Ikumi Tamai

List of Publications by Year in Descending Order

197 papers	10,728 citations	54 h-index	99 g-index
202 ext. papers	11,510 ext. citations	4 avg, IF	6.1 L-index

#	Paper	IF	Citations
197	Evaluation of Platinum Anticancer Drug-Induced Kidney Injury in Primary Culture of Rat Kidney Tissue Slices by Using Gas-Permeable Plates.. *Biological and Pharmaceutical Bulletin*, **2022**, 45, 316-322	2.3	
196	Characterization of Aripiprazole Uptake Transporter in the Blood-Brain Barrier Model hCMEC/D3 Cells by Targeted siRNA Screening.. *Pharmaceutical Research*, **2022**, 1	4.5	0
195	CD38 activation by monosodium urate crystals contributes to inflammatory responses in human and murine macrophages. *Biochemical and Biophysical Research Communications*, **2021**, 581, 6-11	3.4	0
194	Assessment of drug transporters involved in the urinary secretion of [Tc]dimercaptosuccinic acid. *Nuclear Medicine and Biology*, **2021**, 94-95, 92-97	2.1	1
193	Identification of Triterpene Acids in Extract as Bile Acid Uptake Transporter Inhibitors. *Drug Metabolism and Disposition*, **2021**, 49, 353-360	4	1
192	A Novel Fluorescence-Based Method to Evaluate Ileal Apical Sodium-Dependent Bile Acid Transporter ASBT. *Journal of Pharmaceutical Sciences*, **2021**, 110, 1392-1400	3.9	1
191	Drug Transcellular Transport Assay Using a High Porosity Honeycomb Film. *Biological and Pharmaceutical Bulletin*, **2021**, 44, 635-641	2.3	1
190	MicroRNAs in Apple-Derived Nanoparticles Modulate Intestinal Expression of Organic Anion-Transporting Peptide 2B1/ in Caco-2 Cells. *Drug Metabolism and Disposition*, **2021**, 49, 803-809	4	1
189	Uptake Pathway of Apple-derived Nanoparticle by Intestinal Cells to Deliver its Cargo. *Pharmaceutical Research*, **2021**, 38, 523-530	4.5	2
188	3CL Protease Inhibitors with an Electrophilic Arylketone Moiety as Anti-SARS-CoV-2 Agents. *Journal of Medicinal Chemistry*, **2021**,	8.3	16
187	Model Analysis of the Apparent Saturation Kinetics of Purine Nucleobase Uptake in Cells co-Expressing Transporter and Metabolic Enzyme. *Pharmaceutical Research*, **2021**, 38, 1585-1592	4.5	0
186	Influence of osmolality on gastrointestinal fluid volume and drug absorption: potential impact on oral salt supplementation. *Journal of Pharmaceutical Health Care and Sciences*, **2021**, 7, 29	1.8	2
185	Contribution of Prostaglandin Transporter OATP2A1/SLCO2A1 to Placenta-to-Maternal Hormone Signaling and Labor Induction. *IScience*, **2020**, 23, 101098	6.1	7
184	Identification of the Uptake Transporter Responsible for Distribution of Acotiamide into Stomach Tissue. *Molecular Pharmaceutics*, **2020**, 17, 1071-1078	5.6	
183	Renal Reabsorptive Transport of Uric Acid Precursor Xanthine by URAT1 and GLUT9. *Biological and Pharmaceutical Bulletin*, **2020**, 43, 1792-1798	2.3	4
182	Post-transcriptional regulation of OATP2B1 transporter by a microRNA, miR-24. *Drug Metabolism and Pharmacokinetics*, **2020**, 35, 515-521	2.2	4
181	Transport mechanism and affinity of [99mTc]Tc-mercaptoacetyltriglycine ([99mTc]MAG3) on the apical membrane of renal proximal tubule cells. *Nuclear Medicine and Biology*, **2020**, 84-85, 33-37	2.1	3

180	ABCG2 requires a single aromatic amino acid to "clamp" substrates and inhibitors into the binding pocket. *FASEB Journal*, **2020**, 34, 4890-4903	0.9	14
179	Toxicological implication of prostaglandin transporter SLCO2A1 inhibition by cigarette smoke in exacerbation of lung inflammation. *Toxicology and Applied Pharmacology*, **2020**, 405, 115201	4.6	3
