

# Sumio Ohtsuki

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9400149/publications.pdf>

Version: 2024-02-01

215  
papers

13,012  
citations

17440

63  
h-index

28297

105  
g-index

227  
all docs

227  
docs citations

227  
times ranked

12220  
citing authors

#	ARTICLE	IF	CITATIONS
1	Acetylation of the influenza A virus polymerase subunit PA in the N-terminal domain positively regulates its endonuclease activity. <i>FEBS Journal</i> , 2022, 289, 231-245.	4.7	9
2	Effect of Insulin Receptor-Knockdown on the Expression Levels of Blood-Brain Barrier Functional Proteins in Human Brain Microvascular Endothelial Cells. <i>Pharmaceutical Research</i> , 2022, 39, 1561-1574.	3.5	9
3	Knockdown of Podocalyxin Post-Transcriptionally Induces the Expression and Activity of ABCB1/MDR1 in Human Brain Microvascular Endothelial Cells. <i>Journal of Pharmaceutical Sciences</i> , 2022, , .	3.3	0
4	Targeted proteomics for cancer biomarker verification and validation. <i>Cancer Biomarkers</i> , 2022, 33, 427-436.	1.7	2
5	Diurnal Changes in Protein Expression at the Blood-Brain Barrier in Mice. <i>Biological and Pharmaceutical Bulletin</i> , 2022, 45, 751-756.	1.4	3
6	Water Droplet-in-Oil Digestion Method for Single-Cell Proteomics. <i>Analytical Chemistry</i> , 2022, 94, 10329-10336.	6.5	6
7	Nicotine promotes angiogenesis in mouse brain after intracerebral hemorrhage. <i>Neuroscience Research</i> , 2021, 170, 284-294.	1.9	5
8	Efficient isolation of brain capillary from a single frozen mouse brain for protein expression analysis. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 1026-1038.	4.3	14
9	Quantitative and targeted proteomics-based identification and validation of drug efficacy biomarkers. <i>Drug Metabolism and Pharmacokinetics</i> , 2021, 36, 100361.	2.2	18
10	Transient, Tunable Expression of NTCP and BSEP in MDCKII Cells for Kinetic Delineation of the Rate-Determining Process and Inhibitory Effects of Rifampicin in Hepatobiliary Transport of Taurocholate. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 365-375.	3.3	7
11	SHOC2 Is a Critical Modulator of Sensitivity to EGFR-TKIs in Non-Small Cell Lung Cancer Cells. <i>Molecular Cancer Research</i> , 2021, 19, 317-328.	3.4	12
12	Oral Coadministration of Zn-Insulin with <sc>d</sc>-Form Small Intestine-Permeable Cyclic Peptide Enhances Its Blood Glucose-Lowering Effect in Mice. <i>Molecular Pharmaceutics</i> , 2021, 18, 1593-1603.	4.6	11
13	Metformin ameliorates the severity of experimental Alport syndrome. <i>Scientific Reports</i> , 2021, 11, 7053.	3.3	18
14	Lysine Demethylase 5A Is Required for MYC-Driven Transcription in Multiple Myeloma. <i>Blood Cancer Discovery</i> , 2021, 2, 370-387.	5.0	19
15	In-vitro acetylation of SARS-CoV and SARS-CoV-2 nucleocapsid proteins by human PCAF and GCN5. <i>Biochemical and Biophysical Research Communications</i> , 2021, 557, 273-279.	2.1	15
16	Advances in sample preparation for membrane proteome quantification. <i>Drug Discovery Today: Technologies</i> , 2021, 39, 23-29.	4.0	5
17	Proteomics Analysis of Lymphatic Metastasis-Related Proteins Using Highly Metastatic Human Melanoma Cells Originated by Sequential &in Vivo& Implantation. <i>Biological and Pharmaceutical Bulletin</i> , 2021, 44, 1551-1556.	1.4	0
18	Oxidative stress-induced activation of Abl and Src kinases rapidly induces P-glycoprotein internalization via phosphorylation of caveolin-1 on tyrosine-14, decreasing cortisol efflux at the blood-brain barrier. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2020, 40, 420-436.	4.3	31

#	ARTICLE	IF	CITATIONS
19	Mass Spectrometry-Compatible Subcellular Fractionation for Proteomics. <i>Journal of Proteome Research</i> , 2020, 19, 75-84.	3.7	20
20	Targeted Proteomics-Based Quantitative Protein Atlas of Pannexin and Connexin Subtypes in Mouse and Human Tissues and Cancer Cell Lines. <i>Journal of Pharmaceutical Sciences</i> , 2020, 109, 1161-1168.	3.3	5
21	Lactose-appended $\beta$ -cyclodextrin as an effective nanocarrier for brain delivery. <i>Journal of Controlled Release</i> , 2020, 328, 722-735.	9.9	17
22	The Multipotential of Leucine-Rich $\beta$ 2 Glycoprotein 1 as a Clinicopathological Biomarker of Glioblastoma. <i>Journal of Neuropathology and Experimental Neurology</i> , 2020, 79, 873-879.	1.7	9
23	Evaluation of cytochrome P450-based drug metabolism in hemorrhagic shock rats that were transfused with native and an artificial red blood cell preparation, Hemoglobin-vesicles. <i>Drug Metabolism and Pharmacokinetics</i> , 2020, 35, 417-424.	2.2	2
24	Proteomic Evaluation of Plasma Membrane Fraction Prepared from a Mouse Liver and Kidney Using a Bead Homogenizer: Enrichment of Drug-Related Transporter Proteins. <i>Molecular Pharmaceutics</i> , 2020, 17, 4101-4113.	4.6	5
25	Gelsolin inhibits malignant phenotype of glioblastoma and is regulated by miR-654-5p and miR-450b-5p. <i>Cancer Science</i> , 2020, 111, 2413-2422.	3.9	20
26	Cyclocreatine Transport by SLC6A8, the Creatine Transporter, in HEK293 Cells, a Human Blood-Brain Barrier Model Cell, and CCDS Patient-Derived Fibroblasts. <i>Pharmaceutical Research</i> , 2020, 37, 61.	3.5	7
27	Novel cyclic peptides facilitating transcellular blood-brain barrier transport of macromolecules in vitro and in vivo. <i>Journal of Controlled Release</i> , 2020, 321, 744-755.	9.9	30
28	Identification of Cell-Surface Proteins Endocytosed by Human Brain Microvascular Endothelial Cells In Vitro. <i>Pharmaceutics</i> , 2020, 12, 579.	4.5	12
29	Laminin Subunit Alpha-4 and Osteopontin Are Glioblastoma-Selective Secreted Proteins That Are Increased in the Cerebrospinal Fluid of Glioblastoma Patients. <i>Journal of Proteome Research</i> , 2020, 19, 3542-3553.	3.7	8
30	Assessing cytochrome P450-based drug-drug interactions with hemoglobin-vesicles, an artificial red blood cell preparation, in healthy rats. <i>Drug Metabolism and Pharmacokinetics</i> , 2020, 35, 425-431.	2.2	4
31	Convenient method of producing cyclic single-chain Fv antibodies by split-intein-mediated protein ligation and chaperone co-expression. <i>Journal of Biochemistry</i> , 2020, 168, 257-263.	1.7	3
32	Matrix mechanotransduction mediated by thrombospondin-1/integrin/YAP in the vascular remodeling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 9896-9905.	7.1	90
33	Effects of differences in pre-analytical processing on blood protein profiles determined with SWATH-MS. <i>Journal of Proteomics</i> , 2020, 223, 103824.	2.4	5
34	Abstract 3081: SHOC2 is a critical modulator of the sensitivity to EGFR-TKI in non-small cell lung cancer cells. , 2020, , .		1
35	Involvement of Claudin-11 in Disruption of Blood-Brain, -Spinal Cord, and -Arachnoid Barriers in Multiple Sclerosis. <i>Molecular Neurobiology</i> , 2019, 56, 2039-2056.	4.0	66
36	Changes of Blood-Brain Barrier and Brain Parenchymal Protein Expression Levels of Mice under Different Insulin-Resistance Conditions Induced by High-Fat Diet. <i>Pharmaceutical Research</i> , 2019, 36, 141.	3.5	29

