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200
papers

20,366
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78
h-index

140
g-index

206
ext. papers

21,311
ext. citations

6.5
avg, IF

6.44
L-index

#	Paper	IF	Citations
200	Membrane transporters in drug development. <i>Nature Reviews Drug Discovery</i> , 2010 , 9, 215-36	64.1	2464
199	Conjugate export pumps of the multidrug resistance protein (MRP) family: localization, substrate specificity, and MRP2-mediated drug resistance. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1999 , 1461, 377-94	3.8	601
198	cDNA cloning of the hepatocyte canalicular isoform of the multidrug resistance protein, cMrp, reveals a novel conjugate export pump deficient in hyperbilirubinemic mutant rats. <i>Journal of Biological Chemistry</i> , 1996 , 271, 15091-8	5.4	487
197	The rat canalicular conjugate export pump (Mrp2) is down-regulated in intrahepatic and obstructive cholestasis. <i>Gastroenterology</i> , 1997 , 113, 255-64	13.3	446
196	Experimental hepatitis induced by D-galactosamine. <i>Experimental and Molecular Pathology</i> , 1968 , 9, 279-90	4.0	442
195	A novel human organic anion transporting polypeptide localized to the basolateral hepatocyte membrane. <i>American Journal of Physiology - Renal Physiology</i> , 2000 , 278, G156-64	5.1	409
194	Localization and genomic organization of a new hepatocellular organic anion transporting polypeptide. <i>Journal of Biological Chemistry</i> , 2000 , 275, 23161-8	5.4	408
193	Hepatic uptake of bilirubin and its conjugates by the human organic anion transporter SLC21A6. <i>Journal of Biological Chemistry</i> , 2001 , 276, 9626-30	5.4	391
192	Characterization of the human multidrug resistance protein isoform MRP3 localized to the basolateral hepatocyte membrane. <i>Hepatology</i> , 1999 , 29, 1156-63	11.2	377
191	The multidrug resistance protein 5 functions as an ATP-dependent export pump for cyclic nucleotides. <i>Journal of Biological Chemistry</i> , 2000 , 275, 30069-74	5.4	345
190	Expression and immunolocalization of the multidrug resistance proteins, MRP1-MRP6 (ABCC1-ABCC6), in human brain. <i>Neuroscience</i> , 2004 , 129, 349-60	3.9	299
189	The apical conjugate efflux pump ABCC2 (MRP2). <i>Pflugers Archiv European Journal of Physiology</i> , 2007 , 453, 643-59	4.6	279
188	Radixin deficiency causes conjugated hyperbilirubinemia with loss of Mrp2 from bile canalicular membranes. <i>Nature Genetics</i> , 2002 , 31, 320-5	36.3	276
187	Expression of organic cation transporters OCT1 (SLC22A1) and OCT3 (SLC22A3) is affected by genetic factors and cholestasis in human liver. <i>Hepatology</i> , 2009 , 50, 1227-40	11.2	272
186	Cotransport of reduced glutathione with bile salts by MRP4 (ABCC4) localized to the basolateral hepatocyte membrane. <i>Hepatology</i> , 2003 , 38, 374-84	11.2	272
185	Emerging transporters of clinical importance: an update from the International Transporter Consortium. <i>Clinical Pharmacology and Therapeutics</i> , 2013 , 94, 52-63	6.1	265
184	ATP-dependent glutathione disulphide transport mediated by the MRP gene-encoded conjugate export pump. <i>Biochemical Journal</i> , 1996 , 314 (Pt 2), 433-7	3.8	261

