

Tomohiro Nishimura

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Transport of Pregabalin Via L-Type Amino Acid Transporter 1 (SLC7A5) in Human Brain Capillary Endothelial Cell Line. <i>Pharmaceutical Research</i> , 2018, 35, 246.	3.5	43
2	LAT1-Targeting Thermoresponsive Fluorescent Polymer Probes for Cancer Cell Imaging. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1646.	4.1	32
3	LAT1-Targeting Thermoresponsive Liposomes for Effective Cellular Uptake by Cancer Cells. <i>ACS Omega</i> , 2019, 4, 6443-6451.	3.5	31
4	Organic Anion Transporter 4-Mediated Transport of Olmesartan at Basal Plasma Membrane of Human Placental Barrier. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 3128-3135.	3.3	24
5	Role of OAT4 in Uptake of Estriol Precursor 16 β -Hydroxydehydroepiandrosterone Sulfate Into Human Placental Syncytiotrophoblasts From Fetus. <i>Endocrinology</i> , 2015, 156, 2704-2712.	2.8	23
6	Mechanism of Nucleoside Uptake in Rat Placenta and Induction of Placental CNT2 in Experimental Diabetes. <i>Drug Metabolism and Pharmacokinetics</i> , 2012, 27, 439-446.	2.2	20
7	System A amino acid transporter SNAT2 shows subtype-specific affinity for betaine and hyperosmotic inducibility in placental trophoblasts. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2014, 1838, 1306-1312.	2.6	18
8	Fetal Growth Retardation and Lack of Hypotaurine in Ezrin Knockout Mice. <i>PLoS ONE</i> , 2014, 9, e105423.	2.5	15
9	Contributions of system A subtypes to β -methylaminoisobutyric acid uptake by placental microvillous membranes of human and rat. <i>Amino Acids</i> , 2017, 49, 795-803.	2.7	12
10	Cellular Uptake of Levocetirizine by Organic Anion Transporter 4. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 2895-2898.	3.3	12
11	Hypotaurine Is a Substrate of GABA Transporter Family Members GAT2/Slc6a13 and TAUT/Slc6a6. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 1523-1529.	1.4	12
12	Quantification of ENT1 and ENT2 Proteins at the Placental Barrier and Contribution of These Transporters to Ribavirin Uptake. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 3917-3922.	3.3	12
13	Layer II of placental syncytiotrophoblasts expresses MDR1 and BCRP at the apical membrane in rodents. <i>Reproductive Toxicology</i> , 2016, 65, 375-381.	2.9	11
14	Contribution of Prostaglandin Transporter OATP2A1/SLCO2A1 to Placenta-to-Maternal Hormone Signaling and Labor Induction. <i>IScience</i> , 2020, 23, 101098.	4.1	11
15	Development of a Pharmacokinetic Model of Transplacental Transfer of Metformin to Predict In Vivo Fetal Exposure. <i>Drug Metabolism and Disposition</i> , 2020, 48, 1293-1302.	3.3	10
16	Contribution of equilibrative nucleoside transporter (ENT) 2 to fluorouracil transport in rat placental trophoblast cells. <i>Drug Metabolism and Pharmacokinetics</i> , 2017, 32, 151-156.	2.2	7
17	Enhancement of Zidovudine Transfer to Molt-4 Cells, a Human T-Cell Model, by Dehydroepiandrosterone Sulfate. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 3959-3967.	3.3	5
18	Limited Impact of Murine Placental MDR1 on Fetal Exposure of Certain Drugs Explained by Bypass Transfer Between Adjacent Syncytiotrophoblast Layers. <i>Pharmaceutical Research</i> , 2022, 39, 1645-1658.	3.5	5

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19	Co-localization of microsomal prostaglandin E synthase-1 with cyclooxygenase-1 in layer II of murine placental syncytiotrophoblasts. <i>Placenta</i> , 2017, 53, 76-82.	1.5	4
20	Fluorouracil uptake in triple-negative breast cancer cells: Negligible contribution of equilibrative nucleoside transporters 1 and 2. <i>Biopharmaceutics and Drug Disposition</i> , 2021, 42, 85-93.	1.9	3
21	Effectiveness of Repeated Administration of Energy Drinks Based on Cognitively Subjective and Objective Indicators-A double-blind, randomized clinical trial on healthy young adults-. <i>Iryo Yakugaku (Japanese Journal of Pharmaceutical Health Care and Sciences)</i> , 2010, 36, 847-854.	0.1	2
22	Substrate recognition of renally eliminated angiotensin II receptor blockers by organic anion transporter 4. <i>Drug Metabolism and Pharmacokinetics</i> , 2021, 36, 100363.	2.2	2
23	MicroRNA-126 suppresses the invasion of trophoblast-model JEG-3 cells by targeting LIN28A. <i>Biochemical and Biophysical Research Communications</i> , 2021, 545, 132-137.	2.1	2
24	Transplacental Pharmacokinetic Model of Digoxin Based on Ex Vivo Human Placental Perfusion Study. <i>Drug Metabolism and Disposition</i> , 2022, 50, 287-298.	3.3	2
25	Preface. <i>Drug Metabolism and Pharmacokinetics</i> , 2020, 35, 1.	2.2	0
26	Influence of Counseling Intervention on the Effectiveness of a Revitalizing Medicinal Product in Healthy Volunteers, Using a Brain Monitoring System. <i>Iryo Yakugaku (Japanese Journal of)</i> Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 457 Td		
27	Committee for Academic Affairs JSSHP Research Award 2019 Basic Research Screening of an Angiotensin II Receptor Blocker with Low Adverse Fetal Effect using Adverse Event Reporting System and Mechanism of the Low Placental Transfer. <i>Hypertension Research in Pregnancy</i> , 2020, 8, 3-3.	0.2	0