#	ARTICLE	IF	CITATIONS
37	Development of a lipoplex-type mRNA carrier composed of an ionizable lipid with a vitamin E scaffold and the KALA peptide for use as an ex vivo dendritic cell-based cancer vaccine. <i>Journal of Controlled Release</i> , 2019, 310, 36-46.	9.9	61
38	Cyclization of Single-Chain Fv Antibodies Markedly Suppressed Their Characteristic Aggregation Mediated by Inter-Chain VH-VL Interactions. <i>Molecules</i> , 2019, 24, 2620.	3.8	20
39	Leucine-Rich Alpha-2-Glycoprotein 1 in Serum Is a Possible Biomarker to Predict Response to Preoperative Chemoradiotherapy for Esophageal Cancer. <i>Biological and Pharmaceutical Bulletin</i> , 2019, 42, 1766-1771.	1.4	13
40	Proteomic analysis of small intestinal epithelial cells in antibiotic-treated mice: Changes in drug transporters and metabolizing enzymes. <i>Drug Metabolism and Pharmacokinetics</i> , 2019, 34, 159-162.	2.2	8
41	Tandem Mass Spectrometry Imaging Reveals Distinct Accumulation Patterns of Steroid Structural Isomers in Human Adrenal Glands. <i>Analytical Chemistry</i> , 2019, 91, 8918-8925.	6.5	48
42	Elucidation of Permeation Molecular Mechanism of New Small Intestine Permeable Peptides. <i>Impact</i> , 2019, 2019, 73-75.	0.1	0
43	Large-Scale Quantitative Comparison of Plasma Transmembrane Proteins between Two Human Bloodâ€‘Brain Barrier Model Cell Lines, hCMEC/D3 and HBMEC/ci12. <i>Molecular Pharmaceutics</i> , 2019, 16, 2162-2171.	4.6	18
44	CBMT-18. THE ROLE OF BIOMARKER CANDIDATE GELSOLIN AND ITS MICRORNAS IN GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2019, 21, vi36-vi37.	1.2	0
45	Urate Transport <i>via</i> Paracellular Route across Epithelial Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2019, 42, 43-49.	1.4	1
46	Knockdown of Orphan Transporter SLC22A18 Impairs Lipid Metabolism and Increases Invasiveness of HepG2 Cells. <i>Pharmaceutical Research</i> , 2019, 36, 39.	3.5	9
47	Identification of a Specific Translational Machinery via TCTPâ€‘EF1A2 Interaction Regulating NF1-associated Tumor Growth by Affinity Purification and Data-independent Mass Spectrometry Acquisition (AP-DIA)*. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 245-262.	3.8	13
48	Comparison of venous and fingertip plasma using non-targeted proteomics and metabolomics. <i>Talanta</i> , 2019, 192, 182-188.	5.5	8
49	Molecular characterization of urate transport via paracellular route.. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2019, 92, 1-P-111.	0.0	0
50	Effect of changes in intestinal flora induced by short-term antibiotics administration on the pharmacokinetics of drugs, and glucose and lipid metabolism. <i>Drug Metabolism and Pharmacokinetics</i> , 2018, 33, S56.	2.2	1
51	Gene therapy for <i>Glut1</i> deficient mouse using an adeno-associated virus vector with the human intrinsic GLUT1 promoter. <i>Journal of Gene Medicine</i> , 2018, 20, e3013.	2.8	15
52	Reduction in hepatic secondary bile acids caused by short-term antibiotic-induced dysbiosis decreases mouse serum glucose and triglyceride levels. <i>Scientific Reports</i> , 2018, 8, 1253.	3.3	73
53	ATP-Binding Cassette Transporter A Subfamily 8 Is a Sinusoidal Efflux Transporter for Cholesterol and Taurocholate in Mouse and Human Liver. <i>Molecular Pharmaceutics</i> , 2018, 15, 343-355.	4.6	23
54	High Expression of UGT1A1/1A6 in Monkey Small Intestine: Comparison of Protein Expression Levels of Cytochromes P450, UDP-Glucuronosyltransferases, and Transporters in Small Intestine of Cynomolgus Monkey and Human. <i>Molecular Pharmaceutics</i> , 2018, 15, 127-140.	4.6	32