183	ATP-dependent transport of bilirubin glucuronides by the multidrug resistance protein MRP1 and its hepatocyte canalicular isoform MRP2. <i>Biochemical Journal</i> , 1997 , 327 (Pt 1), 305-10	3.8	257
182	The trapping of uridine phosphates by D-galactosamine. D-glucosamine, and 2-deoxy-D-galactose. A study on the mechanism of galactosamine hepatitis. <i>FEBS Journal</i> , 1970 , 17, 246-53		253
181	Hepatic canalicular membrane 5: Expression and localization of the conjugate export pump encoded by the MRP2 (cMRP/cMOAT) gene in liver. <i>FASEB Journal</i> , 1997 , 11, 509-16	0.9	244
180	Up-regulation of basolateral multidrug resistance protein 3 (Mrp3) in cholestatic rat liver. <i>Hepatology</i> , 2001 , 34, 351-9	11.2	237
179	ABCC drug efflux pumps and organic anion uptake transporters in human gliomas and the blood-tumor barrier. <i>Cancer Research</i> , 2005 , 65, 11419-28	10.1	235
178	Multidrug resistance proteins (MRPs, ABCCs): importance for pathophysiology and drug therapy. <i>Handbook of Experimental Pharmacology</i> , 2011 , 299-323	3.2	216
177	Molecular characterization and inhibition of amanitin uptake into human hepatocytes. <i>Toxicological Sciences</i> , 2006 , 91, 140-9	4.4	213
176	Expression of the MRP gene-encoded conjugate export pump in liver and its selective absence from the canalicular membrane in transport-deficient mutant hepatocytes. <i>Journal of Cell Biology</i> , 1995 , 131, 137-50	7.3	203
175	Tauroursodeoxycholic acid inserts the apical conjugate export pump, Mrp2, into canalicular membranes and stimulates organic anion secretion by protein kinase C-dependent mechanisms in cholestatic rat liver. <i>Hepatology</i> , 2001 , 33, 1206-16	11.2	202
174	Expression of the MRP2 gene-encoded conjugate export pump in human kidney proximal tubules and in renal cell carcinoma. <i>Journal of the American Society of Nephrology: JASN</i> , 1999 , 10, 1159-69	12.7	202
173	Vectorial transport by double-transfected cells expressing the human uptake transporter SLC21A8 and the apical export pump ABCC2. <i>Molecular Pharmacology</i> , 2001 , 60, 934-43	4.3	201
172	Leukotrienes as mediators in tissue trauma. <i>Science</i> , 1985 , 230, 330-2	33.3	195
171	Hepatic secretion of conjugated drugs and endogenous substances. <i>Seminars in Liver Disease</i> , 2000 , 20, 265-72	7.3	193
170	The relation of leukotrienes to liver injury. <i>Hepatology</i> , 1985 , 5, 883-91	11.2	191
169	Expression and localization of hepatobiliary transport proteins in progressive familial intrahepatic cholestasis. <i>Hepatology</i> , 2005 , 41, 1160-72	11.2	188
168	In vitro methods to support transporter evaluation in drug discovery and development. <i>Clinical Pharmacology and Therapeutics</i> , 2013 , 94, 95-112	6.1	184
167	Human hepatobiliary transport of organic anions analyzed by quadruple-transfected cells. <i>Molecular Pharmacology</i> , 2005 , 68, 1031-8	4.3	182
166	Studies on the mechanism of galactosamine-1-phosphate and its inhibition of UDP-glucose pyrophosphorylase. <i>FEBS Journal</i> , 1969 , 10, 219-25		181

