

# Takeo Nakanishi

## List of Publications by Year in descending order

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157  
papers

7,133  
citations

36303

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163  
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163  
docs citations

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times ranked

7714  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Stem Cell Marker Bcrp/ABCG2 Enhances Hypoxic Cell Survival through Interactions with Heme. <i>Journal of Biological Chemistry</i> , 2004, 279, 24218-24225.	3.4	568
2	SGLT2 inhibitor lowers serum uric acid through alteration of uric acid transport activity in renal tubule by increased glycosuria. <i>Biopharmaceutics and Drug Disposition</i> , 2014, 35, 391-404.	1.9	288
3	Cloning of an Amino Acid Transporter with Functional Characteristics and Tissue Expression Pattern Identical to That of System A. <i>Journal of Biological Chemistry</i> , 2000, 275, 16473-16477.	3.4	241
4	Breast cancer resistance protein (BCRP/ABCG2): its role in multidrug resistance and regulation of its gene expression. <i>Chinese Journal of Cancer</i> , 2012, 31, 73-99.	4.9	238
5	Direct Evidence for Peptide Transporter (PepT1)-Mediated Uptake of a Nonpeptide Prodrug, Valacyclovir. <i>Biochemical and Biophysical Research Communications</i> , 1998, 250, 246-251.	2.1	207
6	Extra-Renal Elimination of Uric Acid via Intestinal Efflux Transporter BCRP/ABCG2. <i>PLoS ONE</i> , 2012, 7, e30456.	2.5	189
7	Rapid Report. <i>Journal of Physiology</i> , 2001, 532, 297-304.	2.9	174
8	The 44-kDa Pim-1 Kinase Phosphorylates BCRP/ABCG2 and Thereby Promotes Its Multimerization and Drug-resistant Activity in Human Prostate Cancer Cells. <i>Journal of Biological Chemistry</i> , 2008, 283, 3349-3356.	3.4	167
9	Complex interaction of BCRP/ABCG2 and imatinib in BCR-ABL <sup>+</sup> expressing cells: BCRP-mediated resistance to imatinib is attenuated by imatinib-induced reduction of BCRP expression. <i>Blood</i> , 2006, 108, 678-684.	1.4	142
10	Putative Transport Mechanism and Intracellular Fate of <i>Trans</i> -1-Amino-3- <sup>18</sup> F-Fluorocyclobutanecarboxylic Acid in Human Prostate Cancer. <i>Journal of Nuclear Medicine</i> , 2011, 52, 822-829.	5.0	130
11	Structure and function of ATA3, a new subtype of amino acid transport system A, primarily expressed in the liver and skeletal muscle. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2000, 1509, 7-13.	2.6	125
12	Species Difference in the Effect of Grapefruit Juice on Intestinal Absorption of Talinolol between Human and Rat. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 332, 181-189.	2.5	121
13	Structure, Function, and Tissue Expression Pattern of Human SN2, a Subtype of the Amino Acid Transport System N. <i>Biochemical and Biophysical Research Communications</i> , 2001, 281, 1343-1348.	2.1	112
14	Oxaliplatin Transport Mediated by Organic Cation/Carnitine Transporters OCTN1 and OCTN2 in Overexpressing Human Embryonic Kidney 293 Cells and Rat Dorsal Root Ganglion Neurons. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 338, 537-547.	2.5	112
15	Solute Carrier Transporters as Targets for Drug Delivery and Pharmacological Intervention for Chemotherapy. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 3731-3750.	3.3	108
16	Cloning and functional characterization of a new subtype of the amino acid transport system N. <i>American Journal of Physiology - Cell Physiology</i> , 2001, 281, C1757-C1768.	4.6	104
17	Genetic Polymorphisms of OATP Transporters and Their Impact on Intestinal Absorption and Hepatic Disposition of Drugs. <i>Drug Metabolism and Pharmacokinetics</i> , 2012, 27, 106-121.	2.2	102
18	Involvement of OCTN1 (SLC22A4) in pH-Dependent Transport of Organic Cations. <i>Molecular Pharmaceutics</i> , 2004, 1, 57-66.	4.6	99

