International, 2019, 39, 2350-2359.	1.9	9
13	Human MRP2 exports MC-LR but not the glutathione conjugate. Chemico-Biological Interactions, 2019, 311, 108761.	1.7	5
14	A rare cause of a cholestatic jaundice in a North African teenager. Liver International, 2019, 39, 2036-2041.	1.9	4
15	Organic anionâ€transporting polypeptides contribute to the uptake of curcumin and its main metabolites by human breast cancer cells: Impact on antitumor activity. Oncology Reports, 2019, 41, 2558-2566.	1.2	3
16	Effect of a Common Genetic Variant (p.V444A) in the Bile Salt Export Pump on the Inhibition of Bile Acid Transport by Cholestatic Medications. Molecular Pharmaceutics, 2019, 16, 1406-1411.	2.3	9
17	Interaction of Local Anesthetics with Hepatocellular Organic Anion Transporting Polypeptides. FASEB Journal, 2019, 33, 507.5.	0.2	0
18	Imaging techniques to study drug transporter function in vivo. , 2018, 189, 104-122.		57

#	Article	IF	Citations
19	Ageâ€dependent glycosylation of the sodium taurocholate cotransporter polypeptide: From fetal to adult human livers. Hepatology Communications, 2018, 2, 693-702.	2.0	10
20	Serum IP-10 levels and increased DPPIV activity are linked to circulating CXCR3+ T cells in cholestatic HCV patients. PLoS ONE, 2018, 13, e0208225.	1.1	3
21	Subcellular Distribution of Cholesterol and Sphingolipids in Rat Hepatocytes. FASEB Journal, 2018, 32, 541.1.	0.2	0
22	Î²2-adrenergic receptor-mediated in vitro regulation of human hepatic drug transporter expression by epinephrine. European Journal of Pharmaceutical Sciences, 2017, 106, 302-312.	1.9	8
23	Model Systems for Studying the Role of Canalicular Efflux Transporters in Drug-Induced Cholestatic Liver Disease. Journal of Pharmaceutical Sciences, 2017, 106, 2295-2301.	1.6	15
24	Impact of Organic Cation Transporters (OCT-SLC22A) on Differential Diagnosis of Intrahepatic Lesions. Drug Metabolism and Disposition, 2017, 45, 166-173.	1.7	16
25	Inhibition of SLC drug transporter activities by environmental bisphenols. Toxicology in Vitro, 2017, 40, 34-44.	1.1	15
26	Role of the OATP Transporter Family and a Benzbromarone-SensitiveEfflux Transporter in the Hepatocellular Disposition of Vincristine. Pharmaceutical Research, 2017, 34, 2336-2348.	1.7	10
27	Intestinal and Hepatocellular Transporters: Therapeutic Effects and Drug Interactions of Herbal Supplements. Annual Review of Pharmacology and Toxicology, 2017, 57, 399-416.	4.2	21
28	Protein Kinases C-Mediated Regulations of Drug Transporter Activity, Localization and Expression. International Journal of Molecular Sciences, 2017, 18, 764.	1.8	37
29	Inhibition of Human Drug Transporter Activities by the Pyrethroid Pesticides Allethrin and Tetramethrin. PLoS ONE, 2017, 12, e0169480.	1.1	33
30	Clearance Prediction of HIV Protease Inhibitors in Man: Role of Hepatic Uptake. Journal of Pharmaceutical Sciences, 2016, 105, 854-863.	1.6	17
31	Alteration of human hepatic drug transporter activity and expression by cigarette smoke condensate. Toxicology, 2016, 363-364, 58-71.	2.0	22
32	Alterations in Enterohepatic Fgf15 Signaling and Changes in Bile Acid Composition Depend on Localization of Murine Intestinal Inflammation. Inflammatory Bowel Diseases, 2016, 22, 2382-2389.	0.9	21
33	Influence of 24-Nor-Ursodeoxycholic Acid on Hepatic Disposition of [18F]Ciprofloxacin, a Positron Emission Tomography Study in Mice. Journal of Pharmaceutical Sciences, 2016, 105, 106-112.	1.6	5
34	Role of Multidrug Resistance Protein 3 in Antifungal-Induced Cholestasis. Molecular Pharmacology, 2016, 90, 23-34.	1.0	39
35	Efflux and uptake transporters involved in the disposition of bazedoxifene. European Journal of Drug Metabolism and Pharmacokinetics, 2016, 41, 251-257.	0.6	2
36	Flagging Drugs That Inhibit the Bile Salt Export Pump. Molecular Pharmaceutics, 2016, 13, 163-171.	2.3	24

#	Article	IF	Citations
37	Recent advances in understanding hepatic drug transport. F1000Research, 2016, 5, 2465.	0.8	13
38	Proteomic Analysis of the Rat Canalicular Membrane Reveals Expression of a Complex System of P4-ATPases in Liver. PLoS ONE, 2016, 11, e0158033.	1.1	7