165	Selective Uridine Triphosphate Deficiency Induced by d-Galactosamine in Liver and Reversed by Pyrimidine Nucleotide Precursors. <i>Journal of Biological Chemistry</i> , 1974 , 249, 211-216	5.4	178
164	Leukotrienes as mediators in ischemia-reperfusion injury in a microcirculation model in the hamster. <i>Journal of Clinical Investigation</i> , 1991 , 87, 2036-41	15.9	167
163	Mutations in the SLCO1B3 gene affecting the substrate specificity of the hepatocellular uptake transporter OATP1B3 (OATP8). <i>Pharmacogenetics and Genomics</i> , 2004 , 14, 441-52		156
162	Expression and localization of human multidrug resistance protein (ABCC) family members in pancreatic carcinoma. <i>International Journal of Cancer</i> , 2005 , 115, 359-67	7.5	154
161	Cholestasis caused by inhibition of the adenosine triphosphate-dependent bile salt transport in rat liver. <i>Gastroenterology</i> , 1994 , 107, 255-65	13.3	145
160	The multidrug resistance protein MRP1 mediates the release of glutathione disulfide from rat astrocytes during oxidative stress. <i>Journal of Neurochemistry</i> , 2001 , 76, 627-36	6	142
159	Expression of the multidrug resistance proteins MRP2 and MRP3 in human hepatocellular carcinoma. <i>International Journal of Cancer</i> , 2001 , 94, 492-9	7.5	141
158	Exon-intron organization of the human multidrug-resistance protein 2 (MRP2) gene mutated in Dubin-Johnson syndrome. <i>Gastroenterology</i> , 1999 , 117, 653-60	13.3	139
157	Hereditary defect of hepatobiliary cysteinyl leukotriene elimination in mutant rats with defective hepatic anion excretion. <i>Hepatology</i> , 1987 , 7, 224-8	11.2	139
156	ATP-dependent para-aminohippurate transport by apical multidrug resistance protein MRP2. <i>Kidney International</i> , 2000 , 57, 1636-42	9.9	138
155	Changes in the expression and localization of hepatocellular transporters and radixin in primary biliary cirrhosis. <i>Journal of Hepatology</i> , 2003 , 39, 693-702	13.4	137
154	The roles of MRP2, MRP3, OATP1B1, and OATP1B3 in conjugated hyperbilirubinemia. <i>Drug Metabolism and Disposition</i> , 2014 , 42, 561-5	4	136
153	Substrate specificity of human ABCC4 (MRP4)-mediated cotransport of bile acids and reduced glutathione. <i>American Journal of Physiology - Renal Physiology</i> , 2006 , 290, G640-9	5.1	130
152	Characterization of the ATP-dependent leukotriene C4 export carrier in mastocytoma cells. <i>FEBS Journal</i> , 1994 , 220, 599-606		128
151	Transport of monoglucuronosyl and bisglucuronosyl bilirubin by recombinant human and rat multidrug resistance protein 2. <i>Hepatology</i> , 1999 , 30, 485-90	11.2	127
150	Changes in the localization of the rat canalicular conjugate export pump Mrp2 in phalloidin-induced cholestasis. <i>Hepatology</i> , 1999 , 29, 814-21	11.2	119
149	Enzymic determination of uracil nucleotides in tissues. <i>Analytical Biochemistry</i> , 1970 , 38, 105-14	3.1	119
148	Export pumps for glutathione S-conjugates. <i>Free Radical Biology and Medicine</i> , 1999 , 27, 985-91	7.8	118

147	Impaired protein maturation of the conjugate export pump multidrug resistance protein 2 as a consequence of a deletion mutation in Dubin-Johnson syndrome. <i>Hepatology</i> , 2000 , 32, 1317-28	11.2	116
146	Involvement of mitogen-activated protein kinase signaling pathways in microcystin-LR-induced apoptosis after its selective uptake mediated by OATP1B1 and OATP1B3. <i>Toxicological Sciences</i> , 2007 , 97, 407-16	4.4	114
145	A naturally occurring mutation in the SLC21A6 gene causing impaired membrane localization of the hepatocyte uptake transporter. <i>Journal of Biological Chemistry</i> , 2002 , 277, 43058-63	5.4	111
144	Osmodependent dynamic localization of the multidrug resistance protein 2 in the rat hepatocyte canalicular membrane. <i>Gastroenterology</i> , 1997 , 113, 1438-42	13.3	110
143	ATP-dependent transport of leukotrienes B4 and C4 by the multidrug resistance protein ABCC4 (MRP4). <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008 , 324, 86-94	4.7	109
142	Production of peptide leukotrienes in endotoxin shock. <i>FEBS Letters</i> , 1985 , 180, 309-13	3.8	107
141	Identification of the major endogenous leukotriene metabolite in the bile of rats as N-acetyl leukotriene E4. <i>Prostaglandins</i> , 1986 , 31, 239-51		106
140	Detection of the human organic anion transporters SLC21A6 (OATP2) and SLC21A8 (OATP8) in liver and hepatocellular carcinoma. <i>Laboratory Investigation</i> , 2003 , 83, 527-38	5.9	103
139	Interplay of conjugating enzymes with OATP uptake transporters and ABCC/MRP efflux pumps in the elimination of drugs. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2008 , 4, 545-68	5.5	102
138	Differential inhibition by cyclosporins of primary-active ATP-dependent transporters in the hepatocyte canalicular membrane. <i>FEBS Letters</i> , 1993 , 333, 193-6	3.8	101
137	Inhibition by cyclosporin A of adenosine triphosphate-dependent transport from the hepatocyte into bile. <i>Gastroenterology</i> , 1993 , 104, 1507-14	13.3	97
136	A common Dubin-Johnson syndrome mutation impairs protein maturation and transport activity of MRP2 (ABCC2). <i>American Journal of Physiology - Renal Physiology</i> , 2003 , 284, G165-74	5.1	93
135	Vectorial transport of enalapril by Oatp1a1/Mrp2 and OATP1B1 and OATP1B3/MRP2 in rat and human livers. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006 , 318, 395-402	4.7	89
134	Expression and localization of the multidrug resistance proteins MRP2 and MRP3 in human gallbladder epithelia. <i>Gastroenterology</i> , 2001 , 121, 1203-8	13.3	88
133	Transport function and substrate specificity of multidrug resistance protein. <i>Methods in Enzymology</i> , 1998 , 292, 607-16	1.7	88
132	Hepatic canalicular membrane. Introduction: transport across the hepatocyte canalicular membrane. <i>FASEB Journal</i> , 1997 , 11, 15-8	0.9	87
131	Vectorial transport of the plant alkaloid berberine by double-transfected cells expressing the human organic cation transporter 1 (OCT1, SLC22A1) and the efflux pump MDR1 P-glycoprotein (ABCB1). <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2008 , 376, 449-61	3.4	87
130	Human multidrug resistance protein 8 (MRP8/ABCC11), an apical efflux pump for steroid sulfates, is an axonal protein of the CNS and peripheral nervous system. <i>Neuroscience</i> , 2006 , 137, 1247-57	3.9	85