178	Mathematical modeling analysis of hepatic uric acid disposition using human sandwich-cultured hepatocytes. *Drug Metabolism and Pharmacokinetics*, **2020**, 35, 432-440	2.2	4
177	[I]MIBG exports via MRP transporters and inhibition of the MRP transporters improves accumulation of [I]MIBG in neuroblastoma. *Nuclear Medicine and Biology*, **2020**, 90-91, 49-54	2.1	3
176	Pillar[6]arene acts as a biosensor for quantitative detection of a vitamin metabolite in crude biological samples. *Communications Chemistry*, **2020**, 3,	6.3	4
175	Imaging of hepatic drug transporters with [I]6-Iodomethyl-19-norcholesterol. *Scientific Reports*, **2019**, 9, 13413	4.9	1
174	Rat Kidney Slices for Evaluation of Apical Membrane Transporters in Proximal Tubular Cells. *Journal of Pharmaceutical Sciences*, **2019**, 108, 2798-2804	3.9	7
173	Changes of drug pharmacokinetics mediated by downregulation of kidney organic cation transporters Mate1 and Oct2 in a rat model of hyperuricemia. *PLoS ONE*, **2019**, 14, e0214862	3.7	7
172	Identification of MRP2 as a targetable factor limiting oxaliplatin accumulation and response in gastrointestinal cancer. *Scientific Reports*, **2019**, 9, 2245	4.9	11
171	In vivo hepatic clearance of lipophilic drugs predicted by in vitro uptake data into cryopreserved hepatocytes suspended in sera of rats, guinea pigs, monkeys and humans. *Xenobiotica*, **2019**, 49, 887-894	2	3
170	Identification of the Catechin Uptake Transporter Responsible for Intestinal Absorption of Epigallocatechin Gallate in Mice. *Scientific Reports*, **2019**, 9, 11014	4.9	17
169	Quantification of Prostaglandin E Concentration in Interstitial Fluid from the Hypothalamic Region of Free-moving Mice. *Bio-protocol*, **2019**, 9, e3324	0.9	1
168	Experimental Evidence for Resecretion of PGE across Rat Alveolar Epithelium by OATP2A1/S-Mediated Transcellular Transport. *Journal of Pharmacology and Experimental Therapeutics*, **2019**, 368, 317-325	4.7	6
167	Uric acid analogue as a possible xenobiotic marker of uric acid transporter Urat1 in rats. *Drug Metabolism and Pharmacokinetics*, **2019**, 34, 155-158	2.2	4
166	Effect of endogenous multidrug resistance 1 and P-glycoprotein expression on anticancer drug resistance in colon cancer cell lines. *Biopharmaceutics and Drug Disposition*, **2019**, 40, 32-43	1.7	7
165	Sandwich-Cultured Hepatocytes for Mechanistic Understanding of Hepatic Disposition of Parent Drugs and Metabolites by Transporter-Enzyme Interplay. *Drug Metabolism and Disposition*, **2018**, 46, 680-691	4	11
164	Hyperuricemia enhances intracellular urate accumulation via down-regulation of cell-surface BCRP/ABCG2 expression in vascular endothelial cells. *Biochimica Et Biophysica Acta - Biomembranes*, **2018**, 1860, 973-980	3.8	24
163	Impact of Breast Cancer Resistance Protein Expression on the In Vitro Efficacy of Anticancer Drugs in Pancreatic Cancer Cell Lines. *Drug Metabolism and Disposition*, **2018**, 46, 214-222	4	5

162	Cyclophosphamide-induced hemorrhagic cystitis in young patients with solid tumors: A single institution study. *Asia-Pacific Journal of Clinical Oncology*, **2018**, 14, e460-e464	1.9	3
161	Regulatory Effect of Fruit-derived Nanoparticle on Intestinal Transporters. *FASEB Journal*, **2018**, 32, 693.6	6.9	
160	Foreword. *Biological and Pharmaceutical Bulletin*, **2018**, 41, 1322-1323	2.3	0
159	Different Efflux Transporter Affinity and Metabolism of Tc-2-Methoxyisobutylisonitrile and Tc-Tetrofosmin for Multidrug Resistance Monitoring in Cancer. *Pharmaceutical Research*, **2018**, 36, 18	4.5	9