39	The effect of organic anion-transporting polypeptides 1B1, 1B3 and 2B1 on the antitumor activity of flavopiridol in breast cancer cells. International Journal of Oncology, 2015, 46, 324-332.	1.4	12
40	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.	1.4	25
41	Impaired uptake of conjugated bile acids and hepatitis b virus pres1â€binding in na+â€taurocholate cotransporting polypeptide knockout mice. Hepatology, 2015, 62, 207-219.	3.6	116
42	Comparative Localization and Functional Activity of the Main Hepatobiliary Transporters in HepaRG Cells and Primary Human Hepatocytes. Toxicological Sciences, 2015, 145, 157-168.	1.4	62
43	Drug Transporters in the Central Nervous System. Clinical Pharmacokinetics, 2015, 54, 225-242.	1.6	43
44	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.	1.3	68
45	Polarized location of SLC and ABC drug transporters in monolayer-cultured human hepatocytes. Toxicology in Vitro, 2015, 29, 938-946.	1.1	25
46	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.	2.0	42
47	Octreotide Inhibits the Bilirubin Carriers Organic Anion Transporting Polypeptides 1B1 and 1B3 and the Multidrug Resistance-Associated Protein 2. Journal of Pharmacology and Experimental Therapeutics, 2015, 355, 145-151.	1.3	22
48	Protein kinase C-dependent regulation of human hepatic drug transporter expression. Biochemical Pharmacology, 2015, 98, 703-717.	2.0	14
49	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.	1.9	104
50	Regulation of Human Hepatic Drug Transporter Activity and Expression by Diesel Exhaust Particle Extract. PLoS ONE, 2015, 10, e0121232.	1.1	28
51	Type VII collagen regulates tumour expression of organic anion transporting polypeptide OATP1B3, promotes front to rear polarity and increases structural organisation in 3D spheroid cultures of recessive dystrophic epidermolysis bullosa tumour keratinocytes. Journal of Cell Science, 2014, 127, 740-51.	1.2	22
52	Role of (Drug) Transporters in Imaging in Health and Disease. Drug Metabolism and Disposition, 2014, 42, 2007-2015.	1.7	11
53	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.	1.5	38
54	ATPâ€binding cassette transporters in liver. BioFactors, 2014, 40, 188-198.	2.6	34

#	Article	IF	Citations
55	Rivaroxaban postmarketing risk of liver injury. Journal of Hepatology, 2014, 61, 293-300.	1.8	56
56	The Role of Organic Anion Transporters in Diagnosing Liver Diseases by Magnetic Resonance Imaging. Drug Metabolism and Disposition, 2014, 42, 675-684.	1.7	33
57	Chronic cholestatic liver diseases: Clues from histopathology for pathogenesis. Molecular Aspects of Medicine, 2014, 37, 35-56.	2.7	37
58	Sodium-dependent bile salt transporters of the SLC10A transporter family: more than solute transporters. Pflugers Archiv European Journal of Physiology, 2014, 466, 77-89.	1.3	119
59	Organic Anion-Transporting Polypeptides. Current Topics in Membranes, 2014, 73, 205-232.	0.5	136
60	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.	1.8	40
61	Confocal Imaging with a Fluorescent Bile Acid Analogue Closely Mimicking Hepatic Taurocholate Disposition. Journal of Pharmaceutical Sciences, 2014, 103, 1872-1881.	1.6	41
62	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.	1.0	34
63	Molecular pathogenesis of chronic cholestatic liver disease: Impact on novel therapeutic approaches. Molecular Aspects of Medicine, 2014, 37, 1-2.	2.7	6
64	Transport of estradiol-17Î²-glucuronide, estrone-3-sulfate and taurocholate across the endoplasmic reticulum membrane: evidence for different transport systems. Biochemical Pharmacology, 2014, 88, 106-118.	2.0	12
65	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.	3.6	198
66	Polarized expression of drug transporters in differentiated human hepatoma HepaRG cells. Toxicology in Vitro, 2013, 27, 1979-1986.	1.1	73
67	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.	1.9	1,089
68	Structure-Based Identification of OATP1B1/3 Inhibitors. Molecular Pharmacology, 2013, 83, 1257-1267.	1.0	110
69	Functional expression and regulation of drug transporters in monolayer- and sandwich-cultured mouse hepatocytes. European Journal of Pharmaceutical Sciences, 2013, 49, 39-50.	1.9	15