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19	Primary Structure, Genomic Organization, and Functional and Electrogenic Characteristics of Human System N 1, a Na <sup>+</sup> - and H <sup>+</sup> -coupled Glutamine Transporter. <i>Journal of Biological Chemistry</i> , 2000, 275, 23707-23717.	3.4	94
20	Improvement of L-dopa absorption by dipeptidyl derivation, utilizing peptide transporter PepT1. <i>Journal of Pharmaceutical Sciences</i> , 1998, 87, 1542-1546.	3.3	93
21	Side-population cells in luminal-type breast cancer have tumour-initiating cell properties, and are regulated by HER2 expression and signalling. <i>British Journal of Cancer</i> , 2010, 102, 815-826.	6.4	91
22	Functional Characterization of Human Breast Cancer Resistance Protein (BCRP, ABCG2) Expressed in the Oocytes of <i>Xenopus laevis</i> . <i>Molecular Pharmacology</i> , 2003, 64, 1452-1462.	2.3	86
23	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. <i>Molecular Pharmaceutics</i> , 2010, 7, 187-195.	4.6	86
24	The Predominant Contribution of Oligopeptide Transporter PepT1 to Intestinal Absorption of $\beta$ -Lactam Antibiotics in the Rat Small Intestine. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 49, 796-801.	2.4	86
25	The ErbB3-binding protein Ebp1 suppresses androgen receptor-mediated gene transcription and tumorigenesis of prostate cancer cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 9890-9895.	7.1	85
26	Transport of d-Serine via the Amino Acid Transporter ATBO,+ Expressed in the Colon. <i>Biochemical and Biophysical Research Communications</i> , 2002, 291, 291-295.	2.1	84
27	Cancer cell-targeted drug delivery utilizing oligopeptide transport activity. <i>International Journal of Cancer</i> , 2000, 88, 274-280.	5.1	80
28	Apple-Derived Nanoparticles Modulate Expression of Organic-Anion-Transporting Polypeptide (OATP) 2B1 in Caco-2 Cells. <i>Molecular Pharmaceutics</i> , 2018, 15, 5772-5780.	4.6	80
29	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. <i>Biochemical Pharmacology</i> , 2010, 80, 811-818.	4.4	73
30	Novel 5' Untranslated Region Variants of BCRP mRNA Are Differentially Expressed in Drug-Selected Cancer Cells and in Normal Human Tissues: Implications for Drug Resistance, Tissue-Specific Expression, and Alternative Promoter Usage. <i>Cancer Research</i> , 2006, 66, 5007-5011.	0.9	70
31	Intestinal Absorption of HMG-CoA Reductase Inhibitor Pravastatin Mediated by Organic Anion Transporting Polypeptide. <i>Pharmaceutical Research</i> , 2010, 27, 2141-2149.	3.5	69
32	Renal Secretion of Uric Acid by Organic Anion Transporter 2 (OAT2/SLC22A7) in Human. <i>Biological and Pharmaceutical Bulletin</i> , 2010, 33, 498-503.	1.4	68
33	Total Syntheses of (âˆ’)- and (+)-Goniomitine. <i>Organic Letters</i> , 2011, 13, 1796-1799.	4.6	68
34	Interaction of Drug or Food with Drug Transporters in Intestine and Liver. <i>Current Drug Metabolism</i> , 2015, 16, 753-764.	1.2	68
35	Timed sequential therapy of acute leukemia with flavopiridol: in vitro model for a phase I clinical trial. <i>Clinical Cancer Research</i> , 2003, 9, 307-15.	7.0	68
36	Na <sup>+</sup> - and Cl <sup>-</sup> -coupled active transport of nitric oxide synthase inhibitors via amino acid transport system BO,+ . <i>Journal of Clinical Investigation</i> , 2001, 107, 1035-1043.	8.2	65

