

Takuo Ogihara

List of Publications by Year in descending order

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51
papers

873
citations

516710

16
h-index

501196

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all docs

53
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53
times ranked

984
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of metformin on ¹⁸ F-fluorodeoxyglucose uptake and positron emission tomographic imaging. <i>British Journal of Radiology</i> , 2022, 95, 20200810.	2.2	5
2	Directional Drug Transport through Membrane-Supported Monolayers of Human Liver-Derived Cell Lines. <i>Biological and Pharmaceutical Bulletin</i> , 2022, 45, 150-153.	1.4	1
3	Slug Mediates MRP2 Expression in Non-Small Cell Lung Cancer Cells. <i>Biomolecules</i> , 2022, 12, 806.	4.0	2
4	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
5	Correlations of mRNA Levels among Efflux Transporters, Transcriptional Regulators, and Scaffold Proteins in Non-Small-Cell Lung Cancer. <i>Canadian Journal of Infectious Diseases and Medical Microbiology</i> , 2021, 2021, 1-6.	1.9	1
6	Imaging modalities for monitoring acute therapeutic effects after near-infrared photoimmunotherapy in vivo. <i>Journal of Biophotonics</i> , 2021, 15, e202100266.	2.3	3
7	Structure-activity relationship of atorvastatin derivatives for metabolic activation by hydrolases. <i>Xenobiotica</i> , 2020, 50, 261-269.	1.1	11
8	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
9	Utility of Three-Dimensional Cultures of Primary Human Hepatocytes (Spheroids) as Pharmacokinetic Models. <i>Biomedicines</i> , 2020, 8, 374.	3.2	19
10	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
11	Possible utility of peptide-transporter-targeting [19F]dipeptides for visualization of the biodistribution of cancers by nuclear magnetic resonance imaging. <i>International Journal of Pharmaceutics</i> , 2020, 586, 119575.	5.2	0
12	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
13	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
14	Gastrointestinal absorption of pimozone is enhanced by inhibition of P-glycoprotein. <i>PLoS ONE</i> , 2020, 15, e0232438.	2.5	7
15	Usefulness and limitations of mRNA measurement in HepaRG cells for evaluation of cytochrome P450 induction. <i>Fundamental Toxicological Sciences</i> , 2020, 7, 9-14.	0.6	3
16	Testosterone and androstenedione are endogenous substrates of P-glycoprotein. <i>Biochemical and Biophysical Research Communications</i> , 2019, 520, 166-170.	2.1	15
17	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
18	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

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19	Advances in Studies of P-Glycoprotein and Its Expression Regulators. Biological and Pharmaceutical Bulletin, 2018, 41, 11-19.	1.4	29
20	Combination Metabolomics Approach for Identifying Endogenous Substrates of Carnitine/Organic Cation Transporter OCTN1. Pharmaceutical Research, 2018, 35, 224.	3.5	11
21	Randomized, Double-Blind, Crossover Clinical Trial of the Effect of Calcium Alginate in Noodles on Postprandial Blood Glucose Level. Biological and Pharmaceutical Bulletin, 2018, 41, 1367-1371.	1.4	10
22	Intestinal secretion of indoxyl sulfate as a possible compensatory excretion pathway in chronic kidney disease. Biopharmaceutics and Drug Disposition, 2018, 39, 328-334.	1.9	9
23	Entinostat reverses P-glycoprotein activation in snail-overexpressing adenocarcinoma HCC827 cells. PLoS ONE, 2018, 13, e0200015.	2.5	9
24	Mechanism of Suppression of Blood Glucose Level by Calcium Alginate in Rats. Biological and Pharmaceutical Bulletin, 2018, 41, 1362-1366.	1.4	13
25	Snail-Induced Epithelial-to-Mesenchymal Transition Enhances P-gp-Mediated Multidrug Resistance in HCC827 Cells. Journal of Pharmaceutical Sciences, 2017, 106, 2642-2649.	3.3	30
26	Preliminary Evaluation of Three-Dimensional Primary Human Hepatocyte Culture System for Assay of Drug-Metabolizing Enzyme-Inducing Potential. Biological and Pharmaceutical Bulletin, 2017, 40, 967-974.	1.4	20
27	Utility of human hepatocyte spheroids without feeder cells for evaluation of hepatotoxicity. Journal of Toxicological Sciences, 2017, 42, 499-507.	1.5	18
28	Different regulation of P-glycoprotein function between Caco-2 and Caki-1 cells by ezrin, radixin and moesin proteins. Journal of Pharmacy and Pharmacology, 2016, 68, 361-367.	2.4	21
29	Adenovirus vector infection of non-small-cell lung cancer cells is a trigger for multi-drug resistance mediated by P-glycoprotein. Biochemical and Biophysical Research Communications, 2016, 476, 183-187.	2.1	5
30	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
31	Interaction of Peptide Transporter 1 With d-Glucose and l-Glutamic Acid; Possible Involvement of Taste Receptors. Journal of Pharmaceutical Sciences, 2016, 105, 339-342.	3.3	6
32	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
33	Utility of human hepatocyte spheroids for evaluation of hepatotoxicity. Fundamental Toxicological Sciences, 2015, 2, 41-48.	0.6	11
34	Pharmacokinetics of ethyl eicosapentaenoate (EPA-E). Journal of Lipid Nutrition, 2015, 24, 21-32.	0.1	0
35	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
36	Analysis of a child who developed abnormal neuropsychiatric symptoms after administration of oseltamivir: a case report. BMC Neurology, 2015, 15, 130.	1.8	15