70	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.	1.9	26
71	The SLCO (former SLC21) superfamily of transporters. Molecular Aspects of Medicine, 2013, 34, 396-412.	2.7	312
72	Role of Membrane Transport in Hepatotoxicity and Pathogenesis of Drug-Induced Cholestasis. , 2013, , 123-133.		1

#	Article	IF	Citations
73	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.	1.7	30
74	Physiological and Biochemical Basis of Clinical Liver Function Tests. Annals of Surgery, 2013, 257, 27-36.	2.1	269
75	Characteristics and Functional Relevance of Apolipoprotein-A1 and Cholesterol Binding in Mammary Gland Tissues and Epithelial Cells. PLoS ONE, 2013, 8, e70407.	1.1	16
76	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.	0.6	29
77	An Arabidopsis T-DNA Insertion Mutant for Galactokinase (AtGALK, At3g06580) Hyperaccumulates Free Galactose and is Insensitive to Exogenous Galactose. Plant and Cell Physiology, 2012, 53, 921-929.	1.5	19
78	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.	2.2	28
79	Genetic variations in bile acid homeostasis are not overrepresented in alcoholic cirrhosis compared to patients with heavy alcohol abuse and absent liver disease. Mutagenesis, 2012, 27, 567-572.	1.0	2
80	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.	1.9	89
81	Complement factor C5 deficiency significantly delays the progression of biliary fibrosis in bile duct-ligated mice. Biochemical and Biophysical Research Communications, 2012, 418, 445-450.	1.0	21
82	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.	1.8	24
83	Diverse Functional Properties of Wilson Disease ATP7B Variants. Gastroenterology, 2012, 142, 947-956.e5.	0.6	125
84	Serotonin protects mouse liver from cholestatic injury by decreasing bile salt pool after bile duct ligation. Hepatology, 2012, 56, 209-218.	3.6	45
85	The emerging role of transport systems in liver function tests. European Journal of Pharmacology, 2012, 675, 1-5.	1.7	33
86	1 Physiology of bile formation: Hepatocellular bile salt transporters. , 2012, , 1-22.		1
87	Pharmacogenetics of drug transporters in the enterohepatic circulation. Pharmacogenomics, 2011, 12, 611-631.	0.6	33
88	Expression of organic anion-transporting polypeptides 1B1 and 1B3 in ovarian cancer cells: Relevance for paclitaxel transport. Biomedicine and Pharmacotherapy, 2011, 65, 417-426.	2.5	73
89	Transporters involved in the hepatic uptake of 99mTc-mebrofenin and indocyanine green. Journal of Hepatology, 2011, 54, 738-745.	1.8	245
90	Regulation of the expression of the hepatocellular sulfateâ€“oxalate exchanger SAT-1 (SLC26A1) by glyoxylate: A metabolic link between liver and kidney?. Journal of Hepatology, 2011, 54, 406-407.	1.8	7

#	Article	IF	Citations
91	Interaction of bile salts with rat canalicular membrane vesicles: Evidence for bile salt resistant microdomains. Journal of Hepatology, 2011, 55, 1368-1376.	1.8	28
92	The Canalicular Bile Salt Export Pump BSEP (ABCB11) as a Potential Therapeutic Target. Current Drug Targets, 2011, 12, 661-670.	1.0	24
93	Regulation of drug transporter expression by oncostatin M in human hepatocytes. Biochemical Pharmacology, 2011, 82, 304-311.	2.0	31
94	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.	0.9	230
95	Sodium fluorescein is a probe substrate for hepatic drug transport mediated by OATP1B1 and OATP1B3. Journal of Pharmaceutical Sciences, 2011, 100, 5018-5030.	1.6	74
96	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.	1.5	49
97	How Organic Anions Accumulate in Hepatocytes Lacking Mrp2: Evidence in Rat Liver. Journal of Pharmacology and Experimental Therapeutics, 2011, 336, 624-632.	1.3	26
98	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.	1.8	44
99	The plasma carnitine concentration regulates renal OCTN2 expression and carnitine transport in rats. European Journal of Pharmacology, 2010, 635, 171-176.	1.7	12
100	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.	1.9	49
101	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.	3.6	236
102	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.	1.5	46