#	ARTICLE	IF	CITATIONS
55	Involvement of an Orphan Transporter, SLC22A18, in Cell Growth and Drug Resistance of Human Breast Cancer MCF7 Cells. <i>Journal of Pharmaceutical Sciences</i> , 2018, 107, 3163-3170.	3.3	12
56	Influenza virus replication raises the temperature of cells. <i>Virus Research</i> , 2018, 257, 94-101.	2.2	10
57	SIRT7 has a critical role in bone formation by regulating lysine acylation of SP7/Osterix. <i>Nature Communications</i> , 2018, 9, 2833.	12.8	65
58	Characterization of P-Glycoprotein Humanized Mice Generated by Chromosome Engineering Technology: Its Utility for Prediction of Drug Distribution to the Brain in Humans. <i>Drug Metabolism and Disposition</i> , 2018, 46, 1756-1766.	3.3	21
59	Identification of blood biomarkers in glioblastoma by SWATH mass spectrometry and quantitative targeted absolute proteomics. <i>PLoS ONE</i> , 2018, 13, e0193799.	2.5	87
60	Gene therapy for a mouse model of glucose transporter-1 deficiency syndrome. <i>Molecular Genetics and Metabolism Reports</i> , 2017, 10, 67-74.	1.1	12
61	Actin filament-associated protein 1 (AFAP1) is a key mediator in inflammatory signaling-induced rapid attenuation of intrinsic gap function in human brain capillary endothelial cells. <i>Journal of Neurochemistry</i> , 2017, 141, 247-262.	3.9	20
62	Downregulation of GNA13-ERK network in prefrontal cortex of schizophrenia brain identified by combined focused and targeted quantitative proteomics. <i>Journal of Proteomics</i> , 2017, 158, 31-42.	2.4	40
63	All-trans retinoic acid enhances gemcitabine cytotoxicity in human pancreatic cancer cell line AsPC-1 by up-regulating protein expression of deoxycytidine kinase. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 103, 116-121.	4.0	13
64	Application of Quantitative Targeted Absolute Proteomics to Profile Protein Expression Changes of Hepatic Transporters and Metabolizing Enzymes During Cholic Acid-Promoted Liver Regeneration. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 2499-2508.	3.3	7
65	Regulation of Tight-Junction Integrity by Insulin in an In Vitro Model of Human Blood-Brain Barrier. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 2599-2605.	3.3	31
66	Scrambled Internal Standard Method for High-Throughput Protein Quantification by Matrix-Assisted Laser Desorption Ionization Tandem Mass Spectrometry. <i>Journal of Proteome Research</i> , 2017, 16, 1556-1565.	3.7	5
67	The blood-brain barrier fatty acid transport protein 1 (FATP1/SLC27A1) supplies docosahexaenoic acid to the brain, and insulin facilitates transport. <i>Journal of Neurochemistry</i> , 2017, 141, 400-412.	3.9	45
68	A simplified and sensitive method to identify Alzheimer's disease biomarker candidates using patient-derived induced pluripotent stem cells (iPSCs). <i>Journal of Biochemistry</i> , 2017, 162, 391-394.	1.7	15
69	Combining Genomics To Identify the Pathways of Post-Transcriptional Nongenotoxic Signaling and Energy Homeostasis in Livers of Rats Treated with the Pregnane X Receptor Agonist, Pregnenolone Carbonitrile. <i>Journal of Proteome Research</i> , 2017, 16, 3634-3645.	3.7	4
70	Multi-laboratory assessment of reproducibility, qualitative and quantitative performance of SWATH-mass spectrometry. <i>Nature Communications</i> , 2017, 8, 291.	12.8	423
71	Identification of cyclic peptides for facilitation of transcellular transport of phages across intestinal epithelium in vitro and in vivo. <i>Journal of Controlled Release</i> , 2017, 262, 232-238.	9.9	22
72	Abnormal N-Glycosylation of a Novel Missense Creatine Transporter Mutant, G561R, Associated with Cerebral Creatine Deficiency Syndromes Alters Transporter Activity and Localization. <i>Biological and Pharmaceutical Bulletin</i> , 2017, 40, 49-55.	1.4	11

#	ARTICLE	IF	CITATIONS
73	Large-scale multiplex absolute protein quantification of drug-metabolizing enzymes and transporters in human intestine, liver, and kidney microsomes by SWATH-MS: Comparison with MRM/SRM and HR-MRM/PRM. <i>Proteomics</i> , 2016, 16, 2106-2117.	2.2	109
74	Quantitative Targeted Absolute Proteomics for 28 Transporters in Brush-Border and Basolateral Membrane Fractions of Rat Kidney. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 1011-1016.	3.3	19
75	Front cover: Large-scale multiplex absolute protein quantification of drug-metabolizing enzymes and transporters in human intestine, liver, and kidney microsomes by SWATH-MS: Comparison with MRM/SRM and HR-MRM/PRM. <i>Proteomics</i> , 2016, 16, NA-NA.	2.2	0
76	Effect of Intestinal Flora on Protein Expression of Drug-Metabolizing Enzymes and Transporters in the Liver and Kidney of Germ-Free and Antibiotics-Treated Mice. <i>Molecular Pharmaceutics</i> , 2016, 13, 2691-2701.	4.6	80
77	Quantitative Targeted Absolute Proteomics of Transporters and Pharmacoproteomics-Based Reconstruction of P-Glycoprotein Function in Mouse Small Intestine. <i>Molecular Pharmaceutics</i> , 2016, 13, 2443-2456.	4.6	17
78	Identification of IGFBP2 and IGFBP3 As Compensatory Biomarkers for CA19-9 in Early-Stage Pancreatic Cancer Using a Combination of Antibody-Based and LC-MS/MS-Based Proteomics. <i>PLoS ONE</i> , 2016, 11, e0161009.	2.5	76
79	Quantitative Determination of Luminal and Abluminal Membrane Distributions of Transporters in Porcine Brain Capillaries by Plasma Membrane Fractionation and Quantitative Targeted Proteomics. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 3060-3068.	3.3	69
80	Major involvement of Na <sup>+</sup> -dependent multivitamin transporter (SLC5A6/SMVT) in uptake of biotin and pantothenic acid by human brain capillary endothelial cells. <i>Journal of Neurochemistry</i> , 2015, 134, 97-112.	3.9	81
81	Contribution of Pannexin 1 and Connexin 43 Hemichannels to Extracellular Calcium-Dependent Transport Dynamics in Human Blood-Brain Barrier Endothelial Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015, 353, 192-200.	2.5	39
82	Design and synthesis of a novel pre-column derivatization reagent with a 6-methoxy-4-quinolone moiety for fluorescence and tandem mass spectrometric detection and its application to chiral amino acid analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 116, 71-79.	2.8	11
83	Quantitative Targeted Proteomics of Pancreatic Cancer: Deoxycytidine Kinase Protein Level Correlates to Progression-Free Survival of Patients Receiving Gemcitabine Treatment. <i>Molecular Pharmaceutics</i> , 2015, 12, 3282-3291.	4.6	38
84	Quantitative targeted absolute proteomics for 28 human transporters in plasma membrane of Caco-2 cell monolayer cultured for 2, 3, and 4 weeks. <i>Drug Metabolism and Pharmacokinetics</i> , 2015, 30, 205-208.	2.2	38
85	Blood-Brain Barrier Pharmacoproteomics-Based Reconstruction of the In Vivo Brain Distribution of P-Glycoprotein Substrates in Cynomolgus Monkeys. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2014, 350, 578-588.	2.5	52
86	CS-25 * MOLECULAR SUBCLASSIFICATION OF GLIOBLASTOMA BASED ON THE ABSOLUTE QUANTITATIVE PROTEOMICS. <i>Neuro-Oncology</i> , 2014, 16, v56-v56.	1.2	0
87	Pharmacoproteomics-Based Reconstruction of In Vivo P-Glycoprotein Function at Blood-Brain Barrier and Brain Distribution of Substrate Verapamil in Pentylenetetrazole-Kindled Epilepsy, Spontaneous Epilepsy, and Phenytoin Treatment Models. <i>Drug Metabolism and Disposition</i> , 2014, 42, 1719-1726.	3.3	29
88	Quantitative targeted proteomics for understanding the blood-brain barrier: towards pharmacoproteomics. <i>Expert Review of Proteomics</i> , 2014, 11, 303-313.	3.0	38
89	Validation of uPA/SCID Mouse with Humanized Liver as a Human Liver Model: Protein Quantification of Transporters, Cytochromes P450, and UDP-Glucuronosyltransferases by LC-MS/MS. <i>Drug Metabolism and Disposition</i> , 2014, 42, 1039-1043.	3.3	37
90	Recent Progress in Blood-Brain Barrier and Blood-CSF Barrier Transport Research: Pharmaceutical Relevance for Drug Delivery to the Brain. <i>AAPS Advances in the Pharmaceutical Sciences Series</i> , 2014, , 23-62.	0.6	11