129	Prostanoid transport by multidrug resistance protein 4 (MRP4/ABCC4) localized in tissues of the human urogenital tract. <i>Journal of Urology</i> , 2005 , 174, 2409-14	2.5	84
128	Activation of gene transcription by prostacyclin analogues is mediated by the peroxisome-proliferators-activated receptor (PPAR). <i>FEBS Journal</i> , 1996 , 235, 242-7		82
127	Characterization of the transport of the bicyclic peptide phalloidin by human hepatic transport proteins. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2003 , 368, 415-20	3.4	81
126	Characterization and quantification of rat bile phosphatidylcholine by electrospray-tandem mass spectrometry. <i>Analytical Biochemistry</i> , 1997 , 246, 102-10	3.1	80
125	Expression of the apical conjugate export pump, Mrp2, in the polarized hepatoma cell line, WIF-B. <i>Hepatology</i> , 1998 , 28, 1332-40	11.2	80
124	Export pumps for anionic conjugates encoded by MRP genes. <i>Advances in Enzyme Regulation</i> , 1999 , 39, 237-46		79
123	ATP-dependent transport of glutathione S-conjugates by the multidrug resistance protein MRP1 and its apical isoform MRP2. <i>Chemico-Biological Interactions</i> , 1998 , 111-112, 153-61	5	78
122	Identification and functional characterization of the natural variant MRP3-Arg1297His of human multidrug resistance protein 3 (MRP3/ABCC3). <i>Pharmacogenetics and Genomics</i> , 2004 , 14, 213-23		77
121	Characterization of the 5Rflanking region of the human multidrug resistance protein 2 (MRP2) gene and its regulation in comparison with the multidrug resistance protein 3 (MRP3) gene. <i>FEBS Journal</i> , 2000 , 267, 1347-58		77
120	The canalicular multidrug resistance protein, cMRP/MRP2, a novel conjugate export pump expressed in the apical membrane of hepatocytes. <i>Advances in Enzyme Regulation</i> , 1997 , 37, 321-33		76
119	Tumor necrosis factor alpha stimulates leukotriene production in vivo. <i>European Journal of Immunology</i> , 1988 , 18, 2085-8	6.1	74
118	Multidrug resistance protein-mediated transport of chlorambucil and melphalan conjugated to glutathione. <i>British Journal of Cancer</i> , 1998 , 77, 201-9	8.7	72
117	Leukotrienes: biosynthesis, transport, inactivation, and analysis. <i>Reviews of Physiology, Biochemistry and Pharmacology</i> , 1992 , 121, 1-30	2.9	72
116	Leukotrienes as mediators in frog virus 3-induced hepatitis in rats. <i>Hepatology</i> , 1987 , 7, 732-6	11.2	70
115	Absence of the canalicular isoform of the MRP gene-encoded conjugate export pump from the hepatocytes in Dubin-Johnson syndrome. <i>Hepatology</i> , 1996 , 23, 1061-6	11.2	69
114	Identification of the multidrug-resistance protein (MRP) as the glutathione-S-conjugate export pump of erythrocytes. <i>FEBS Journal</i> , 1996 , 241, 644-8		69
113	Metabolism of cysteinyl leukotrienes in monkey and man. <i>FEBS Journal</i> , 1990 , 194, 309-15		68
112	Liver restitution after acute galactosamine hepatitis: autoradiographic and biochemical studies in rats. <i>Experimental and Molecular Pathology</i> , 1970 , 12, 58-69	4.4	67