103	The Human Organic Anion Transporter GenesOAT5andOAT7Are Transactivated by Hepatocyte Nuclear Factor-1Î± (HNF-1Î±). Molecular Pharmacology, 2010, 78, 1079-1087.	1.0	28
104	Bile acid retention and activation of endogenous hepatic farnesoid-X-receptor in the pathogenesis of fatty liver disease in ob/ob-mice. Biological Chemistry, 2010, 391, 1441-9.	1.2	22
105	Hepatic Transport Mechanisms of Cholyl-l-Lysyl-Fluorescein. Journal of Pharmacology and Experimental Therapeutics, 2010, 334, 78-86.	1.3	77
106	Genetic Determinants of Drug-induced Cholestasis and Intrahepatic Cholestasis of Pregnancy. Seminars in Liver Disease, 2010, 30, 147-159.	1.8	88
107	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.	1.8	72
108	Role of the bile salt export pump, BSEP, in acquired forms of cholestasis. Drug Metabolism Reviews, 2010, 42, 437-445.	1.5	109

#	Article	IF	Citations
109	Efficient Generation of Multipotent Mesenchymal Stem Cells from Umbilical Cord Blood in Stroma-Free Liquid Culture. PLoS ONE, 2010, 5, e15689.	1.1	23
110	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.	1.7	214
111	Differential Regulation of Drug Transporter Expression by Hepatocyte Growth Factor in Primary Human Hepatocytes. Drug Metabolism and Disposition, 2009, 37, 2228-2235.	1.7	41
112	Mechanisms of pH-gradient driven transport mediated by organic anion polypeptide transporters. American Journal of Physiology - Cell Physiology, 2009, 296, C570-C582.	2.1	151
113	Vitamin D₃ and Its Nuclear Receptor Increase the Expression and Activity of the Human Proton-Coupled Folate Transporter. Molecular Pharmacology, 2009, 76, 1062-1071.	1.0	61
114	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.	3.6	49
115	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.	0.8	27
116	Recent insights into the function and regulation of the bile salt export pump (ABCB11). Current Opinion in Lipidology, 2009, 20, 176-181.	1.2	44
117	Turning over or turning around: hepatic phosphatidylcholine in the mouse model for progressive familial intrahepatic cholestasis type 3. Liver International, 2008, 28, 908-910.	1.9	0
118	Effect of pregnane X receptor ligands on transport mediated by human OATP1B1 and OATP1B3. European Journal of Pharmacology, 2008, 584, 57-65.	1.7	140
119	Pharmacogenetics of OATP (SLC21/SLCO), OAT and OCT (SLC22) and PEPT (SLC15) transporters in the intestine, liver and kidney. Pharmacogenomics, 2008, 9, 597-624.	0.6	103
120	Severe Bile Salt Export Pump Deficiency: 82 Different ABCB11 Mutations in 109 Families. Gastroenterology, 2008, 134, 1203-1214.e8.	0.6	331
121	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.	1.7	115
122	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.	1.4	148
123	Dearterialization of the Liver Causes Intrahepatic Cholestasis due to Reduced Bile Transporter Expression. Transplantation, 2008, 85, 1159-1166.	0.5	17
124	Hypoxia-induced changes in the expression of rat hepatobiliary transporter genes. American Journal of Physiology - Renal Physiology, 2007, 293, G25-G35.	1.6	54
125	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.	2.1	142
126	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.	1.7	284

#	Article	IF	Citations
127	Function of Both Sinusoidal and Canalicular Transporters Controls the Concentration of Organic Anions within Hepatocytes. Molecular Pharmacology, 2007, 71, 1089-1097.	1.0	51
128	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.	0.7	301
129	Isolation of renal proximal tubular brush-border membranes. Nature Protocols, 2007, 2, 1356-1359.	5.5	105
130	The bile salt export pump. Pflugers Archiv European Journal of Physiology, 2007, 453, 611-620.	1.3	201
131	Twenty years of ATP-binding cassette (ABC) transporters. Pflugers Archiv European Journal of Physiology, 2007, 453, 543-543.	1.3	8
132	Hepatocyte transplantation: potential of hepatocyte progenitor cells and bone marrow derived stem cells. Swiss Medical Weekly, 2007, 137 Suppl 155, 55S-59S.	0.8	1
133	Tauroursodeoxycholic acid inserts the bile salt export pump into canalicular membranes of cholestatic rat liver. Laboratory Investigation, 2006, 86, 166-174.	1.7	76