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37	Differential Effect of Grapefruit Juice on Intestinal Absorption of Statins Due to Inhibition of Organic Anion Transporting Polypeptide and/or P-glycoprotein. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 3843-3853.	3.3	64
38	Immunolocalization and pharmacological relevance of oligopeptide transporter PepT1 in intestinal absorption of $^{12}$ -lactam antibiotics. <i>FEBS Letters</i> , 1996, 392, 25-29.	2.8	63
39	Preclinical Studies of Vorinostat (Suberoylanilide Hydroxamic Acid) Combined with Cytosine Arabinoside and Etoposide for Treatment of Acute Leukemias. <i>Clinical Cancer Research</i> , 2009, 15, 1698-1707.	7.0	63
40	A novel xenobiotic responsive element regulated by aryl hydrocarbon receptor is involved in the induction of BCRP/ABCG2 in LS174T cells. <i>Biochemical Pharmacology</i> , 2010, 80, 1754-1761.	4.4	63
41	Functional Pleiotropy of Organic Anion Transporting Polypeptide OATP2B1 Due to Multiple Binding Sites. <i>Drug Metabolism and Pharmacokinetics</i> , 2012, 27, 360-364.	2.2	61
42	Breast cancer resistance protein (BCRP/MXR/ABCG2) in acute myeloid leukemia: discordance between expression and function. <i>Leukemia</i> , 2004, 18, 1252-1257.	7.2	60
43	Quantitative analysis of breast cancer resistance protein and cellular resistance to flavopiridol in acute leukemia patients. <i>Clinical Cancer Research</i> , 2003, 9, 3320-8.	7.0	59
44	Breast cancer resistance protein (BCRP/MXR/ABCG2) in adult acute lymphoblastic leukaemia: frequent expression and possible correlation with shorter disease-free survival. <i>British Journal of Haematology</i> , 2004, 127, 392-398.	2.5	57
45	Major Active Components in Grapefruit, Orange, and Apple Juices Responsible for OATP2B1-Mediated Drug Interactions. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 3418-3426.	3.3	57
46	Intestinal Absorption of HMG-CoA Reductase Inhibitor Pitavastatin Mediated by Organic Anion Transporting Polypeptide and P-Glycoprotein/Multidrug Resistance 1. <i>Drug Metabolism and Pharmacokinetics</i> , 2011, 26, 171-179.	2.2	56
47	OATP transporter-mediated drug absorption and interaction. <i>Current Opinion in Pharmacology</i> , 2013, 13, 859-863.	3.5	56
48	Major Active Components in Grapefruit, Orange, and Apple Juices Responsible for OATP2B1-Mediated Drug Interactions. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 280-288.	3.3	55
49	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. <i>Biochemical Pharmacology</i> , 2012, 84, 1070-1077.	4.4	54
50	Substrate- and Dose-Dependent Drug Interactions with Grapefruit Juice Caused by Multiple Binding Sites on OATP2B1. <i>Pharmaceutical Research</i> , 2014, 31, 2035-2043.	3.5	54
51	Involvement of Choline Transporter-Like Proteins, CTL1 and CTL2, in Glucocorticoid-Induced Acceleration of Phosphatidylcholine Synthesis via Increased Choline Uptake. <i>Biological and Pharmaceutical Bulletin</i> , 2010, 33, 691-696.	1.4	51
52	Kinetic analyses of trans-1-amino-3-[ $^{18}$ F]fluorocyclobutanecarboxylic acid transport in <i>Xenopus laevis</i> oocytes expressing human ASCT2 and SNAT2. <i>Nuclear Medicine and Biology</i> , 2013, 40, 670-675.	0.6	51
53	Long-Lasting Inhibitory Effect of Apple and Orange Juices, but Not Grapefruit Juice, on OATP2B1-Mediated Drug Absorption. <i>Drug Metabolism and Disposition</i> , 2013, 41, 615-621.	3.3	51
54	Functional cooperation of URAT1 (SLC22A12) and URATv1 (SLC2A9) in renal reabsorption of urate. <i>Nephrology Dialysis Transplantation</i> , 2013, 28, 603-611.	0.7	46