111	Localization, substrate specificity, and drug resistance conferred by conjugate export pumps of the MRP family. <i>Advances in Enzyme Regulation</i> , 2000 , 40, 339-49		66
110	Vectorial transport of the peptide CCK-8 by double-transfected MDCKII cells stably expressing the organic anion transporter OATP1B3 (OATP8) and the export pump ABCC2. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2005 , 313, 549-56	4.7	65
109	Induction of hepatic mrp2 (cmrp/cmoat) gene expression in nonhuman primates treated with rifampicin or tamoxifen. <i>Archives of Toxicology</i> , 1998 , 72, 763-8	5.8	64
108	Structural requirements for the apical sorting of human multidrug resistance protein 2 (ABCC2). <i>FEBS Journal</i> , 2002 , 269, 1866-76		61
107	ATP-dependent leukotriene export from mastocytoma cells. <i>FEBS Letters</i> , 1991 , 279, 83-6	3.8	58
106	Impaired degradation of leukotrienes in patients with peroxisome deficiency disorders. <i>Journal of Clinical Investigation</i> , 1993 , 91, 881-8	15.9	56
105	MRP2, a human conjugate export pump, is present and transports fluo 3 into apical vacuoles of Hep G2 cells. <i>American Journal of Physiology - Renal Physiology</i> , 2000 , 278, G522-31	5.1	52
104	Leukotriene antagonists prevent endotoxin lethality. <i>Die Naturwissenschaften</i> , 1982 , 69, 594-5	2	51
103	Immunolocalization of Multidrug Resistance Protein 5 in the Human Genitourinary System. <i>Journal of Urology</i> , 2002 , 167, 2271-2275	2.5	50
102	Human concentrative nucleoside transporter 1-mediated uptake of 5-azacytidine enhances DNA demethylation. <i>Molecular Cancer Therapeutics</i> , 2009 , 8, 225-31	6.1	49
101	Inhibition of transport across the hepatocyte canalicular membrane by the antibiotic fusidate. <i>Biochemical Pharmacology</i> , 2002 , 64, 151-8	6	47
100	Selective inhibition of MDR1 P-glycoprotein-mediated transport by the acridone carboxamide derivative GG918. <i>British Journal of Cancer</i> , 1999 , 79, 1053-60	8.7	47
99	Transport of leukotriene C4 and structurally related conjugates. <i>Vitamins and Hormones</i> , 2002 , 64, 153-84.5		46
98	ATP-dependent export pumps and their inhibition by cyclosporins. <i>Advances in Enzyme Regulation</i> , 1994 , 34, 371-80		46
97	ATP-dependent transport of amphiphilic cations across the hepatocyte canalicular membrane mediated by mdr1 P-glycoprotein. <i>FEBS Letters</i> , 1994 , 343, 168-72	3.8	45
96	Cell damage by trapping of biosynthetic intermediates. The role of uracil nucleotides in experimental hepatitis. <i>Hoppe-Seyler's Zeitschrift Für Physiologische Chemie</i> , 1971 , 352, 412-8		44
95	The substrate supply of the human skeletal muscle at rest, during and after work. <i>Experientia</i> , 1967 , 23, 974-9		44
94	Analysis of cysteinyl leukotrienes in human urine:enhanced excretion in patients with liver cirrhosis and hepatorenal syndrome*. <i>European Journal of Clinical Investigation</i> , 1989 , 19, 53-60	4.6	42