158	Contribution of equilibrative nucleoside transporter(s) to intestinal basolateral and apical transports of anticancer trifluridine. *Biopharmaceutics and Drug Disposition*, **2018**, 39, 38-46	1.7	10
157	Oral drug delivery system targeting intestinal transporters. *Drug Delivery System*, **2018**, 33, 377-389	0	
156	Apple-Derived Nanoparticles Modulate Expression of Organic-Anion-Transporting Polypeptide (OATP) 2B1 in Caco-2 Cells. *Molecular Pharmaceutics*, **2018**, 15, 5772-5780	5.6	35
155	Membrane Transporters Contributing to PGE Distribution in Central Nervous System. *Biological and Pharmaceutical Bulletin*, **2018**, 41, 1337-1347	2.3	2
154	Prostaglandin Transporter OATP2A1/ Is Essential for Body Temperature Regulation during Fever. *Journal of Neuroscience*, **2018**, 38, 5584-5595	6.6	24
153	Effect of tyrosine kinase inhibitors on renal handling of creatinine by MATE1. *Scientific Reports*, **2018**, 8, 9237	4.9	22
152	Impact of FDA-Approved Drugs on the Prostaglandin Transporter OATP2A1/SLCO2A1. *Journal of Pharmaceutical Sciences*, **2017**, 106, 2483-2490	3.9	13
151	Association of miR-145 With Statin-Induced Skeletal Muscle Toxicity in Human Rhabdomyosarcoma RD Cells. *Journal of Pharmaceutical Sciences*, **2017**, 106, 2873-2880	3.9	2
150	Inhibitory Effect of Crizotinib on Creatinine Uptake by Renal Secretory Transporter OCT2. *Journal of Pharmaceutical Sciences*, **2017**, 106, 2899-2903	3.9	14
149	Co-localization of microsomal prostaglandin E synthase-1 with cyclooxygenase-1 in layer II of murine placental syncytiotrophoblasts. *Placenta*, **2017**, 53, 76-82	3.4	3
148	Impact of Organic Cation Transporters (OCT-SLC22A) on Differential Diagnosis of Intrahepatic Lesions. *Drug Metabolism and Disposition*, **2017**, 45, 166-173	4	14
147	Comparative Evaluation of Dehydroepiandrosterone Sulfate Potential to Predict Hepatic Organic Anion Transporting Polypeptide Transporter-Based Drug-Drug Interactions. *Drug Metabolism and Disposition*, **2017**, 45, 224-227	4	5
146	Usefulness of kidney slices for functional analysis of apical reabsorptive transporters. *Scientific Reports*, **2017**, 7, 12814	4.9	7
145	A novel role for OATP2A1/SLCO2A1 in a murine model of colon cancer. *Scientific Reports*, **2017**, 7, 16567	4.9	23

144	Different Involvement of OAT in Renal Disposition of Oral Anticoagulants Rivaroxaban, Dabigatran, and Apixaban. *Journal of Pharmaceutical Sciences*, **2017**, 106, 2524-2534	3.9	6
143	Roles of Organic Anion Transporting Polypeptide 2A1 (OATP2A1/SLCO2A1) in Regulating the Pathophysiological Actions of Prostaglandins. *AAPS Journal*, **2017**, 20, 13	3.7	24
142	Organic Anion Transporting Polypeptide (OATP)2B1 Contributes to Gastrointestinal Toxicity of Anticancer Drug SN-38, Active Metabolite of Irinotecan Hydrochloride. *Drug Metabolism and Disposition*, **2016**, 44, 1-7	4	32
141	Analysis of the Metabolic Pathway of Bosentan and of the Cytotoxicity of Bosentan Metabolites Based on a Quantitative Modeling of Metabolism and Transport in Sandwich-Cultured Human Hepatocytes. *Drug Metabolism and Disposition*, **2016**, 44, 16-27	4	11
140	Local Drug-Drug Interaction of Donepezil with Cilostazol at Breast Cancer Resistance Protein (ABCG2) Increases Drug Accumulation in Heart. *Drug Metabolism and Disposition*, **2016**, 44, 68-74	4	13