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55	[14C]Fluciclovine (alias anti-[14C]FACBC) uptake and ASCT2 expression in castration-resistant prostate cancer cells. <i>Nuclear Medicine and Biology</i> , 2015, 42, 887-892.	0.6	46
56	Effect of tyrosine kinase inhibitors on renal handling of creatinine by MATE1. <i>Scientific Reports</i> , 2018, 8, 9237.	3.3	46
57	Active intestinal absorption of fluoroquinolone antibacterial agent ciprofloxacin by organic anion transporting polypeptide, Oatp1a5. <i>Biopharmaceutics and Drug Disposition</i> , 2012, 33, 332-341.	1.9	44
58	Impact of Breast Cancer Resistance Protein on Cancer Treatment Outcomes. <i>Methods in Molecular Biology</i> , 2010, 596, 251-290.	0.9	40
59	Organic Anion Transporting Polypeptide (OATP)2B1 Contributes to Gastrointestinal Toxicity of Anticancer Drug SN-38, Active Metabolite of Irinotecan Hydrochloride. <i>Drug Metabolism and Disposition</i> , 2015, 44, 1-7.	3.3	38
60	Organic Cation Transporter-Mediated Renal Secretion of Ipratropium and Tiotropium in Rats and Humans. <i>Drug Metabolism and Disposition</i> , 2011, 39, 117-122.	3.3	37
61	Accumulation of Trans-1-Amino-3-[18F]Fluorocyclobutanecarboxylic Acid in Prostate Cancer due to Androgen-Induced Expression of Amino Acid Transporters. <i>Molecular Imaging and Biology</i> , 2014, 16, 756-764.	2.6	33
62	Prostaglandin Transporter (PGT/SLCO2A1) Protects the Lung from Bleomycin-Induced Fibrosis. <i>PLoS ONE</i> , 2015, 10, e0123895.	2.5	32
63	Prostaglandin Transporter OATP2A1/SLCO2A1 Is Essential for Body Temperature Regulation during Fever. <i>Journal of Neuroscience</i> , 2018, 38, 5584-5595.	3.6	32
64	Uptake transporter organic anion transporting polypeptide 1B3 contributes to the growth of estrogen-dependent breast cancer. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2010, 122, 180-185.	2.5	31
65	Quantitative Time-Lapse Imaging-Based Analysis of Drug-Drug Interaction Mediated by Hepatobiliary Transporter, Multidrug Resistance-Associated Protein 2, in Sandwich-Cultured Rat Hepatocytes. <i>Drug Metabolism and Disposition</i> , 2011, 39, 984-991.	3.3	31
66	Roles of Organic Anion Transporting Polypeptide 2A1 (OATP2A1/SLCO2A1) in Regulating the Pathophysiological Actions of Prostaglandins. <i>AAPS Journal</i> , 2018, 20, 13.	4.4	30
67	Alterations in the Mitochondrial Proteome of Adriamycin Resistant MCF-7 Breast Cancer Cells. <i>Journal of Proteome Research</i> , 2006, 5, 2389-2395.	3.7	28
68	OATP2A1/SLCO2A1-mediated prostaglandin E2 loading into intracellular acidic compartments of macrophages contributes to exocytotic secretion. <i>Biochemical Pharmacology</i> , 2015, 98, 629-638.	4.4	28
69	Identification and functional characterization of uric acid transporter Urat1 (Slc22a12) in rats. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2011, 1808, 1441-1447.	2.6	27
70	Cancer cells uptake porphyrins via heme carrier protein 1. <i>Journal of Porphyrins and Phthalocyanines</i> , 2013, 17, 36-43.	0.8	27
71	A novel role for OATP2A1/SLCO2A1 in a murine model of colon cancer. <i>Scientific Reports</i> , 2017, 7, 16567.	3.3	26
72	Mathematical Modeling of the <i>in Vitro</i> Hepatic Disposition of Mycophenolic Acid and Its Glucuronide in Sandwich-Cultured Human Hepatocytes. <i>Molecular Pharmaceutics</i> , 2014, 11, 568-579.	4.6	25