#	ARTICLE	IF	CITATIONS
91	Blood-Brain Barrier (BBB) Pharmacoproteomics: A New Research Field Opened Up by Quantitative Targeted Absolute Proteomics (QTAP). <i>AAPS Advances in the Pharmaceutical Sciences Series</i> , 2014, , 63-100.	0.6	2
92	A study protocol for quantitative targeted absolute proteomics (QTAP) by LC-MS/MS: application for inter-strain differences in protein expression levels of transporters, receptors, claudin-5, and marker proteins at the blood-brain barrier in ddY, FVB, and C57BL/6J mice. <i>Fluids and Barriers of the CNS</i> , 2013, 10, 21.	5.0	185
93	Contributions of Degradation and Brain-to-blood Elimination Across the Blood-Brain Barrier to Cerebral Clearance of Human Amyloid- $\beta$ Peptide(1-40) in Mouse Brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2013, 33, 1770-1777.	4.3	16
94	Identification of Transporters Associated with Etoposide Sensitivity of Stomach Cancer Cell Lines and Methotrexate Sensitivity of Breast Cancer Cell Lines by Quantitative Targeted Absolute Proteomics. <i>Molecular Pharmacology</i> , 2013, 83, 490-500.	2.3	23
95	Quantitative expression of human drug transporter proteins in lung tissues: Analysis of regional, gender, and interindividual differences by liquid chromatography-tandem mass spectrometry. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 3395-3406.	3.3	72
96	Quantitative Targeted Absolute Proteomic Analysis of Transporters, Receptors and Junction Proteins for Validation of Human Cerebral Microvascular Endothelial Cell Line hCMEC/D3 as a Human Blood-Brain Barrier Model. <i>Molecular Pharmaceutics</i> , 2013, 10, 289-296.	4.6	190
97	Quantitative Targeted Absolute Proteomics-Based Large-Scale Quantification of Proline-Hydroxylated $\beta$ -Fibrinogen in Plasma for Pancreatic Cancer Diagnosis. <i>Journal of Proteome Research</i> , 2013, 12, 753-762.	3.7	31
98	Quantitative Atlas of Blood-Brain Barrier Transporters, Receptors, and Tight Junction Proteins in Rats and Common Marmoset. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 3343-3355.	3.3	198
99	Establishment and characterization of spinal cord microvascular endothelial cell lines. <i>Clinical and Experimental Neuroimmunology</i> , 2013, 4, 326-338.	1.0	20
100	Trans-chromosomal mice containing a human CYP3A cluster for prediction of xenobiotic metabolism in humans. <i>Human Molecular Genetics</i> , 2013, 22, 578-592.	2.9	68
101	Involvement of Insulin-Degrading Enzyme in Insulin- and Atrial Natriuretic Peptide-Sensitive Internalization of Amyloid- $\beta$ Peptide in Mouse Brain Capillary Endothelial Cells. <i>Journal of Alzheimer's Disease</i> , 2013, 38, 185-200.	2.6	29
102	Simultaneous Absolute Protein Quantification of Transporters, Cytochromes P450, and UDP-Glucuronosyltransferases as a Novel Approach for the Characterization of Individual Human Liver: Comparison with mRNA Levels and Activities. <i>Drug Metabolism and Disposition</i> , 2012, 40, 83-92.	3.3	373
103	Absolute Quantification and Differential Expression of Drug Transporters, Cytochrome P450 Enzymes, and UDP-Glucuronosyltransferases in Cultured Primary Human Hepatocytes. <i>Drug Metabolism and Disposition</i> , 2012, 40, 93-103.	3.3	121
104	Attenuation of Phosphorylation by Deoxycytidine Kinase is Key to Acquired Gemcitabine Resistance in a Pancreatic Cancer Cell Line: Targeted Proteomic and Metabolomic Analyses in PK9 Cells. <i>Pharmaceutical Research</i> , 2012, 29, 2006-2016.	3.5	23
105	Recurrent anaplastic meningioma treated by sunitinib based on results from quantitative proteomics. <i>Neuropathology and Applied Neurobiology</i> , 2012, 38, 105-110.	3.2	11
106	Transcriptomic and Quantitative Proteomic Analysis of Transporters and Drug Metabolizing Enzymes in Freshly Isolated Human Brain Microvessels. <i>Molecular Pharmaceutics</i> , 2011, 8, 1332-1341.	4.6	324
107	Blood-Brain Barrier (BBB) Pharmacoproteomics: Reconstruction of In Vivo Brain Distribution of 11 P-Glycoprotein Substrates Based on the BBB Transporter Protein Concentration, In Vitro Intrinsic Transport Activity, and Unbound Fraction in Plasma and Brain in Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2011, 339, 579-588.	2.5	116
108	Molecular-weight-dependent, Anionic-substrate-preferential Transport of $\beta$ -Lactam Antibiotics via Multidrug Resistance-associated Protein 4. <i>Drug Metabolism and Pharmacokinetics</i> , 2011, 26, 602-611.	2.2	29