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37	Luteolin and Quercetin Affect the Cholesterol Absorption Mediated by Epithelial Cholesterol Transporter Niemann-Pick C1-Like 1 in Caco-2 Cells and Rats. PLoS ONE, 2014, 9, e97901.	2.5	73
38	Evaluation of Human Hepatocytes Cultured by Three-dimensional Spheroid Systems for Drug Metabolism. Drug Metabolism and Pharmacokinetics, 2014, 29, 373-378.	2.2	58
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	Role of P-Glycoprotein in Regulating Cilnidipine Distribution to Intact and Ischemic Brain. Drug Metabolism and Pharmacokinetics, 2014, 29, 254-258.	2.2	17
41	Stability of the Oral Formulation in No Packaging State. Iryo Yakugaku (Japanese Journal of Pharmacy) 107, 107-114. DOI: 10.784314	0.1	5
42	Contribution of Radixin to P-Glycoprotein Expression and Transport Activity in Mouse Small Intestine In Vivo. Journal of Pharmaceutical Sciences, 2013, 102, 2875-2881.	3.3	28
43	Foreword. Biological and Pharmaceutical Bulletin, 2013, 36, 691-691.	1.4	2
44	Clinical impact and evidence of pharmacokinetic change by genetic polymorphism. Drug Metabolism and Pharmacokinetics, 2013, 28, 3.	2.2	0
45	Developmental changes of brain distribution and localization of oseltamivir and its active metabolite Ro 64-0802 in rats. Journal of Toxicological Sciences, 2012, 37, 1217-1223.	1.5	8
46	Effect of Knockdown of Ezrin, Radixin, and Moesin on P-Glycoprotein Function in HepG2 Cells. Journal of Pharmaceutical Sciences, 2011, 100, 5308-5314.	3.3	43
47	Oseltamivir (Tamiflu) Is a Substrate of Peptide Transporter 1. Drug Metabolism and Disposition, 2009, 37, 1676-1681.	3.3	50
48	Evaluation of the Inhibitory Effect of Dihydropyridines on N-type Calcium Channel by Virtual Three-dimensional Pharmacophore Modeling. Arzneimittelforschung, 2009, 59, 283-288.	0.4	5
49	Oseltamivir (Tamiflu) Efflux Transport at the Blood-Brain Barrier via P-Glycoprotein. Drug Metabolism and Disposition, 2008, 36, 6-9.	3.3	103
50	What Kinds of Substrates Show P-Glycoprotein-Dependent Intestinal Absorption? Comparison of Verapamil with Vinblastine. Drug Metabolism and Pharmacokinetics, 2006, 21, 238-244.	2.2	54
51	Stereoselective and carrier-mediated transport of monocarboxylic acids across Caco-2 cells. Pharmaceutical Research, 1996, 13, 1828-1832.	3.5	46