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73	Functional Cooperation of SMCTs and URAT1 for Renal Reabsorption Transport of Urate. <i>Drug Metabolism and Pharmacokinetics</i> , 2013, 28, 153-158.	2.2	24
74	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. <i>MedChemComm</i> , 2016, 7, 1775-1782.	3.4	24
75	Drug transporters as targets for cancer chemotherapy. <i>Cancer Genomics and Proteomics</i> , 2007, 4, 241-54.	2.0	24
76	Organic anion transporter OAT1 is involved in renal handling of citrulline. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 297, F71-F79.	2.7	23
77	Recent advances in studies of SLCO2A1 as a key regulator of the delivery of prostaglandins to their sites of action. , 2021, 223, 107803.		23
78	Organic anion transporting polypeptide 2B1 expression correlates with uptake of estrone-3-sulfate and cell proliferation in estrogen receptor-positive breast cancer cells. <i>Drug Metabolism and Pharmacokinetics</i> , 2015, 30, 133-141.	2.2	22
79	Current Progress Toward a Better Understanding of Drug Disposition Within the Lungs: Summary Proceedings of the First Workshop on Drug Transporters in the Lungs. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 2234-2244.	3.3	22
80	Hepatic uptake of $\beta$ -butyrobetaine, a precursor of carnitine biosynthesis, in rats. <i>American Journal of Physiology - Renal Physiology</i> , 2009, 297, G681-G686.	3.4	21
81	Transport characteristics of citrulline in renal apical membrane of proximal tubular cells. <i>Biopharmaceutics and Drug Disposition</i> , 2009, 30, 126-137.	1.9	21
82	A role of prostaglandin transporter in regulating PGE2 release from human bronchial epithelial BEAS-2B cells in response to LPS. <i>Journal of Endocrinology</i> , 2013, 217, 265-274.	2.6	21
83	Local Drug-Drug Interaction of Donepezil with Cilostazol at Breast Cancer Resistance Protein (ABCG2) Increases Drug Accumulation in Heart. <i>Drug Metabolism and Disposition</i> , 2015, 44, 68-74.	3.3	21
84	Carrier-Mediated Prodrug Uptake to Improve the Oral Bioavailability of Polar Drugs: An Application to an Oseltamivir Analogue. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 925-934.	3.3	21
85	Putative roles of organic anion transporting polypeptides (OATPs) in cell survival and progression of human cancers. <i>Biopharmaceutics and Drug Disposition</i> , 2014, 35, 463-484.	1.9	20
86	Prostaglandin transporter (OATP2A1/SLCO2A1) contributes to local disposition of eicosapentaenoic acid-derived PGE3. <i>Prostaglandins and Other Lipid Mediators</i> , 2016, 122, 10-17.	1.9	20
87	Transport mechanisms of hepatic uptake and bile excretion in clinical hepatobiliary scintigraphy with $^{99m}\text{Tc}$ -N-pyridoxyl-5-methyltryptophan. <i>Nuclear Medicine and Biology</i> , 2014, 41, 338-342.	0.6	18
88	Identification of MRP2 as a targetable factor limiting oxaliplatin accumulation and response in gastrointestinal cancer. <i>Scientific Reports</i> , 2019, 9, 2245.	3.3	18
89	Identification and characterization of the major alternative promoter regulating Bcrp1/Abcg2 expression in the mouse intestine. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2011, 1809, 295-305.	1.9	17
90	Drug Efflux by Breast Cancer Resistance Protein Is a Mechanism of Resistance to the Benzimidazole Insulin-Like Growth Factor Receptor/Insulin Receptor Inhibitor, BMS-536924. <i>Molecular Cancer Therapeutics</i> , 2011, 10, 117-125.	4.1	17