139	Prostaglandin transporter (OATP2A1/SLCO2A1) contributes to local disposition of eicosapentaenoic acid-derived PGE3. *Prostaglandins and Other Lipid Mediators*, **2016**, 122, 10-7	3.7	17
138	Role of OATP2A1 in PGE(2) secretion from human colorectal cancer cells via exocytosis in response to oxidative stress. *Experimental Cell Research*, **2016**, 341, 123-31	4.2	11
137	A retrospective study of treatment and prophylaxis of ifosfamide-induced hemorrhagic cystitis in pediatric and adolescent and young adult (AYA) patients with solid tumors. *Japanese Journal of Clinical Oncology*, **2016**, 46, 856-61	2.8	6
136	Molecular localization and characterization of multiple binding sites of organic anion transporting polypeptide 2B1 (OATP2B1) as the mechanism for substrate and modulator dependent drug–drug interaction. *MedChemComm*, **2016**, 7, 1775-1782	5	17
135	The change of pharmacokinetics of fexofenadine enantiomers through the single and simultaneous grapefruit juice ingestion. *Drug Metabolism and Pharmacokinetics*, **2015**, 30, 352-7	2.2	22
134	Organic anion transporting polypeptide 2B1 expression correlates with uptake of estrone-3-sulfate and cell proliferation in estrogen receptor-positive breast cancer cells. *Drug Metabolism and Pharmacokinetics*, **2015**, 30, 133-41	2.2	16
133	Modeling approach for multiple transporters-mediated drug-drug interactions in sandwich-cultured human hepatocytes: effect of cyclosporin A on hepatic disposition of mycophenolic acid phenyl-glucuronide. *Drug Metabolism and Pharmacokinetics*, **2015**, 30, 142-8	2.2	8
132	OATP2A1/SLCO2A1-mediated prostaglandin E2 loading into intracellular acidic compartments of macrophages contributes to exocytotic secretion. *Biochemical Pharmacology*, **2015**, 98, 629-38	6	24
131	Kinetic Evaluation of Determinant Factors for Cellular Accumulation of Protoporphyrin IX Induced by External 5-Aminolevulinic Acid for Photodynamic Cancer Therapy. *Journal of Pharmaceutical Sciences*, **2015**, 104, 3092-100	3.9	11
130	Involvement of Concentrative Nucleoside Transporter 1 in Intestinal Absorption of Trifluridine Using Human Small Intestinal Epithelial Cells. *Journal of Pharmaceutical Sciences*, **2015**, 104, 3146-53	3.9	10
129	Gordon L. Amidon: Very Sustained Drug Absorption. *Journal of Pharmaceutical Sciences*, **2015**, 104, 2650-53	3.9	1
128	Prostaglandin Transporter (PGT/SLCO2A1) Protects the Lung from Bleomycin-Induced Fibrosis. *PLoS ONE*, **2015**, 10, e0123895	3.7	30
127	Dehydroepiandrosterone sulfate, a useful endogenous probe for evaluation of drug-drug interaction on hepatic organic anion transporting polypeptide (OATP) in cynomolgus monkeys. *Drug Metabolism and Pharmacokinetics*, **2015**, 30, 198-204	2.2	22

126	In-vitro evidence of enhanced breast cancer resistance protein-mediated intestinal urate secretion by uremic toxins in Caco-2 cells. *Journal of Pharmacy and Pharmacology*, **2015**, 67, 170-7	4.8	11
125	Interaction of Drug or Food with Drug Transporters in Intestine and Liver. *Current Drug Metabolism*, **2015**, 16, 753-64	3.5	54
124	Substrate- and dose-dependent drug interactions with grapefruit juice caused by multiple binding sites on OATP2B1. *Pharmaceutical Research*, **2014**, 31, 2035-43	4.5	40
123	Mathematical modeling of the in vitro hepatic disposition of mycophenolic acid and its glucuronide in sandwich-cultured human hepatocytes. *Molecular Pharmaceutics*, **2014**, 11, 568-79	5.6	22
122	Effects of one-time apple juice ingestion on the pharmacokinetics of fexofenadine enantiomers. *European Journal of Clinical Pharmacology*, **2014**, 70, 1087-95	2.8	24