#	ARTICLE	IF	CITATIONS
109	Quantitative targeted absolute proteomics of human bloodâ€‘brain barrier transporters and receptors. <i>Journal of Neurochemistry</i> , 2011, 117, 333-345.	3.9	683
110	Amyloidâ€‘ $\beta$ peptide(1â€‘40) elimination from cerebrospinal fluid involves lowâ€‘density lipoprotein receptorâ€‘related protein 1 at the bloodâ€‘cerebrospinal fluid barrier. <i>Journal of Neurochemistry</i> , 2011, 118, 407-415.	3.9	46
111	Atrial Natriuretic Peptide is Eliminated from the Brain by Natriuretic Peptide Receptor-C-Mediated Brain-to-Blood Efflux Transport at the Bloodâ€‘Brain Barrier. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2011, 31, 457-466.	4.3	18
112	Attenuation of prostaglandin E2 elimination across the mouse blood-brain barrier in lipopolysaccharide-induced inflammation and additive inhibitory effect of cefmetazole. <i>Fluids and Barriers of the CNS</i> , 2011, 8, 24.	5.0	33
113	1 $\alpha$ ,25-Dihydroxyvitamin D3 enhances cerebral clearance of human amyloid- $\beta$ peptide(1-40) from mouse brain across the blood-brain barrier. <i>Fluids and Barriers of the CNS</i> , 2011, 8, 20.	5.0	85
114	Simultaneous Absolute Quantification of 11 Cytochrome P450 Isoforms in Human Liver Microsomes by Liquid Chromatography Tandem Mass Spectrometry with In Silico Target Peptide Selection. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 341-352.	3.3	150
115	Quantitative Membrane Protein Expression at the Bloodâ€‘Brain Barrier of Adult and Younger Cynomolgus Monkeys. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 3939-3950.	3.3	197
116	Reliability and Robustness of Simultaneous Absolute Quantification of Drug Transporters, Cytochrome P450 Enzymes, and Udp-Glucuronosyltransferases in Human Liver Tissue by Multiplexed MRM/Selected Reaction Monitoring Mode Tandem Mass Spectrometry with Nano-Liquid Chromatography. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 4037-4043.	3.3	55
117	Functional characterization of Rat Plasma Membrane Monoamine Transporter in the Bloodâ€‘Brain and Bloodâ€‘Cerebrospinal Fluid Barriers. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 3924-3938.	3.3	41
118	Quantitative Targeted Absolute Proteomics-Based Adme Research as A New Path to Drug Discovery and Development: Methodology, Advantages, Strategy, and Prospects. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 3547-3559.	3.3	125
119	6-Mercaptopurine Transport by Equilibrative Nucleoside Transporters in Conditionally Immortalized Rat Syncytiotrophoblast Cell Lines TR-TBTs. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 3773-3782.	3.3	15
120	Peripheral nerve pericytes modify the bloodâ€‘nerve barrier function and tight junctional molecules through the secretion of various soluble factors. <i>Journal of Cellular Physiology</i> , 2011, 226, 255-266.	4.1	101
121	Expression of ABC-type transport proteins in human platelets. <i>Pharmacogenetics and Genomics</i> , 2010, 20, 396-400.	1.5	32
122	Reduction of L-Type Amino Acid Transporter 1 mRNA Expression in Brain Capillaries in a Mouse Model of Parkinson's Disease. <i>Biological and Pharmaceutical Bulletin</i> , 2010, 33, 1250-1252.	1.4	27
123	Establishment of a new conditionally immortalized human brain microvascular endothelial cell line retaining an in vivo bloodâ€‘brain barrier function. <i>Journal of Cellular Physiology</i> , 2010, 225, 519-528.	4.1	109
124	Lack of brainâ€‘blood efflux transport activity of lowâ€‘density lipoprotein receptorâ€‘related proteinâ€‘1 (LRPâ€‘1) for amyloidâ€‘ $\beta$ peptide(1â€‘40) in mouse: involvement of an LRPâ€‘1â€‘independent pathway. <i>Journal of Neurochemistry</i> , 2010, 113, 1356-1363.	3.9	39
125	Is P-glycoprotein Involved in Amyloid- $\beta$ Elimination Across the Bloodâ€‘Brain Barrier in Alzheimerâ€™s Disease?. <i>Clinical Pharmacology and Therapeutics</i> , 2010, 88, 443-445.	4.7	20
126	Involvement of Multidrug Resistance-Associated Protein 4 in Efflux Transport of Prostaglandin E <sub>2</sub> across Mouse Blood-Brain Barrier and Its Inhibition by Intravenous Administration of Cephalosporins. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2010, 333, 912-919.	2.5	33



