

# Satoko Hori

## List of Publications by Year in descending order

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68  
papers

2,432  
citations

218592

26  
h-index

206029

48  
g-index

84  
all docs

84  
docs citations

84  
times ranked

2855  
citing authors

#	ARTICLE	IF	CITATIONS
1	A pericyte-derived angiopoietin-1 multimeric complex induces occludin gene expression in brain capillary endothelial cells through Tie-2 activation in vitro. <i>Journal of Neurochemistry</i> , 2004, 89, 503-513.	2.1	299
2	A Human IAP-Family Gene, Apollon, Expressed in Human Brain Cancer Cells. <i>Biochemical and Biophysical Research Communications</i> , 1999, 264, 847-854.	1.0	209
3	New approaches to in vitro models of blood-brain barrier drug transport. <i>Drug Discovery Today</i> , 2003, 8, 944-954.	3.2	158
4	A functional in vitro model of rat blood-brain barrier for molecular analysis of efflux transporters. <i>Brain Research</i> , 2007, 1150, 1-13.	1.1	140
5	Co-administration of proton pump inhibitors delays elimination of plasma methotrexate in high-dose methotrexate therapy. <i>British Journal of Clinical Pharmacology</i> , 2009, 67, 44-49.	1.1	137
6	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.	2.1	131
7	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.	2.1	121
8	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.	1.3	74
9	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.	1.7	69
10	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.	2.1	58
11	Progesterone inhibits glucose uptake by affecting diverse steps of insulin signaling in 3T3-L1 adipocytes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010, 298, E881-E888.	1.8	58
12	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.	2.1	54
13	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.	1.9	50
14	Inhibitory Effects of Herbal Extracts on Breast Cancer Resistance Protein (BCRP) and Structure-Inhibitory Potency Relationship of Isoflavonoids. <i>Drug Metabolism and Pharmacokinetics</i> , 2010, 25, 170-179.	1.1	50
15	Altered Subcellular Distribution of Estrogen Receptor $\alpha$ Is Implicated in Estradiol-Induced Dual Regulation of Insulin Signaling in 3T3-L1 Adipocytes. <i>Endocrinology</i> , 2006, 147, 1020-1028.	1.4	45
16	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.	0.6	45
17	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.	1.9	43
18	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.	0.5	39

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19	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.	2.0	38
20	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.	2.1	37
21	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.	0.6	34
22	In vivo delivery of small interfering RNA targeting brain capillary endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 2006, 340, 263-267.	1.0	32
23	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.	0.6	28
24	A new in vitro 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.	6.6	27
25	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.	2.1	27
26	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.	0.6	27
27	Modulation of retinal capillary endothelial cells by Müller glial cell-derived factors. <i>Molecular Vision</i> , 2009, 15, 451-7.	1.1	26
28	Estimating the range of incremental cost-effectiveness thresholds for healthcare based on willingness to pay and GDP per capita: A systematic review. <i>PLoS ONE</i> , 2022, 17, e0266934.	1.1	26
29	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.	1.1	23
30	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.	1.7	17
31	PKC/MAPK signaling suppression by retinal pericyte conditioned medium prevents retinal endothelial cell proliferation. <i>Journal of Cellular Physiology</i> , 2005, 203, 378-386.	2.0	16
32	Transplacental Pharmacokinetics of Diclofenac in Perfused Human Placenta. <i>Drug Metabolism and Disposition</i> , 2009, 37, 962-968.	1.7	16
33	Prediction and evaluation of fetal toxicity induced by NSAIDs using transplacental kinetic parameters obtained from human placental perfusion studies. <i>British Journal of Clinical Pharmacology</i> , 2012, 73, 248-256.	1.1	16
34	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.	2.1	15
35	Kinetic Analysis of the Transport of Salicylic Acid, a Nonsteroidal Anti-inflammatory Drug, across Human Placenta. <i>Drug Metabolism and Disposition</i> , 2007, 35, 772-778.	1.7	15
36	Saturable Binding of Finasteride to Steroid 5 $\alpha$ -reductase as Determinant of Nonlinear Pharmacokinetics. <i>Drug Metabolism and Pharmacokinetics</i> , 2010, 25, 208-213.	1.1	15