134	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.	0.8	120
135	Bile salt toxicity aggravates cold ischemic injury of bile ducts after liver transplantation inMdr2+/â˜’ mice. Hepatology, 2006, 43, 1022-1031.	3.6	55
136	Interindividual variability of canalicular ATP-binding-cassette (ABC)-transporter expression in human liver. Hepatology, 2006, 44, 62-74.	3.6	211
137	Hepatocellular carcinoma in ten children under five years of age with bile salt export pump deficiency. Hepatology, 2006, 44, 478-486.	3.6	345
138	Quantitative microscopy reveals 3D organization and kinetics of endocytosis in rat hepatocytes. Microscopy Research and Technique, 2006, 69, 693-707.	1.2	19
139	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.	1.7	95
140	Differentiation of Non-Adherent Hematopoietic Stem Cells from Umbilical Cord Blood Cells into Adherent Hepatocytic Lineage.. Blood, 2006, 108, 2578-2578.	0.6	1
141	Hepatocyte transplantation: potential of hepatocyte progenitor cells and bone marrow derived stem cells. Swiss Medical Weekly, 2006, 136, 552-6.	0.8	9
142	Magnetic Resonance Imaging With Hepatospecific Contrast Agents in Cirrhotic Rat Livers. Investigative Radiology, 2005, 40, 187-194.	3.5	47
143	Proteomic analysis of plasma membrane vesicles isolated from the rat renal cortex. Proteomics, 2005, 5, 101-112.	1.3	61
144	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.	1.6	58

#	Article	IF	Citations
145	Identification and localization of sodium-phosphate cotransporters in hepatocytes and cholangiocytes of rat liver. American Journal of Physiology - Renal Physiology, 2005, 288, G771-G778.	1.6	37
146	Enterohepatic transport of bile salts and genetics of cholestasis. Journal of Hepatology, 2005, 43, 342-357.	1.8	153
147	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.	1.8	141
148	Small hepatocytes in culture develop polarized transporter expression and differentiation. Journal of Cell Science, 2004, 117, 4077-4087.	1.2	34
149	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.	0.2	84
150	Enterohepatic bile salt transporters in normal physiology and liver disease. Gastroenterology, 2004, 126, 322-342.	0.6	592
151	Differential expression of bile salt and organic anion transporters in developing rat liver. Journal of Hepatology, 2004, 41, 201-208.	1.8	59
152	Gd-BOPTA Transport Into Rat Hepatocytes: Pharmacokinetic Analysis of Dynamic Magnetic Resonance Images Using a Hollow-Fiber Bioreactor. Investigative Radiology, 2004, 39, 506-515.	3.5	26
153	Regulation of rat organic anion transporters in bile salt-induced cholestatic hepatitis: Effect of ursodeoxycholate. Hepatology, 2003, 38, 187-195.	3.6	45
154	Biliary cholesterol secretion: more lessons from plants?. Journal of Hepatology, 2003, 38, 843-846.	1.8	4
155	Regulation of basolateral organic anion transporters in ethinylestradiol-induced cholestasis in the rat. Biochimica Et Biophysica Acta - Biomembranes, 2003, 1609, 87-94.	1.4	76
156	Physiological characteristics of allo-cholic acid. Journal of Lipid Research, 2003, 44, 84-92.	2.0	19
157	Phenobarbital Alters Hepatic Mrp2 Function by Direct and Indirect Interactions. Molecular Pharmacology, 2003, 64, 154-159.	1.0	34
158	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.	1.8	34
159	Functional expression of the canalicular bile salt export pump of human liver. Gastroenterology, 2002, 123, 1659-1666.	0.6	252
160	Hepatobiliary organic anion transporters are differentially regulated in acute toxic liver injury induced by carbon tetrachloride. Journal of Hepatology, 2002, 37, 198-205.	1.8	90
161	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.	1.8	60
162	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
163	Expression of rat hepatic multidrug resistance-associated proteins and organic anion transporters in pregnancy. American Journal of Physiology - Renal Physiology, 2002, 283, G757-G766.	1.6	68
164	Structure and function of ABC transporters. Kidney International, 2002, 62, 1513-1514.	2.6	2