#	ARTICLE	IF	CITATIONS
127	Depletion of Vitamin E Increases Amyloid $\beta$ Accumulation by Decreasing Its Clearances from Brain and Blood in a Mouse Model of Alzheimer Disease. <i>Journal of Biological Chemistry</i> , 2009, 284, 33400-33408.	3.4	91
128	Human Platelets Express Organic Anion-Transporting Peptide 2B1, an Uptake Transporter for Atorvastatin. <i>Drug Metabolism and Disposition</i> , 2009, 37, 1129-1137.	3.3	59
129	$A\beta$ Immunotherapy; Intracerebral Sequestration of $A\beta$ by an Anti- $A\beta$ Monoclonal Antibody 266 with High Affinity to Soluble $A\beta$ . <i>Journal of Neuroscience</i> , 2009, 29, 11393-11398.	3.6	103
130	Beneficial Effects of Estrogen in a Mouse Model of Cerebrovascular Insufficiency. <i>PLoS ONE</i> , 2009, 4, e5159.	2.5	34
131	mRNA expression levels of tight junction protein genes in mouse brain capillary endothelial cells highly purified by magnetic cell sorting. <i>Journal of Neurochemistry</i> , 2008, 104, 147-154.	3.9	115
132	Quantitative Atlas of Membrane Transporter Proteins: Development and Application of a Highly Sensitive Simultaneous LC/MS/MS Method Combined with Novel In-silico Peptide Selection Criteria. <i>Pharmaceutical Research</i> , 2008, 25, 1469-1483.	3.5	453
133	Peripheral Nerve pericytes originating from the blood-brain barrier express tight junctional molecules and transporters as barrier-forming cells. <i>Journal of Cellular Physiology</i> , 2008, 217, 388-399.	4.1	99
134	Expression of nuclear receptor mRNA and liver X receptor-mediated regulation of ABC transporter A1 at rat blood-brain barrier. <i>Neurochemistry International</i> , 2008, 52, 669-674.	3.8	43
135	ATP-binding cassette transporter A1 (ABCA1) deficiency does not attenuate the brain-to-blood efflux transport of human amyloid- $\beta$ peptide (1-40) at the blood-brain barrier. <i>Neurochemistry International</i> , 2008, 52, 956-961.	3.8	50
136	The Low Density Lipoprotein Receptor-related Protein 1 Mediates Uptake of Amyloid $\beta$ Peptides in an in Vitro Model of the Blood-Brain Barrier Cells. <i>Journal of Biological Chemistry</i> , 2008, 283, 34554-34562.	3.4	99
137	Insulin Facilitates the Hepatic Clearance of Plasma Amyloid $\beta$ -Peptide (1-40) by Intracellular Translocation of Low-Density Lipoprotein Receptor-Related Protein 1 (LRP-1) to the Plasma Membrane in Hepatocytes. <i>Molecular Pharmacology</i> , 2007, 72, 850-855.	2.3	105
138	Correlation of Induction of ATP Binding Cassette Transporter A5 (ABCA5) and ABCB1 mRNAs with Differentiation State of Human Colon Tumor. <i>Biological and Pharmaceutical Bulletin</i> , 2007, 30, 1144-1146.	1.4	45
139	Function and regulation of taurine transport at the inner blood-retinal barrier. <i>Microvascular Research</i> , 2007, 73, 100-106.	2.5	65
140	Hyperammonemia induces transport of taurine and creatine and suppresses claudin-12 gene expression in brain capillary endothelial cells in vitro. <i>Neurochemistry International</i> , 2007, 50, 95-101.	3.8	53
141	Cerebral clearance of human amyloid- $\beta$ peptide (1-40) across the blood-brain barrier is reduced by complex formation of activated $I\kappa B$ -macroglobulin. <i>Neuroscience Research</i> , 2007, 58, S116.	1.9	1
142	Endothelial Cells Constituting Blood-nerve Barrier Have Highly Specialized Characteristics as Barrier-forming Cells. <i>Cell Structure and Function</i> , 2007, 32, 139-147.	1.1	44
143	Exogenous expression of claudin-5 induces barrier properties in cultured rat brain capillary endothelial cells. <i>Journal of Cellular Physiology</i> , 2007, 210, 81-86.	4.1	144
144	24S-hydroxycholesterol induces cholesterol release from choroid plexus epithelial cells in an apical- and apoE isoform-dependent manner concomitantly with the induction of ABCA1 and ABCG1 expression. <i>Journal of Neurochemistry</i> , 2007, 100, 968-978.	3.9	58

#	ARTICLE	IF	CITATIONS
145	Brain-to-blood elimination of 24S-hydroxycholesterol from rat brain is mediated by organic anion transporting polypeptide 2 (oatp2) at the blood-brain barrier. <i>Journal of Neurochemistry</i> , 2007, 103, 1430-1438.	3.9	37
146	Cerebral clearance of human amyloid- $\beta$ peptide (1-40) across the blood-brain barrier is reduced by self-aggregation and formation of low-density lipoprotein receptor-related protein-1 ligand complexes. <i>Journal of Neurochemistry</i> , 2007, 103, 2482-2490.	3.9	75
147	Establishing a Method to Isolate Rat Brain Capillary Endothelial Cells by Magnetic Cell Sorting and Dominant mRNA Expression of Multidrug Resistance-associated Protein 1 and 4 in Highly Purified Rat Brain Capillary Endothelial Cells. <i>Pharmaceutical Research</i> , 2007, 24, 688-694.	3.5	32
148	Contribution of Carrier-Mediated Transport Systems to the Blood-Brain Barrier as a Supporting and Protecting Interface for the Brain; Importance for CNS Drug Discovery and Development. <i>Pharmaceutical Research</i> , 2007, 24, 1745-1758.	3.5	411
149	Multichannel Liquid Chromatography-Tandem Mass Spectrometry Cocktail Method for Comprehensive Substrate Characterization of Multidrug Resistance-Associated Protein 4 Transporter. <i>Pharmaceutical Research</i> , 2007, 24, 2281-2296.	3.5	62
150	A Novel Relationship Between Creatine Transport at the Blood-Brain and Blood-Retinal Barriers, Creatine Biosynthesis, And its Use for Brain and Retinal Energy Homeostasis. , 2007, 46, 83-98.		35
151	Functional characterization of the brain-to-blood efflux clearance of human amyloid- $\beta$ peptide (1-40) across the rat blood-brain barrier. <i>Neuroscience Research</i> , 2006, 56, 246-252.	1.9	113
152	Modulation and Compensation of the mRNA Expression of Energy Related Transporters in the Brain of Glucose Transporter 1-Deficient Mice. <i>Biological and Pharmaceutical Bulletin</i> , 2006, 29, 1587-1591.	1.4	28
153	ATP-Binding Cassette Transporter G2 Mediates the Efflux of Phototoxins on the Luminal Membrane of Retinal Capillary Endothelial Cells. <i>Pharmaceutical Research</i> , 2006, 23, 1235-1242.	3.5	69
154	Major Involvement of Low-Density Lipoprotein Receptor-Related Protein 1 in the Clearance of Plasma Free Amyloid $\beta$ -Peptide by the Liver. <i>Pharmaceutical Research</i> , 2006, 23, 1407-1416.	3.5	100
155	Drug delivery system based on transport characteristics of biological membranes Molecular mechanisms of blood-brain barrier transport system and its contribution to drug delivery to the brain. <i>Drug Delivery System</i> , 2006, 21, 102-110.	0.0	0
156	Retinal-specific ATP-binding cassette transporter (ABCR/ABCA4) is expressed at the choroid plexus in rat brain. <i>Journal of Neurochemistry</i> , 2005, 92, 1277-1280.	3.9	27
157	Selective gene silencing of rat ATP-binding cassette G2 transporter in an in vitro blood-brain barrier model by short interfering RNA. <i>Journal of Neurochemistry</i> , 2005, 93, 63-71.	3.9	15
158	Distinct spatio-temporal expression of ABCA and ABCG transporters in the developing and adult mouse brain. <i>Journal of Neurochemistry</i> , 2005, 95, 294-304.	3.9	121
159	PKC/MAPK signaling suppression by retinal pericyte conditioned medium prevents retinal endothelial cell proliferation. <i>Journal of Cellular Physiology</i> , 2005, 203, 378-386.	4.1	16
160	Dominant expression of androgen receptors and their functional regulation of organic anion transporter 3 in rat brain capillary endothelial cells; Comparison of gene expression between the blood-brain and -retinal barriers. <i>Journal of Cellular Physiology</i> , 2005, 204, 896-900.	4.1	38
161	The Physiological Function of the Blood-Brain Barrier Transporters as the CNS Supporting and Protecting System. <i>ChemInform</i> , 2005, 36, no.	0.0	0
162	Vascular Endothelium Selective Gene Induction by Tie2 Promoter/Enhancer in the Brain and Retina of a Transgenic Rat. <i>Pharmaceutical Research</i> , 2005, 22, 852-857.	3.5	17