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37	A Novel Anti-Platelet Monoclonal Antibody Induces Mouse Platelet Aggregation through an Fc Receptor-Independent Mechanism. <i>Biochemical and Biophysical Research Communications</i> , 1998, 242, 250-255.	1.0	14
38	Inhibitory Effects of Herbal Extracts on the Activity of Human Sulfotransferase Isoform Sulfotransferase 1A3 (SULT1A3). <i>Biological and Pharmaceutical Bulletin</i> , 2009, 32, 105-109.	0.6	13
39	The first case of phenytoin intoxication associated with the concomitant use of phenytoin and TS-1, a combination preparation of tegafur, gimeracil, and oteracil potassium. <i>Cancer Chemotherapy and Pharmacology</i> , 2008, 62, 427-432.	1.1	12
40	Characterization of Transplacental Transfer of Paroxetine in Perfused Human Placenta: Development of a Pharmacokinetic Model to Evaluate Tapered Dosing. <i>Drug Metabolism and Disposition</i> , 2013, 41, 2124-2132.	1.7	12
41	Pharmacokinetic model incorporating mechanism-based inactivation of CYP2D6 can explain both non-linear kinetics and drug interactions of paroxetine. <i>International Journal of Clinical Pharmacology and Therapeutics</i> , 2013, 51, 374-382.	0.3	12
42	Increased anticoagulant activity of warfarin used in combination with doxifluridine. <i>Cancer Chemotherapy and Pharmacology</i> , 2010, 66, 969-972.	1.1	10
43	Community pharmacists' attitudes relating to patients' use of health products in Japan. <i>International Journal of Clinical Pharmacy</i> , 2012, 34, 529-537.	1.0	10
44	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.	1.1	9
45	Development of a Pharmacokinetic Model to Optimize the Dosage Regimen of TS-1, a Combination Preparation of Tegafur, Gimeracil and Oteracil Potassium. <i>Drug Metabolism and Pharmacokinetics</i> , 2007, 22, 162-168.	1.1	9
46	Threshold Size of Medical Tablets and Capsules: Based on Information Collected by Japanese Medical Wholesaler. <i>Patient Preference and Adherence</i> , 2020, Volume 14, 1251-1258.	0.8	8
47	Prediction of fetal ductus arteriosus constriction by systemic and local dermatological formulations of NSAIDs based on PK/PD analysis. <i>International Journal of Clinical Pharmacology and Therapeutics</i> , 2016, 54, 782-794.	0.3	8
48	Piloerection induced by replacing fluvoxamine with milnacipran. <i>British Journal of Clinical Pharmacology</i> , 2007, 63, 665-671.	1.1	6
49	Quantitative prediction of fetal plasma concentration of fluvoxamine during dosage-tapering to the mother. <i>Placenta</i> , 2017, 58, 74-81.	0.7	6
50	Questionnaire survey investigation of the present status of dietetic consultation at community pharmacies from the perspectives of registered dietitians and pharmacists. <i>BMC Health Services Research</i> , 2021, 21, 935.	0.9	6
51	Understanding of Definition and Safety of Oral Health Products among Patients, Physicians and Pharmacists. <i>Yakugaku Zasshi</i> , 2010, 130, 961-969.	0.0	5
52	Prediction of sustained fetal toxicity induced by ketoprofen based on PK/PD analysis using human placental perfusion and rat toxicity data. <i>British Journal of Clinical Pharmacology</i> , 2017, 83, 2503-2516.	1.1	5
53	Experimental Study on Patient Preferences Regarding the Shape and Size of Medical Tablets and Capsules Using Three-Dimensionally Printed Plastic Model Formulations. <i>Patient Preference and Adherence</i> , 2021, Volume 15, 863-870.	0.8	5
54	Pharmacokinetic model analysis of interaction between phenytoin and capecitabine. <i>International Journal of Clinical Pharmacology and Therapeutics</i> , 2016, 54, 657-665.	0.3	5

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55	Questionnaire Survey on Clinical Performance of Pharmacists Concerning Patients' Use of Herbs and Dietary Supplements. <i>Iryo Yakugaku (Japanese Journal of Pharmaceutical Health Care and Sciences)</i> , 2009, 35, 685-692.	0.0	5
56	Identification of hand-foot syndrome from cancer patients's™ blog posts: BERT-based deep-learning approach to detect potential adverse drug reaction symptoms. <i>PLoS ONE</i> , 2022, 17, e0267901.	1.1	5
57	Extracting Multiple Worries From Breast Cancer Patient Blogs Using Multilabel Classification With the Natural Language Processing Model Bidirectional Encoder Representations From Transformers: Infodemiology Study of Blogs. <i>JMIR Cancer</i> , 2022, 8, e37840.	0.9	4
58	Risk factors for severe neutropenia in pancreatic cancer patients treated with gemcitabine/nab-paclitaxel combination therapy. <i>PLoS ONE</i> , 2021, 16, e0254726.	1.1	3
59	Sequential interaction of phenytoin and phenobarbital with fluorouracil. <i>International Journal of Clinical Pharmacology and Therapeutics</i> , 2012, 50, 862-866.	0.3	2
60	Sisters who developed piloerection after administration of milnacipran. <i>International Journal of Clinical Pharmacology and Therapeutics</i> , 2016, 54, 208-211.	0.3	2
61	Development of Risk Prediction Model for Grade 2 or Higher Hypocalcemia in Bone Metastasis Patients Treated with Denosumab plus Cholecalciferol (Vitamin D3)/Ca Supplement. <i>Journal of Clinical Pharmacology</i> , 2022, , .	1.0	2
62	Analysis of the Mechanism of Prolonged Persistence of Drug Interaction between Terbinafine and Amitriptyline or Nortriptyline. <i>Biological and Pharmaceutical Bulletin</i> , 2017, 40, 1010-1020.	0.6	1
63	Induced next-day somnolence in an elderly patient taking suvorexant concomitantly with diltiazem. <i>International Journal of Clinical Pharmacology and Therapeutics</i> , 2016, 54, 645-648.	0.3	1
64	Differences in how bronchial asthma patients transmit experience about adverse reactions and usability of inhaled steroids to others: A qualitative focus-group study. <i>Drug Discoveries and Therapeutics</i> , 2018, 12, 224-232.	0.6	0
65	&lt;p&gt;Characteristics of "Hard-to-Use" Press-Through-Package Sheets: An Analysis of Information Collected by Marketing Specialists of a Japanese Medical Wholesaler&lt;p&gt;. <i>Patient Preference and Adherence</i> , 2020, Volume 14, 1267-1274.	0.8	0
66	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
67	Risk factors for severe neutropenia among pancreatic cancer patients receiving nab-paclitaxel and gemcitabine combination therapy.. <i>Journal of Clinical Oncology</i> , 2020, 38, 684-684.	0.8	0
68	Information provision and retrieval by registered salespersons from consumers during over-the-counter drug sales " a questionnaire survey. <i>BMC Health Services Research</i> , 2021, 21, 1333.	0.9	0