121	Accumulation of trans-1-amino-3-[(18)F]fluorocyclobutanecarboxylic acid in prostate cancer due to androgen-induced expression of amino acid transporters. *Molecular Imaging and Biology*, **2014**, 16, 756-64	3.8	28
120	Transport mechanisms of hepatic uptake and bile excretion in clinical hepatobiliary scintigraphy with 99mTc-N-pyridoxyl-5-methyltryptophan. *Nuclear Medicine and Biology*, **2014**, 41, 338-42	2.1	16
119	Putative roles of organic anion transporting polypeptides (OATPs) in cell survival and progression of human cancers. *Biopharmaceutics and Drug Disposition*, **2014**, 35, 463-84	1.7	16
118	More relevant prediction for in vivo drug interaction of candesartan cilexetil on hepatic bile acid transporter BSEP using sandwich-cultured hepatocytes. *Drug Metabolism and Pharmacokinetics*, **2014**, 29, 94-6	2.2	5
117	SGLT2 inhibitor lowers serum uric acid through alteration of uric acid transport activity in renal tubule by increased glycosuria. *Biopharmaceutics and Drug Disposition*, **2014**, 35, 391-404	1.7	197
116	How does whisky lower serum urate level?. *Phytotherapy Research*, **2014**, 28, 788-90	6.7	3
115	Major active components in grapefruit, orange, and apple juices responsible for OATP2B1-mediated drug interactions. *Journal of Pharmaceutical Sciences*, **2013**, 102, 3418-26	3.9	40
114	OATP transporter-mediated drug absorption and interaction. *Current Opinion in Pharmacology*, **2013**, 13, 859-63	5.1	49
113	Pharmacological and pathophysiological roles of carnitine/organic cation transporters (OCTNs: SLC22A4, SLC22A5 and Slc22a21). *Biopharmaceutics and Drug Disposition*, **2013**, 34, 29-44	1.7	101
112	Major active components in grapefruit, orange, and apple juices responsible for OATP2B1-mediated drug interactions. *Journal of Pharmaceutical Sciences*, **2013**, 102, 280-8	3.9	40
111	Functional cooperation of SMCTs and URAT1 for renal reabsorption transport of urate. *Drug Metabolism and Pharmacokinetics*, **2013**, 28, 153-8	2.2	17
110	Evaluation of hepatic disposition of paroxetine using sandwich-cultured rat and human hepatocytes. *Drug Metabolism and Disposition*, **2013**, 41, 735-43	4	15
109	A role of prostaglandin transporter in regulating PGE release from human bronchial epithelial BEAS-2B cells in response to LPS. *Journal of Endocrinology*, **2013**, 217, 265-74	4.7	20

108	Long-lasting inhibitory effect of apple and orange juices, but not grapefruit juice, on OATP2B1-mediated drug absorption. *Drug Metabolism and Disposition*, **2013**, 41, 615-21	4	42
107	In vivo evidence of organic cation transporter-mediated tracheal accumulation of the anticholinergic agent ipratropium in mice. *Journal of Pharmaceutical Sciences*, **2013**, 102, 3373-81	3.9	17
106	Cancer cells uptake porphyrinsviaheme carrier protein 1. *Journal of Porphyrins and Phthalocyanines*, **2013**, 17, 36-43	1.8	21
105	Functional cooperation of URAT1 (SLC22A12) and URATv1 (SLC2A9) in renal reabsorption of urate. *Nephrology Dialysis Transplantation*, **2013**, 28, 603-11	4.3	37
104	Analysis of Intestinal Transporters. *AAPS Advances in the Pharmaceutical Sciences Series*, **2013**, 179-199	0.5	
103	Synthesis of [□□C]uric acid, using [□□C]phosgene, as a possible biomarker in PET imaging for diagnosis of gout. *Bioorganic and Medicinal Chemistry Letters*, **2012**, 22, 115-9	2.9	9
102	Functional pleiotropy of organic anion transporting polypeptide OATP2B1 due to multiple binding sites. *Drug Metabolism and Pharmacokinetics*, **2012**, 27, 360-4	2.2	54