#	ARTICLE	IF	CITATIONS
163	Physiological pharmacokinetics and membrane transport for drug delivery research. International Congress Series, 2005, 1284, 266-273.	0.2	0
164	Brain-to-blood transporters for endogenous substrates and xenobiotics at the blood-brain barrier: An overview of biology and methodology. <i>NeuroRx</i> , 2005, 2, 63-72.	6.0	72
165	Brain-to-blood transporters for endogenous substrates and xenobiotics at the blood-brain barrier: An overview of biology and methodology. <i>Neurotherapeutics</i> , 2005, 2, 63-72.	4.4	0
166	Blood-Brain Barrier Permeability of Novel [d-Arg2]Dermorphin (1-4) Analogs: Transport Property Is Related to the Slow Onset of Antinociceptive Activity in the Central Nervous System. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 310, 177-184.	2.5	18
167	Brain Insulin Impairs Amyloid- $\beta$ (1-40) Clearance from the Brain. <i>Journal of Neuroscience</i> , 2004, 24, 9632-9637.	3.6	90
168	Mouse Reduced in Osteosclerosis Transporter Functions as an Organic Anion Transporter 3 and Is Localized at Abluminal Membrane of Blood-Brain Barrier. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 309, 1273-1281.	2.5	74
169	Distinct cellular expressions of creatine synthetic enzyme GAMT and creatine kinases uCK $\alpha$ and CK $\beta$ suggest a novel neuron-glial relationship for brain energy homeostasis. <i>European Journal of Neuroscience</i> , 2004, 20, 144-160.	2.6	149
170	A pericyte-derived angiopoietin-1 multimeric complex induces occludin gene expression in brain capillary endothelial cells through Tie2 activation <i>in vitro</i> . <i>Journal of Neurochemistry</i> , 2004, 89, 503-513.	3.9	299
171	Localization of organic anion transporting polypeptide 3 (oatp3) in mouse brain parenchymal and capillary endothelial cells. <i>Journal of Neurochemistry</i> , 2004, 90, 743-749.	3.9	54
172	Organic anion transporter 3 is involved in the brain-to-blood efflux transport of thiopurine nucleobase analogs. <i>Journal of Neurochemistry</i> , 2004, 90, 931-941.	3.9	80
173	Functional expression of rat ABCG2 on the luminal side of brain capillaries and its enhancement by astrocyte-derived soluble factor(s). <i>Journal of Neurochemistry</i> , 2004, 90, 526-536.	3.9	131
174	A new <i>in vitro</i> model for blood-cerebrospinal fluid barrier transport studies: an immortalized choroid plexus epithelial cell line derived from the tsA58 SV40 large T-antigen gene transgenic rat. <i>Advanced Drug Delivery Reviews</i> , 2004, 56, 1875-1885.	13.7	27
175	The L-isomer-selective transport of aspartic acid is mediated by ASCT2 at the blood-brain barrier. <i>Journal of Neurochemistry</i> , 2004, 87, 891-901.	3.9	57
176	mRNA Expression of the ATP-Binding Cassette Transporter Subfamily A (ABCA) in Rat and Human Brain Capillary Endothelial Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2004, 27, 1437-1440.	1.4	34
177	New Aspects of the Blood-Brain Barrier Transporters; Its Physiological Roles in the Central Nervous System. <i>Biological and Pharmaceutical Bulletin</i> , 2004, 27, 1489-1496.	1.4	84
178	Transporter mRNA Expression in a Conditionally Immortalized Rat Small Intestine Epithelial Cell Line (TR-SIE). <i>Drug Metabolism and Pharmacokinetics</i> , 2004, 19, 264-269.	2.2	9
179	Retinal selectivity of gene expression in rat retinal versus brain capillary endothelial cell lines by differential display analysis. <i>Molecular Vision</i> , 2004, 10, 537-43.	1.1	9
180	New approaches to <i>in vitro</i> models of blood-brain barrier drug transport. <i>Drug Discovery Today</i> , 2003, 8, 944-954.	6.4	158