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91	In Vivo Evidence of Organic Cation Transporter-Mediated Tracheal Accumulation of the Anticholinergic Agent Ipratropium in Mice. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 3373-3381.	3.3	17
92	A new orally active antitumor 1 R,2 R -cyclohexanediamine-platinum(IV) complex: trans -( n) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707 T Pharmacology, 1999, 43, 97-105.	2.3	16
93	Plasma pharmacokinetics and tissue distribution of the breast cancer resistance protein (BCRP/ABCG2) inhibitor fumitremorgin C in SCID mice bearing T8 tumors. <i>Cancer Chemotherapy and Pharmacology</i> , 2005, 55, 101-109.	2.3	16
94	Effect of back pressure on emulsification of lipid nanodispersions in a high-pressure homogenizer. <i>International Journal of Pharmaceutics</i> , 2012, 422, 489-494.	5.2	16
95	Kinetic Evaluation of Determinant Factors for Cellular Accumulation of Protoporphyrin IX Induced by External 5-Aminolevulinic Acid for Photodynamic Cancer Therapy. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 3092-3100.	3.3	16
96	Impact of FDA-Approved Drugs on the Prostaglandin Transporter OATP2A1/SLCO2A1. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 2483-2490.	3.3	16
97	An orally active antitumor cyclohexanediamine-Pt(IV) complex. <i>Anti-Cancer Drugs</i> , 1996, 7, 248-256.	1.4	15
98	Application of quantitative time-lapse imaging (QTLI) for evaluation of Mrp2-based drug-drug interaction induced by liver metabolites. <i>Toxicology and Applied Pharmacology</i> , 2012, 263, 244-250.	2.8	15
99	Slco2a1 deficiency exacerbates experimental colitis via inflammasome activation in macrophages: a possible mechanism of chronic enteropathy associated with SLCO2A1 gene. <i>Scientific Reports</i> , 2020, 10, 4883.	3.3	15
100	Significance of water solubility in the gastrointestinal absorption of trans-bis(n-valerato)(1) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 T analogues. <i>Anti-Cancer Drugs</i> , 1998, 9, 167-174.	1.4	14
101	Functional Characterization of Apical Transporters Expressed in Rat Proximal Tubular Cells (PTCs) in Primary Culture. <i>Molecular Pharmaceutics</i> , 2011, 8, 2142-2150.	4.6	14
102	Saturable Hepatic Extraction of Gemcitabine Involves Biphasic Uptake Mediated by Nucleoside Transporters Equilibrative Nucleoside Transporter 1 and 2. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 3162-3169.	3.3	14
103	Functional cyclic AMP response element in the breast cancer resistance protein (BCRP/ABCG2) promoter modulates epidermal growth factor receptor pathway- or androgen withdrawal-mediated BCRP/ABCG2 transcription in human cancer cells. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2015, 1849, 317-327.	1.9	14
104	Role of OATP2A1 in PGE2 secretion from human colorectal cancer cells via exocytosis in response to oxidative stress. <i>Experimental Cell Research</i> , 2016, 341, 123-131.	2.6	14
105	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. <i>Drug Metabolism and Disposition</i> , 2015, 44, 16-27.	3.3	13
106	Contribution of equilibrative nucleoside transporter(s) to intestinal basolateral and apical transports of anticancer trifluridine. <i>Biopharmaceutics and Drug Disposition</i> , 2018, 39, 38-46.	1.9	13
107	Changes of drug pharmacokinetics mediated by downregulation of kidney organic cation transporters Mate1 and Oct2 in a rat model of hyperuricemia. <i>PLoS ONE</i> , 2019, 14, e0214862.	2.5	13
108	Involvement of Concentrative Nucleoside Transporter 1 in Intestinal Absorption of Trifluridine Using Human Small Intestinal Epithelial Cells. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 3146-3153.	3.3	12