101	Active intestinal absorption of fluoroquinolone antibacterial agent ciprofloxacin by organic anion transporting polypeptide, Oatp1a5. *Biopharmaceutics and Drug Disposition*, **2012**, 33, 332-41	1.7	33
100	Enhanced expression of organic anion transporting polypeptides (OATPs) in androgen receptor-positive prostate cancer cells: possible role of OATP1A2 in adaptive cell growth under androgen-depleted conditions. *Biochemical Pharmacology*, **2012**, 84, 1070-7	6	49
99	Application of quantitative time-lapse imaging (QTLI) for evaluation of Mrp2-based drug-drug interaction induced by liver metabolites. *Toxicology and Applied Pharmacology*, **2012**, 263, 244-50	4.6	12
98	Oral drug delivery targeting intestinal transporter. *Drug Delivery System*, **2012**, 27, 350-360	0	
97	Oral drug delivery utilizing intestinal OATP transporters. *Advanced Drug Delivery Reviews*, **2012**, 64, 508-18	18.5	128
96	Extra-renal elimination of uric acid via intestinal efflux transporter BCRP/ABCG2. *PLoS ONE*, **2012**, 7, e30456	3.7	145
95	Genetic polymorphisms of OATP transporters and their impact on intestinal absorption and hepatic disposition of drugs. *Drug Metabolism and Pharmacokinetics*, **2012**, 27, 106-21	2.2	87
94	Functional characterization of apical transporters expressed in rat proximal tubular cells (PTCs) in primary culture. *Molecular Pharmaceutics*, **2011**, 8, 2142-50	5.6	11
93	Identification and functional characterization of uric acid transporter Urat1 (Slc22a12) in rats. *Biochimica Et Biophysica Acta - Biomembranes*, **2011**, 1808, 1441-7	3.8	25
92	The effects of the SLCO2B1 c.1457C > T polymorphism and apple juice on the pharmacokinetics of fexofenadine and midazolam in humans. *Pharmacogenetics and Genomics*, **2011**, 21, 84-93	1.9	124
91	Intestinal absorption of HMG-CoA reductase inhibitor pitavastatin mediated by organic anion transporting polypeptide and P-glycoprotein/multidrug resistance 1. *Drug Metabolism and Pharmacokinetics*, **2011**, 26, 171-9	2.2	49

90	Carnitine precursor γ-butyrobetaine is a novel substrate of the Na(+)- and Cl(-)-dependent GABA transporter Gat2. *Drug Metabolism and Pharmacokinetics*, **2011**, 26, 632-6	2.2	4
89	Solute carrier transporters as targets for drug delivery and pharmacological intervention for chemotherapy. *Journal of Pharmaceutical Sciences*, **2011**, 100, 3731-50	3.9	91
88	Differential effect of grapefruit juice on intestinal absorption of statins due to inhibition of organic anion transporting polypeptide and/or P-glycoprotein. *Journal of Pharmaceutical Sciences*, **2011**, 100, 3843-53	3.9	50
87	Effect of milk on the pharmacokinetics of oseltamivir in healthy volunteers. *Journal of Pharmaceutical Sciences*, **2011**, 100, 3854-61	3.9	29
86	Putative transport mechanism and intracellular fate of trans-1-amino-3-18F-fluorocyclobutanecarboxylic acid in human prostate cancer. *Journal of Nuclear Medicine*, **2011**, 52, 822-9	8.9	112
85	Oxaliplatin transport mediated by organic cation/carnitine transporters OCTN1 and OCTN2 in overexpressing human embryonic kidney 293 cells and rat dorsal root ganglion neurons. *Journal of Pharmacology and Experimental Therapeutics*, **2011**, 338, 537-47	4.7	103
84	Organic cation transporter-mediated renal secretion of ipratropium and tiotropium in rats and humans. *Drug Metabolism and Disposition*, **2011**, 39, 117-22	4	34