165	Organic anion-transporting polypeptide B (OATP-B) and its functional comparison with three other OATPs of human liver. Gastroenterology, 2001, 120, 525-533.	0.6	682
166	Effects of Ursodeoxycholic and Cholic Acid Feeding on Hepatocellular Transporter Expression in Mouse Liver. Gastroenterology, 2001, 121, 170-183.	0.6	254
167	Hepatic uptake of cholecystokinin octapeptide by organic anion-transporting polypeptides OATP4 and OATP8 of rat and human liver. Gastroenterology, 2001, 121, 1185-1190.	0.6	156
168	Effect of phenobarbital on the expression of bile salt and organic anion transporters of rat liver. Journal of Hepatology, 2001, 34, 881-887.	1.8	69
169	FIC1: another bile salt carrier within the enterohepatic circulation?. Journal of Hepatology, 2001, 35, 522-524.	1.8	13
170	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.	1.3	159
171	Metabolism of amiodarone. Biomedical Applications, 2001, 757, 309-315.	1.7	9
172	Development and characterization of an animal model of carnitine deficiency. FEBS Journal, 2001, 268, 1876-1887.	0.2	82
173	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.	3.6	80
174	Cholestatic expression pattern of sinusoidal and canalicular organic anion transport systems in primary cultured rat hepatocytes. Hepatology, 2001, 33, 776-782.	3.6	100
175	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.	2.3	444
176	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
177	Tight Junctions in Liver Disease. , 2001, , .		1
178	Development and characterization of an animal model of carnitine deficiency. FEBS Journal, 2001, 268, 1876-1887.	0.2	0
179	Characterization of L-carnitine transport into rat skeletal muscle plasma membrane vesicles. FEBS Journal, 2000, 267, 1985-1994.	0.2	31
180	Stable expression and functional characterization of a Na+-taurocholate cotransporting green fluorescent protein in human hepatoblastoma HepG2 cells. Cytotechnology, 2000, 34, 1-9.	0.7	44

#	Article	IF	Citations
181	Rifamycin SV and rifampicin exhibit differential inhibition of the hepatic rat organic anion transporting polypeptides, Oatp1 and Oatp2. Hepatology, 2000, 32, 82-86.	3.6	88
182	St John's Wort induces intestinal P-glycoprotein/MDR1 and intestinal and hepatic CYP3A4. Clinical Pharmacology and Therapeutics, 2000, 68, 598-604.	2.3	515
183	Transport Function and Hepatocellular Localization of mrp6 in Rat Liver. Molecular Pharmacology, 2000, 57, 634-641.	1.0	214
184	Molecular Mechanisms in Bile Formation. Physiology, 2000, 15, 89-93.	1.6	13
185	Hepatic Transport of Bile Salts. Seminars in Liver Disease, 2000, Volume 20, 273-292.	1.8	255
186	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.	1.3	130
187	Apical endocytosis in rat hepatocytes in situ involves clathrin, traverses a subapical compartment, and leads to lysosomes. Gastroenterology, 2000, 119, 1692-1707.	0.6	41
188	Drug- and estrogen-induced cholestasis through inhibition of the hepatocellular bile salt export pump (Bsep) of rat liver. Gastroenterology, 2000, 118, 422-430.	0.6	550
189	Expression of the bile salt export pump is maintained after chronic cholestasis in the rat. Gastroenterology, 2000, 118, 163-172.	0.6	240
190	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.	1.6	61
191	Biliary excretion in primary rat hepatocytes cultured in a collagen-sandwich configuration. American Journal of Physiology - Renal Physiology, 1999, 277, G12-G21.	1.6	105
192	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.	1.3	286
193	Regulation of Bile Salt Export Pump mRNA Levels by Dexamethasone and Osmolarity in Cultured Rat Hepatocytes. Biological Chemistry, 1999, 380, 1273-9.	1.2	51
194	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.	1.8	28
195	Differential expression of basolateral and canalicular organic anion transporters during regeneration of rat liver. Gastroenterology, 1999, 117, 1408-1415.	0.6	93
196	Localization and function of the organic anionâ€“transporting polypeptide Oatp2 in rat liver. Gastroenterology, 1999, 117, 688-695.	0.6	209
197	Identification of Thyroid Hormone Transporters. Biochemical and Biophysical Research Communications, 1999, 254, 497-501.	1.0	166
