

Takuo Ogihara

List of Publications by Year in descending order

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51
papers

873
citations

516710
16
h-index

501196
28
g-index

53
all docs

53
docs citations

53
times ranked

984
citing authors

#	ARTICLE	IF	CITATIONS
1	Oseltamivir (Tamiflu) Efflux Transport at the Blood-Brain Barrier via P-Glycoprotein. <i>Drug Metabolism and Disposition</i> , 2008, 36, 6-9.	3.3	103
2	Luteolin and Quercetin Affect the Cholesterol Absorption Mediated by Epithelial Cholesterol Transporter Niemann-Pick C1-Like 1 in Caco-2 Cells and Rats. <i>PLoS ONE</i> , 2014, 9, e97901.	2.5	73
3	Evaluation of Human Hepatocytes Cultured by Three-dimensional Spheroid Systems for Drug Metabolism. <i>Drug Metabolism and Pharmacokinetics</i> , 2014, 29, 373-378.	2.2	58
4	What Kinds of Substrates Show P-Glycoprotein-Dependent Intestinal Absorption? Comparison of Verapamil with Vinblastine. <i>Drug Metabolism and Pharmacokinetics</i> , 2006, 21, 238-244.	2.2	54
5	Oseltamivir (Tamiflu) Is a Substrate of Peptide Transporter 1. <i>Drug Metabolism and Disposition</i> , 2009, 37, 1676-1681.	3.3	50
6	Stereoselective and carrier-mediated transport of monocarboxylic acids across Caco-2 cells. <i>Pharmaceutical Research</i> , 1996, 13, 1828-1832.	3.5	46
7	Effect of Knockdown of Ezrin, Radixin, and Moesin on P-Glycoprotein Function in HepG2 Cells. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 5308-5314.	3.3	43
8	Snail-Induced Epithelial-to-Mesenchymal Transition Enhances P-gp-Mediated Multidrug Resistance in HCC827 Cells. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 2642-2649.	3.3	30
9	Advances in Studies of P-Glycoprotein and Its Expression Regulators. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 11-19.	1.4	29
10	Contribution of Radixin to P-Glycoprotein Expression and Transport Activity in Mouse Small Intestine In Vivo. <i>Journal of Pharmaceutical Sciences</i> , 2013, 102, 2875-2881.	3.3	28
11	Physiological Roles of ERM Proteins and Transcriptional Regulators in Supporting Membrane Expression of Efflux Transporters as Factors of Drug Resistance in Cancer. <i>Cancers</i> , 2020, 12, 3352.	3.7	25
12	Regulation of breast cancer resistance protein and P-glycoprotein by ezrin, radixin and moesin in lung, intestinal and renal cancer cell lines. <i>Journal of Pharmacy and Pharmacology</i> , 2020, 72, 575-582.	2.4	22
13	Different regulation of P-glycoprotein function between Caco-2 and Caki-1 cells by ezrin, radixin and moesin proteins. <i>Journal of Pharmacy and Pharmacology</i> , 2016, 68, 361-367.	2.4	21
14	Preliminary Evaluation of Three-Dimensional Primary Human Hepatocyte Culture System for Assay of Drug-Metabolizing Enzyme-Inducing Potential. <i>Biological and Pharmaceutical Bulletin</i> , 2017, 40, 967-974.	1.4	20
15	Utility of Three-Dimensional Cultures of Primary Human Hepatocytes (Spheroids) as Pharmacokinetic Models. <i>Biomedicines</i> , 2020, 8, 374.	3.2	19
16	Utility of human hepatocyte spheroids without feeder cells for evaluation of hepatotoxicity. <i>Journal of Toxicological Sciences</i> , 2017, 42, 499-507.	1.5	18
17	Role of P-Glycoprotein in Regulating Cilnidipine Distribution to Intact and Ischemic Brain. <i>Drug Metabolism and Pharmacokinetics</i> , 2014, 29, 254-258.	2.2	17
18	Analysis of a child who developed abnormal neuropsychiatric symptoms after administration of oseltamivir: a case report. <i>BMC Neurology</i> , 2015, 15, 130.	1.8	15