83	Quantitative time-lapse imaging-based analysis of drug-drug interaction mediated by hepatobiliary transporter, multidrug resistance-associated protein 2, in sandwich-cultured rat hepatocytes. *Drug Metabolism and Disposition*, **2011**, 39, 984-91	4	29
82	Functional expression of carnitine/organic cation transporter OCTN1/SLC22A4 in mouse small intestine and liver. *Drug Metabolism and Disposition*, **2010**, 38, 1665-72	4	46
81	Species difference in the effect of grapefruit juice on intestinal absorption of talinolol between human and rat. *Journal of Pharmacology and Experimental Therapeutics*, **2010**, 332, 181-9	4.7	106
80	Intestinal absorption mechanism of tebipenem pivoxil, a novel oral carbapenem: involvement of human OATP family in apical membrane transport. *Molecular Pharmaceutics*, **2010**, 7, 1747-56	5.6	54
79	Transport of ipratropium, an anti-chronic obstructive pulmonary disease drug, is mediated by organic cation/carnitine transporters in human bronchial epithelial cells: implications for carrier-mediated pulmonary absorption. *Molecular Pharmaceutics*, **2010**, 7, 187-95	5.6	77
78	Uptake transporter organic anion transporting polypeptide 1B3 contributes to the growth of estrogen-dependent breast cancer. *Journal of Steroid Biochemistry and Molecular Biology*, **2010**, 122, 180-5	5.1	28
77	Renal secretion of uric acid by organic anion transporter 2 (OAT2/SLC22A7) in human. *Biological and Pharmaceutical Bulletin*, **2010**, 33, 498-503	2.3	56
76	Intestinal absorption of HMG-CoA reductase inhibitor pravastatin mediated by organic anion transporting polypeptide. *Pharmaceutical Research*, **2010**, 27, 2141-9	4.5	65
75	Impact of system L amino acid transporter 1 (LAT1) on proliferation of human ovarian cancer cells: a possible target for combination therapy with anti-proliferative aminopeptidase inhibitors. *Biochemical Pharmacology*, **2010**, 80, 811-8	6	67
74	Oseltamivir (tamiflu) is a substrate of peptide transporter 1. *Drug Metabolism and Disposition*, **2009**, 37, 1676-81	4	44
73	Hepatic uptake of gamma-butyrobetaine, a precursor of carnitine biosynthesis, in rats. *American Journal of Physiology - Renal Physiology*, **2009**, 297, G681-6	5.1	18

72	Peptide derivation of poorly absorbable drug allows intestinal absorption via peptide transporter. *Journal of Pharmaceutical Sciences*, **2009**, 98, 1775-87	3.9	16
71	Transport characteristics of L-citrulline in renal apical membrane of proximal tubular cells. *Biopharmaceutics and Drug Disposition*, **2009**, 30, 126-37	1.7	17
70	Concentration-dependent effect of naringin on intestinal absorption of beta(1)-adrenoceptor antagonist talinolol mediated by p-glycoprotein and organic anion transporting polypeptide (Oatp). *Pharmaceutical Research*, **2009**, 26, 560-7	4.5	71
69	Angiotensin II Receptor Blockers Induce Alteration of Serum Uric Acid Level via Renal Uric Acid Transporters. A Review of the AuthorsPCurrent Research. *Gout and Nucleic Acid Metabolism*, **2009**, 33, 149-162		
68	Effect of plasma protein binding on in vitro-in vivo correlation of biliary excretion of drugs evaluated by sandwich-cultured rat hepatocytes. *Drug Metabolism and Disposition*, **2008**, 36, 1275-82	4	63
67	Involvement of multidrug resistance-associated protein 2 (Abcc2) in molecular weight-dependent biliary excretion of beta-lactam antibiotics. *Drug Metabolism and Disposition*, **2008**, 36, 1088-96	4	60
66	Functional characterization of ergothioneine transport by rat organic cation/carnitine transporter Octn1 (slc22a4). *Biological and Pharmaceutical Bulletin*, **2008**, 31, 1580-4	2.3	45