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109	In-vitro evidence of enhanced breast cancer resistance protein-mediated intestinal urate secretion by uremic toxins in Caco-2 cells. <i>Journal of Pharmacy and Pharmacology</i> , 2015, 67, 170-177.	2.4	12
110	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. <i>Drug Metabolism and Pharmacokinetics</i> , 2015, 30, 142-148.	2.2	11
111	Usefulness of kidney slices for functional analysis of apical reabsorptive transporters. <i>Scientific Reports</i> , 2017, 7, 12814.	3.3	11
112	Contribution of equilibrative nucleoside transporters 1 and 2 to gemcitabine uptake in pancreatic cancer cells. <i>Biopharmaceutics and Drug Disposition</i> , 2018, 39, 256-264.	1.9	11
113	Rat Kidney Slices for Evaluation of Apical Membrane Transporters in Proximal Tubular Cells. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 2798-2804.	3.3	11
114	Different Efflux Transporter Affinity and Metabolism of <sup>99m</sup> Tc-2-Methoxyisobutylisonitrile and <sup>99m</sup> Tc-Tetrofosmin for Multidrug Resistance Monitoring in Cancer. <i>Pharmaceutical Research</i> , 2019, 36, 18.	3.5	11
115	Contribution of Prostaglandin Transporter OATP2A1/SLCO2A1 to Placenta-to-Maternal Hormone Signaling and Labor Induction. <i>IScience</i> , 2020, 23, 101098.	4.1	11
116	MicroRNAs in Apple-Derived Nanoparticles Modulate Intestinal Expression of Organic Anion-Transporting Peptide 2B1/SLCO2B1 in Caco-2 Cells. <i>Drug Metabolism and Disposition</i> , 2021, 49, 803-809.	3.3	10
117	Thapsigargin resistance in human prostate cancer cells. <i>Cancer</i> , 2006, 107, 649-659.	4.1	9
118	Methods to Evaluate Transporter Activity in Cancer. <i>Methods in Molecular Biology</i> , 2010, 637, 105-120.	0.9	9
119	More Relevant Prediction for In Vivo Drug Interaction of Candesartan Cilexetil on Hepatic Bile Acid Transporter BSEP Using Sandwich-cultured Hepatocytes. <i>Drug Metabolism and Pharmacokinetics</i> , 2014, 29, 94-96.	2.2	9
120	Effect of endogenous multidrug resistance 1 and P-glycoprotein expression on anticancer drug resistance in colon cancer cell lines. <i>Biopharmaceutics and Drug Disposition</i> , 2018, 40, 32-43.	1.9	9
121	Post-transcriptional regulation of OATP2B1 transporter by a microRNA, miR-24. <i>Drug Metabolism and Pharmacokinetics</i> , 2020, 35, 515-521.	2.2	9
122	Different Involvement of OAT in Renal Disposition of Oral Anticoagulants Rivaroxaban, Dabigatran, and Apixaban. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 2524-2534.	3.3	8
123	Experimental Evidence for Resecretion of PGE <sub>2</sub> across Rat Alveolar Epithelium by OATP2A1/SLCO2A1-Mediated Transcellular Transport. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2019, 368, 317-325.	2.5	7
124	Carnitine Precursor <sup>13</sup> C-Butyrobetaine is a Novel Substrate of the Na <sup>+</sup> - and Cl <sup>-</sup> -dependent GABA Transporter Gat2. <i>Drug Metabolism and Pharmacokinetics</i> , 2011, 26, 632-636.	2.2	6
125	Impact of Breast Cancer Resistance Protein Expression on the In Vitro Efficacy of Anticancer Drugs in Pancreatic Cancer Cell Lines. <i>Drug Metabolism and Disposition</i> , 2018, 46, 214-222.	3.3	6
126	Uric acid analogue as a possible xenobiotic marker of uric acid transporter Urat1 in rats. <i>Drug Metabolism and Pharmacokinetics</i> , 2019, 34, 155-158.	2.2	6



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127	[131I]MIBG exports via MRP transporters and inhibition of the MRP transporters improves accumulation of [131I]MIBG in neuroblastoma. Nuclear Medicine and Biology, 2020, 90-91, 49-54.	0.6	6
128	The regulatory mechanism involved in the prostaglandin E2 disposition in carbon tetrachloride-induced liver injury. Prostaglandins Leukotrienes and Essential Fatty Acids, 2020, 155, 102081.	2.2	6
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