#	ARTICLE	IF	CITATIONS
181	Expression and regulation of L-cystine transporter, system xc <sup>-</sup> , in the newly developed rat retinal Müller cell line (TR-MUL). <i>Glia</i> , 2003, 43, 208-217.	4.9	85
182	Blood-brain barrier transport of a novel $\mu$ 1-specific opioid peptide, H-Tyr-d-Arg-Phe- $\beta$ -Ala-OH (TAPA). <i>Journal of Neurochemistry</i> , 2003, 84, 1154-1161.	3.9	35
183	Rat Organic Anion Transporter 3 (rOAT3) is Responsible for Brain-to-Blood Efflux of Homovanillic Acid at the Abluminal Membrane of Brain Capillary Endothelial Cells. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2003, 23, 432-440.	4.3	151
184	In Vitro Study of the Functional Expression of Organic Anion Transporting Polypeptide 3 at Rat Choroid Plexus Epithelial Cells and Its Involvement in the Cerebrospinal Fluid-to-Blood Transport of Estrone-3-Sulfate. <i>Molecular Pharmacology</i> , 2003, 63, 532-537.	2.3	63
185	Establishment of Conditionally Immortalized Rat Retinal Pericyte Cell Lines (TR-rPCT) and Their Application in a Co-culture System Using Retinal Capillary Endothelial Cell Line (TR-iBRB2). <i>Cell Structure and Function</i> , 2003, 28, 145-153.	1.1	39
186	Rat Organic Anion Transporter 3 (rOAT3) Is Responsible for Brain-to-Blood Efflux of Homovanillic Acid at the Abluminal Membrane of Brain Capillary Endothelial Cells. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2003, , 432-440.	4.3	64
187	New in vitro model for the brain drug delivery research: Conditionally immortalized cell lines as novel models of the blood-brain barrier (BBB) and blood-cerebrospinal fluid barrier (BCSFB). <i>Drug Delivery System</i> , 2003, 18, 118-125.	0.0	0
188	ATA2 Is Predominantly Expressed as System A at the Blood-Brain Barrier and Acts as Brain-to-Blood Efflux Transport for L-Proline. <i>Molecular Pharmacology</i> , 2002, 61, 1289-1296.	2.3	71
189	Enhancement of L-Cystine Transport Activity and Its Relation to xCT Gene Induction at the Blood-Brain Barrier by Diethyl Maleate Treatment. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 302, 225-231.	2.5	55
190	mRNA Expression and Amino Acid Transport Characteristics of Cultured Human Brain Microvascular Endothelial Cells (hBME). <i>Drug Metabolism and Pharmacokinetics</i> , 2002, 17, 367-373.	2.2	23
191	Localization of norepinephrine and serotonin transporter in mouse brain capillary endothelial cells. <i>Neuroscience Research</i> , 2002, 44, 173-180.	1.9	76
192	Blood-Brain Barrier Is Involved in the Efflux Transport of a Neuroactive Steroid, Dehydroepiandrosterone Sulfate, via Organic Anion Transporting Polypeptide 2. <i>Journal of Neurochemistry</i> , 2002, 75, 1907-1916.	3.9	127
193	Role of blood-brain barrier organic anion transporter 3 (OAT3) in the efflux of indoxyl sulfate, a uremic toxin: its involvement in neurotransmitter metabolite clearance from the brain. <i>Journal of Neurochemistry</i> , 2002, 83, 57-66.	3.9	196
194	Internalization of basic fibroblast growth factor at the mouse blood-brain barrier involves perlecan, a heparan sulfate proteoglycan. <i>Journal of Neurochemistry</i> , 2002, 83, 381-389.	3.9	62
195	Regulation of taurine transport at the blood-brain barrier by tumor necrosis factor- $\alpha$ , taurine and hypertonicity. <i>Journal of Neurochemistry</i> , 2002, 83, 1188-1195.	3.9	105
196	Major role of organic anion transporter 3 in the transport of indoxyl sulfate in the kidney. <i>Kidney International</i> , 2002, 61, 1760-1768.	5.2	128
197	Recent advances in the brain-to-blood efflux transport across the blood-brain barrier. <i>International Journal of Pharmaceutics</i> , 2002, 248, 15-29.	5.2	42
198	The Blood-Brain Barrier Creatine Transporter is a Major Pathway for Supplying Creatine to the Brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2002, 22, 1327-1335.	4.3	161

#	ARTICLE	IF	CITATIONS
199	The Blood-Brain Barrier Creatine Transporter Is a Major Pathway for Supplying Creatine to the Brain. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2002, , 1327-1335.	4.3	60
200	Blood-Brain Barrier Transport and Drug Targeting to the Brain. , 2002, , 313-326.		0
201	Induction of xCT gene expression and L-cystine transport activity by diethyl maleate at the inner blood-retinal barrier. <i>Investigative Ophthalmology and Visual Science</i> , 2002, 43, 774-9.	3.3	39
202	Conditionally Immortalized Retinal Capillary Endothelial Cell Lines (TR-iBRB) Expressing Differentiated Endothelial Cell Functions Derived from a Transgenic Rat. <i>Experimental Eye Research</i> , 2001, 72, 163-172.	2.6	147
203	Acidic Amino Acid Transport Characteristics of a Newly Developed Conditionally Immortalized Rat Type 2 Astrocyte Cell Line (TR-AST).. <i>Cell Structure and Function</i> , 2001, 26, 197-203.	1.1	29
204	Characterization of the amino acid transport of new immortalized choroid plexus epithelial cell lines: a novel in vitro system for investigating transport functions at the blood-cerebrospinal fluid barrier. <i>Pharmaceutical Research</i> , 2001, 18, 16-22.	3.5	61
205	MCT1-mediated transport of L-lactic acid at the inner blood-retinal barrier: a possible route for delivery of monocarboxylic acid drugs to the retina. <i>Pharmaceutical Research</i> , 2001, 18, 1669-1676.	3.5	99
206	GAT2/BGT-1 as a System Responsible for the Transport of $\beta$ -Aminobutyric Acid at the Mouse Blood-Brain Barrier. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2001, 21, 1232-1239.	4.3	150
207	Conditionally immortalized brain capillary endothelial cell lines established from a transgenic mouse harboring temperature-sensitive simian virus 40 large T-antigen gene. <i>AAPS PharmSci</i> , 2000, 2, 69-79.	1.3	63
208	mRNA Expression and Transport Characterization of Conditionally Immortalized Rat Brain Capillary Endothelial Cell Lines; a New in vitro BBB Model for Drug Targeting. <i>Journal of Drug Targeting</i> , 2000, 8, 357-370.	4.4	102
209	GAGA mediates the enhancer blocking activity of the <i>eve</i> promoter in the <i>Drosophila</i> embryo. <i>Genes and Development</i> , 1998, 12, 3325-3330.	5.9	145
210	cDNA Cloning of Mouse Prolyl Endopeptidase and Its Involvement in DNA Synthesis by Swiss 3T3 Cells. <i>Journal of Biochemistry</i> , 1998, 123, 540-545.	1.7	40
211	Different core promoters possess distinct regulatory activities in the <i>Drosophila</i> embryo. <i>Genes and Development</i> , 1998, 12, 547-556.	5.9	193
212	Nuclear Localization and Involvement in DNA Synthesis of <i>Sarcophaga</i> Prolyl Endopeptidase. <i>Journal of Biochemistry</i> , 1997, 121, 1176-1181.	1.7	21
213	Molecular cloning of cDNA for <i>Sarcophaga</i> prolyl endopeptidase and characterization of the recombinant enzyme produced by an <i>E. coli</i> expression system. <i>Insect Biochemistry and Molecular Biology</i> , 1997, 27, 337-343.	2.7	11
214	A Prolyl Endopeptidase of <i>Sarcophaga peregrina</i> (Flesh Fly): Its Purification and Suggestion for Its Participation in the Differentiation of the Imaginal Discs1. <i>Journal of Biochemistry</i> , 1994, 115, 449-453.	1.7	46
215	Human Immortalized Cell-Based Blood-Brain Barrier Spheroid Models Offer an Evaluation Tool for the Brain Penetration Properties of Macromolecules. <i>Molecular Pharmaceutics</i> , 0, , .	4.6	3