65	Effects of angiotensin II receptor blockers on renal handling of uric acid in rats. *Drug Metabolism and Pharmacokinetics*, **2008**, 23, 263-70	2.2	12
64	Identification and species similarity of OATP transporters responsible for hepatic uptake of beta-lactam antibiotics. *Drug Metabolism and Pharmacokinetics*, **2008**, 23, 347-55	2.2	52
63	Involvement of uric acid transporters in alteration of serum uric acid level by angiotensin II receptor blockers. *Pharmaceutical Research*, **2008**, 25, 639-46	4.5	68
62	Involvement of organic anion transporting polypeptide 1a5 (Oatp1a5) in the intestinal absorption of endothelin receptor antagonist in rats. *Pharmaceutical Research*, **2008**, 25, 1085-91	4.5	13
61	Identification of influx transporter for the quinolone antibacterial agent levofloxacin. *Molecular Pharmaceutics*, **2007**, 4, 85-94	5.6	89
60	Mechanism of the regulation of organic cation/carnitine transporter 1 (SLC22A4) by rheumatoid arthritis-associated transcriptional factor RUNX1 and inflammatory cytokines. *Drug Metabolism and Disposition*, **2007**, 35, 394-401	4	35
59	Concentration-dependent mode of interaction of angiotensin II receptor blockers with uric acid transporter. *Journal of Pharmacology and Experimental Therapeutics*, **2007**, 320, 211-7	4.7	82
58	Transport of carnitine and acetylcarnitine by carnitine/organic cation transporter (OCTN) 2 and OCTN3 into epididymal spermatozoa. *Reproduction*, **2007**, 134, 651-8	3.8	31
57	Involvement of rat and human organic anion transporter 3 in the renal tubular secretion of topotecan [(S)-9-dimethylaminomethyl-10-hydroxy-camptothecin hydrochloride]. *Journal of Pharmacology and Experimental Therapeutics*, **2007**, 322, 1246-52	4.7	29
56	Blood-brain barrier transport of pramipexole, a dopamine D2 agonist. *Life Sciences*, **2007**, 80, 1564-71	6.8	35
55	Transport of organic cations across the blood-testis barrier. *Molecular Pharmaceutics*, **2007**, 4, 600-7	5.6	20

54	Carnitine/xenobiotics transporters in the human mammary gland epithelia, MCF12A. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2006**, 290, R793-802	3.2	26
53	Predominant contribution of organic anion transporting polypeptide OATP-B (OATP2B1) to apical uptake of estrone-3-sulfate by human intestinal Caco-2 cells. *Drug Metabolism and Disposition*, **2006**, 34, 1423-31	4	146
52	Organic cation/carnitine transporter OCTN2 (Slc22a5) is responsible for carnitine transport across apical membranes of small intestinal epithelial cells in mouse. *Molecular Pharmacology*, **2006**, 70, 829-37	4.3	74
51	Transporter-mediated intestinal absorption of fexofenadine in rats. *Drug Metabolism and Pharmacokinetics*, **2006**, 21, 308-14	2.2	28
50	Characterization of human OATP2B1 (SLCO2B1) gene promoter regulation. *Pharmaceutical Research*, **2006**, 23, 513-20	4.5	17
49	Involvement of uric acid transporter in increased renal clearance of the xanthine oxidase inhibitor oxypurinol induced by a uricosuric agent, benzbromarone. *Drug Metabolism and Disposition*, **2005**, 33, 1791-5	4	69
48	Suppression of cell proliferation by inhibition of estrone-3-sulfate transporter in estrogen-dependent breast cancer cells. *Pharmaceutical Research*, **2005**, 22, 1634-41	4.5	53
47	Carnitine/organic cation transporter OCTN2-mediated transport of carnitine in primary-cultured epididymal epithelial cells. *Reproduction*, **2005**, 130, 931-7	3.8	13
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