93	Staphylococcal enterotoxin B as a nonimmunological mast cell stimulus in primates: the role of endogenous cysteinyl leukotrienes. <i>International Archives of Allergy and Immunology</i> , 1987 , 82, 289-91	3.7	42
92	Uridylate trapping induced by the C-2-modified D-glucose analogs glucosone, fluoroglucose, and glucosamine. <i>FEBS Journal</i> , 1982 , 121, 469-74		42
91	Noninvasive assessment of hepatobiliary and renal elimination of cysteinyl leukotrienes by positron emission tomography. <i>Hepatology</i> , 1995 , 21, 1568-1575	11.2	41
90	Inhibition of leukotriene D4 catabolism by D-penicillamine. <i>FEBS Journal</i> , 1987 , 167, 73-9		40
89	Leukotrienes as mediators in diseases of the liver. <i>Seminars in Liver Disease</i> , 1988 , 8, 357-66	7.3	39
88	D-glucosamine-induced changes in nucleotide metabolism and growth of colon-carcinoma cells in culture. <i>Biochemical Journal</i> , 1984 , 217, 701-8	3.8	37
87	Prevention of endogenous leukotriene production during anaphylaxis in the guinea pig by an inhibitor of leukotriene biosynthesis (MK-886) but not by dexamethasone. <i>Journal of Experimental Medicine</i> , 1989 , 170, 1905-18	16.6	36
86	Ethanol-induced inhibition of leukotriene degradation by omega-oxidation. <i>FEBS Journal</i> , 1989 , 182, 223-9		36
85	The function of the multidrug resistance proteins (MRP and cMRP) in drug conjugate transport and hepatobiliary excretion. <i>Advances in Enzyme Regulation</i> , 1996 , 36, 17-29		35
84	2-Deoxy-D-galactose metabolism in ascites hepatoma cells results in phosphate trapping and glycolysis inhibition. <i>FEBS Journal</i> , 1977 , 73, 83-92		35
83	Purification of the human apical conjugate export pump MRP2 reconstitution and functional characterization as substrate-stimulated ATPase. <i>FEBS Journal</i> , 1999 , 265, 281-9		34
82	Metabolism and analysis of endogenous cysteinyl leukotrienes. <i>Annals of the New York Academy of Sciences</i> , 1988 , 524, 68-74	6.5	34
81	Changes in uridine nucleotides during liver perfusion with D-galactosamine. <i>FEBS Letters</i> , 1969 , 4, 278-280		34
80	Uptake and efflux transporters for conjugates in human hepatocytes. <i>Methods in Enzymology</i> , 2005 , 400, 531-42	1.7	33
79	Identification and characterization of two cysteinyl-leukotriene high affinity binding sites with receptor characteristics in human lung parenchyma. <i>Molecular Pharmacology</i> , 1998 , 53, 750-8	4.3	33
78	w-oxidation products of leukotriene E4 in bile and urine of the monkey. <i>Biochemical and Biophysical Research Communications</i> , 1987 , 148, 664-70	3.4	33
77	Cysteinyl leukotrienes in the urine of patients with liver diseases. <i>Hepatology</i> , 1994 , 20, 804-12	11.2	32
76	Direct photoaffinity labeling of leukotriene binding sites. <i>FEBS Journal</i> , 1989 , 186, 741-7		31