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19	Testosterone and androstenedione are endogenous substrates of P-glycoprotein. <i>Biochemical and Biophysical Research Communications</i> , 2019, 520, 166-170.	2.1	15
20	Moesin-Mediated P-Glycoprotein Activation During Snail-Induced Epithelial-Mesenchymal Transition in Lung Cancer Cells. <i>Journal of Pharmaceutical Sciences</i> , 2020, 109, 2302-2308.	3.3	15
21	Mechanism of Suppression of Blood Glucose Level by Calcium Alginate in Rats. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 1362-1366.	1.4	13
22	Establishment of a primary human hepatocyte spheroid system for evaluating metabolic toxicity using dacarbazine under conditions of CYP1A2 induction. <i>Drug Metabolism and Pharmacokinetics</i> , 2020, 35, 201-206.	2.2	12
23	Utility of human hepatocyte spheroids for evaluation of hepatotoxicity. <i>Fundamental Toxicological Sciences</i> , 2015, 2, 41-48.	0.6	11
24	Combination Metabolomics Approach for Identifying Endogenous Substrates of Carnitine/Organic Cation Transporter OCTN1. <i>Pharmaceutical Research</i> , 2018, 35, 224.	3.5	11
25	Structure-activity relationship of atorvastatin derivatives for metabolic activation by hydrolases. <i>Xenobiotica</i> , 2020, 50, 261-269.	1.1	11
26	Randomized, Double-Blind, Crossover Clinical Trial of the Effect of Calcium Alginate in Noodles on Postprandial Blood Glucose Level. <i>Biological and Pharmaceutical Bulletin</i> , 2018, 41, 1367-1371.	1.4	10
27	Intestinal secretion of indoxyl sulfate as a possible compensatory excretion pathway in chronic kidney disease. <i>Biopharmaceutics and Drug Disposition</i> , 2018, 39, 328-334.	1.9	9
28	Entinostat reverses P-glycoprotein activation in snail-overexpressing adenocarcinoma HCC827 cells. <i>PLoS ONE</i> , 2018, 13, e0200015.	2.5	9
29	Developmental changes of brain distribution and localization of oseltamivir and its active metabolite Ro 64-0802 in rats. <i>Journal of Toxicological Sciences</i> , 2012, 37, 1217-1223.	1.5	8
30	Evaluation of the metabolic capability of primary human hepatocytes in three-dimensional cultures on microstructural plates. <i>Biopharmaceutics and Drug Disposition</i> , 2018, 39, 187-195.	1.9	8
31	Reduction Effect of Calcium Alginate on Blood Triglyceride Levels Causing the Inhibition of Hepatic and Total Body Accumulation of Fat in Rats. <i>Biological and Pharmaceutical Bulletin</i> , 2019, 42, 365-372.	1.4	7
32	Gastrointestinal absorption of pimozone is enhanced by inhibition of P-glycoprotein. <i>PLoS ONE</i> , 2020, 15, e0232438.	2.5	7
33	Interaction of Peptide Transporter 1 With d-Glucose and L-Glutamic Acid; Possible Involvement of Taste Receptors. <i>Journal of Pharmaceutical Sciences</i> , 2016, 105, 339-342.	3.3	6
34	Evaluation of the Inhibitory Effect of Dihydropyridines on N-type Calcium Channel by Virtual Three-dimensional Pharmacophore Modeling. <i>Arzneimittelforschung</i> , 2009, 59, 283-288.	0.4	5
35	Adenovirus vector infection of non-small-cell lung cancer cells is a trigger for multi-drug resistance mediated by P-glycoprotein. <i>Biochemical and Biophysical Research Communications</i> , 2016, 476, 183-187.	2.1	5
36	Functional Alterations of Multidrug Resistance-Associated Proteins 2 and 5, and Breast Cancer Resistance Protein upon Snail-Induced Epithelial-Mesenchymal Transition in HCC827 Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2021, 44, 103-111.	1.4	5

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37	Stability of the Oral Formulation in No Packaging State. Iryo Yakugaku (Japanese Journal of Pharmacy and Pharmacology), 2014, 42, 107-111.	0.784314	10
38	Effect of metformin on ¹⁸ F-fluorodeoxyglucose uptake and positron emission tomographic imaging. British Journal of Radiology, 2022, 95, 20200810.	2.2	5
39	Evaluation of a Thiodipeptide, L-Phenylalanyl-β-[CS-N]-l-alanine, as a Novel Probe for Peptide Transporter 1. Drug Metabolism and Pharmacokinetics, 2014, 29, 470-474.	2.2	4
40	Multiple Linear Regression Analysis Indicates Association of P-Glycoprotein Substrate or Inhibitor Character with Bitterness Intensity Measured with a Sensor. Journal of Pharmaceutical Sciences, 2015, 104, 2789-2794.	3.3	3
41	Possible interaction of quinolone antibiotics with peptide transporter 1 in oral absorption of peptide-mimetic drugs. Biopharmaceutics and Drug Disposition, 2016, 37, 39-45.	1.9	3
42	Usefulness and limitations of mRNA measurement in HepaRG cells for evaluation of cytochrome P450 induction. Fundamental Toxicological Sciences, 2020, 7, 9-14.	0.6	3
43	Imaging modalities for monitoring acute therapeutic effects after near-infrared photoimmunotherapy in vivo. Journal of Biophotonics, 2021, 15, e202100266.	2.3	3
44	Foreword. Biological and Pharmaceutical Bulletin, 2013, 36, 691-691.	1.4	2
45	Comparison of Brand-name and Generic Products of Latanoprost Ophthalmic Solution with Respect to the Sense of Use. Iryo Yakugaku (Japanese Journal of Pharmaceutical Health Care and Sciences), 2016, 42, 651-658.	0.1	2
46	Slug Mediates MRP2 Expression in Non-Small Cell Lung Cancer Cells. Biomolecules, 2022, 12, 806.	4.0	2
47	Correlations of mRNA Levels among Efflux Transporters, Transcriptional Regulators, and Scaffold Proteins in Non-Small-Cell Lung Cancer. Canadian Journal of Infectious Diseases and Medical Microbiology, 2021, 2021, 1-6.	1.9	1
48	Directional Drug Transport through Membrane-Supported Monolayers of Human Liver-Derived Cell Lines. Biological and Pharmaceutical Bulletin, 2022, 45, 150-153.	1.4	1
49	Pharmacokinetics of ethyl eicosapentaenoate (EPA-E). Journal of Lipid Nutrition, 2015, 24, 21-32.	0.1	0
50	Possible utility of peptide-transporter-targeting [19F]dipeptides for visualization of the biodistribution of cancers by nuclear magnetic resonance imaging. International Journal of Pharmaceutics, 2020, 586, 119575.	5.2	0
51	Clinical impact and evidence of pharmacokinetic change by genetic polymorphism. Drug Metabolism and Pharmacokinetics, 2013, 28, 3.	2.2	0