198	Partial maintenance of taurocholate uptake by adult rat hepatocytes cultured in a collagen sandwich configuration. Pharmaceutical Research, 1998, 15, 1533-1539.	1.7	76

#	Article	IF	Citations
199	Characterization of a sodium-dependent transport system for butyrobetaine into rat liver plasma membrane vesicles. Hepatology, 1998, 28, 521-525.	3.6	16
200	Sodium taurocholate cotransporting polypeptide is a serine, threonine phosphoprotein and is dephosphorylated by cyclic adenosine monophosphate. Hepatology, 1998, 28, 1629-1636.	3.6	65
201	Bile acid and xenobiotic transporters in liver. Current Opinion in Cell Biology, 1998, 10, 462-467.	2.6	47
202	Expression, Distribution, and Activity of Na⁺,K⁺-ATPase in Normal and Cholestatic Rat Liver. Journal of Histochemistry and Cytochemistry, 1998, 46, 405-410.	1.3	9
203	The Sister of P-glycoprotein Represents the Canalicular Bile Salt Export Pump of Mammalian Liver. Journal of Biological Chemistry, 1998, 273, 10046-10050.	1.6	837
204	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.	1.6	41
205	Taurocholate induces preferential release of phosphatidylcholine from rat liver canalicular vesicles. Liver, 1998, 18, 306-312.	0.1	16
206	Isolation of a multispecific organic anion and cardiac glycoside transporter from rat brain. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 10346-10350.	3.3	376
207	Functional expression of the rat liver canalicular isoform of the multidrug resistance-associated protein. FEBS Letters, 1997, 406, 75-78.	1.3	77
208	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.	1.8	23
209	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.	1.8	98
210	cAMP increases liver Na+-taurocholate cotransport by translocating transporter to plasma membranes. American Journal of Physiology - Renal Physiology, 1997, 273, G842-G848.	1.6	42
211	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
212	Substrate specificity of sinusoidal bile acid and organic anion uptake systems in rat and human liver. Hepatology, 1997, 26, 1667-1677.	3.6	349
213	Interaction Between Amiodarone and Lidocaine. Journal of Cardiovascular Pharmacology, 1996, 28, 533-539.	0.8	22
214	Molecular and functional characterization of an organic anion transporting polypeptide cloned from human liver. Gastroenterology, 1995, 109, 1274-1282.	0.6	388
215	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.	3.6	43
216	Functional characterization of the basolateral rat liver organic anion transporting polypeptide. Hepatology, 1994, 20, 411-416.	3.6	127

#	Article	IF	Citations
217	In situ localization of the hepatocytic na+/taurocholate cotransporting polypeptide in rat liver. Gastroenterology, 1994, 107, 1781-1787.	0.6	212
218	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.	3.3	508
219	Parallel decrease of Na+ -taurocholate cotransport and its encoding mRNA in primary cultures of rat hepatocytes. Hepatology, 1993, 18, 1162-1166.	3.6	95
220	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.	3.3	85
221	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.	3.3	450
222	Expression of the hepatocellular chloride-dependent sulfobromophthalein uptake system in Xenopus laevis oocytes.. Journal of Clinical Investigation, 1991, 88, 2146-2149.	3.9	50
223	[20] Transport studies with renal proximal tubular and small intestinal brush border and basolateral membrane vesicles: Vesicle heterogeneity, coexistence of transport systems. Methods in Enzymology, 1989, 172, 346-364.	0.4	16
224	Isolation of brush-border membranes from rat and rabbit colonocytes: Is alkaline phosphatase a marker enzyme?. Journal of Membrane Biology, 1986, 91, 19-31.	1.0	62
225	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.	1.3	63
226	A high yield preparation for rat kidney brush border membranes Different behaviour of lysosomal markers. Biochimica Et Biophysica Acta - Biomembranes, 1981, 647, 169-176.	1.4	416
227	Chapter 1. Membrane Transporters: Fundamentals, Function and Their Role in ADME. , 0, , 1-56.		11
228	Chapter 2. Drug Transporters in the Liver: Their Involvement in the Uptake and Export of Endo- and Xeno-biotics. , 0, , 57-80.		0