75	Cholestasis and the role of basolateral efflux pumps. <i>Zeitschrift Fur Gastroenterologie</i> , 2011 , 49, 1553-7	1.6	30
74	Cysteinyl leukotrienes as mediators of staphylococcal enterotoxin B in the monkey. <i>European Journal of Clinical Investigation</i> , 1987 , 17, 455-9	4.6	30
73	Substrate properties of 5-fluorouridine diphospho sugars detected in hepatoma cells. <i>Biochemical Pharmacology</i> , 1984 , 33, 2291-8	6	30
72	Cytosine nucleotides in liver. <i>Hoppe-Seyler's Zeitschrift Für Physiologische Chemie</i> , 1971 , 352, 275-9		28
71	Separation and analysis of 4Repimeric UDP-sugars by borate high-performance liquid chromatography. <i>Analytical Biochemistry</i> , 1983 , 132, 405-12	3.1	27
70	Increased de novo pyrimidine nucleotide synthesis in liver induced by ammonium ions in amounts surpassing the urea cycle capacity. <i>FEBS Journal</i> , 1977 , 76, 157-63		27
69	Peroxisomal leukotriene degradation: biochemical and clinical implications. <i>Advances in Enzyme Regulation</i> , 1993 , 33, 181-94		26
68	Phorbol ester-induced leukotriene biosynthesis and tumor promotion in mouse epidermis. <i>Carcinogenesis</i> , 1994 , 15, 2823-7	4.6	26
67	Metabolism of 2-deoxy-D-galactose in liver induces phosphate and uridylate trapping. <i>FEBS Journal</i> , 1977 , 80, 373-9		26
66	Increased formation of nucleotide derivatives of 5-fluorouridine in hepatoma cells treated with inhibitors of pyrimidine synthesis and D-galactosamine. <i>FEBS Letters</i> , 1978 , 95, 361-5	3.8	26
65	Activity and distribution of the enzymes of uridylate synthesis from orotate in animal tissues. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1972 , 258, 395-403	3.8	26
64	Leukotriene C4 metabolism by hepatoma cells deficient in the uptake of cysteinyl leukotrienes. <i>FEBS Journal</i> , 1986 , 154, 559-62		25
63	MRP2, THE APICAL EXPORT PUMP FOR ANIONIC CONJUGATES 2003 , 423-443		24
62	Transport and in vivo elimination of cysteinyl leukotrienes. <i>Advances in Enzyme Regulation</i> , 1992 , 32, 107-16		24
61	Dual role of hexose-1-phosphate uridylyltransferase in galactosamine metabolism. <i>FEBS Journal</i> , 1982 , 128, 163-8		23
60	Human mast cells secreting leukotriene C4 express the MRP1 gene-encoded conjugate export pump. <i>Biological Chemistry</i> , 1998 , 379, 1121-6	4.5	23
59	Leukotriene uptake by hepatocytes and hepatoma cells. <i>FEBS Journal</i> , 1992 , 209, 281-9		23
58	Fate of intravenously administered UDPglucose. <i>Hoppe-Seyler's Zeitschrift Für Physiologische Chemie</i> , 1970 , 351, 729-36		23

57	Ultrastructural studies on the effect of choline orotate on galactosamine induced hepatic injury in rats. <i>Experimental and Molecular Pathology</i> , 1972 , 16, 33-46	4.4	23
56	Leukotriene C4 metabolism by hepatoma cells and liver. <i>Advances in Enzyme Regulation</i> , 1987 , 26, 211-24		22
55	Data-based mathematical modeling of vectorial transport across double-transfected polarized cells. <i>Drug Metabolism and Disposition</i> , 2007 , 35, 1476-81	4	21
54	Vectorial transport of nucleoside analogs from the apical to the basolateral membrane in double-transfected cells expressing the human concentrative nucleoside transporter hCNT3 and the export pump ABCC4. <i>Drug Metabolism and Disposition</i> , 2010 , 38, 1054-63	4	20
53	Metabolic inactivation of leukotrienes. <i>Advances in Enzyme Regulation</i> , 1989 , 28, 307-19		20
52	Metabolism and actions of 2-deoxy-2-fluoro-D-galactose in vivo. <i>FEBS Journal</i> , 1990 , 190, 11-9		20
51	Role of leukotrienes in endotoxin action in vivo. <i>Clinical Infectious Diseases</i> , 1987 , 9 Suppl 5, S580-4	11.6	19
50	Progress in the Molecular Characterization of Hepatobiliary Transporters. <i>Digestive Diseases</i> , 2017 , 35, 197-202	3.2	18
49	Functional reconstitution of ATP-dependent transporters from the solubilized hepatocyte canalicular membrane. <i>FEBS Journal</i> , 1994 , 224, 345-52		17
48	Uridylate trapping, induction of UTP deficiency, and stimulation of pyrimidine synthesis de novo by D-galactosone. <i>Biochemical Journal</i> , 1982 , 206, 139-46	3.8	17
47	Enzymatic analysis of guanine nucleotides in tissues and cells. <i>Analytical Biochemistry</i> , 1978 , 86, 147-53	3.1	17
46	Identification of the biosynthetic leukotriene C4 export pump in murine mastocytoma cells as a homolog of the multidrug-resistance protein. <i>FEBS Journal</i> , 1996 , 242, 201-5		16
45	Trapping of uridine phosphates by D-galactose in ethanol-treated liver. <i>FEBS Letters</i> , 1970 , 11, 193-196	3.8	16
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28	Determination of 5'-Nucleotides as Nucleoside-5'-monophosphates 1974 , 2088-2096		10
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