

Masahiro Okuda

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

1,461
citations

304368

22
h-index

329751

37
g-index

54
all docs

54
docs citations

54
times ranked

1572
citing authors

#	ARTICLE	IF	CITATIONS
1	Gender differences in expression of organic cation transporter OCT2 in rat kidney. <i>FEBS Letters</i> , 1999, 461, 339-342.	1.3	148
2	Hormonal regulation of organic cation transporter OCT2 expression in rat kidney. <i>FEBS Letters</i> , 2000, 473, 173-176.	1.3	125
3	Functional characterization of the rat multispecific organic anion transporter OAT1 mediating basolateral uptake of anionic drugs in the kidney. <i>FEBS Letters</i> , 1998, 438, 321-324.	1.3	124
4	Japanese antimicrobial consumption surveillance: First report on oral and parenteral antimicrobial consumption in Japan (2009-2013). <i>Journal of Global Antimicrobial Resistance</i> , 2016, 7, 19-23.	0.9	97
5	Methotrexate-Loxoprofen Interaction: Involvement of Human Organic Anion Transporters hOAT1 and hOAT3. <i>Drug Metabolism and Pharmacokinetics</i> , 2004, 19, 369-374.	1.1	86
6	MicroRNA-145 Post-transcriptionally Regulates the Expression and Function of P-glycoprotein in Intestinal Epithelial Cells. <i>Molecular Pharmacology</i> , 2013, 83, 399-405.	1.0	71
7	Distinct characteristics of organic cation transporters, OCT1 and OCT2, in the basolateral membrane of renal tubules. <i>Pharmaceutical Research</i> , 2001, 18, 1528-1534.	1.7	60
8	Drug Repositioning of Proton Pump Inhibitors for Enhanced Efficacy and Safety of Cancer Chemotherapy. <i>Frontiers in Pharmacology</i> , 2017, 8, 911.	1.6	55
9	MicroRNAs as regulators of drug transporters, drug-metabolizing enzymes, and tight junctions: Implication for intestinal barrier function. , 2014, 143, 217-224.		44
10	Co-administration of proton pump inhibitors ameliorates nephrotoxicity in patients receiving chemotherapy with cisplatin and fluorouracil: a retrospective cohort study. <i>Cancer Chemotherapy and Pharmacology</i> , 2017, 79, 943-949.	1.1	38
11	Lansoprazole-Tacrolimus Interaction in Japanese Transplant Recipient with CYP2C19 Polymorphism. <i>Annals of Pharmacotherapy</i> , 2004, 38, 791-794.	0.9	36
12	Decreased Oral Absorption of Cyclosporine A after Liver Ischemia-Reperfusion Injury in Rats: The Contribution of CYP3A and P-Glycoprotein to the First-Pass Metabolism in Intestinal Epithelial Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 328, 249-255.	1.3	35
13	Tadalafil Improves L-NG-Nitroarginine Methyl Ester-Induced Preeclampsia With Fetal Growth Restriction-Like Symptoms in Pregnant Mice. <i>American Journal of Hypertension</i> , 2018, 31, 89-96.	1.0	34
14	Performance evaluation of the compounding robot, APOTECACHemo, for injectable anticancer drugs in a Japanese hospital. <i>Journal of Pharmaceutical Health Care and Sciences</i> , 2017, 3, 12.	0.4	33
15	Evaluation of Basophil CD203c as a Predictor of Carboplatin-Related Hypersensitivity Reaction in Patients with Gynecologic Cancer. <i>Biological and Pharmaceutical Bulletin</i> , 2012, 35, 1487-1495.	0.6	32
16	Carboplatin-induced severe hypersensitivity reaction: Role of IgE-dependent basophil activation and Fc μ RI. <i>Cancer Science</i> , 2014, 105, 1472-1479.	1.7	31
17	Transient up-regulation of P-glycoprotein reduces tacrolimus absorption after ischemia-reperfusion injury in rat ileum. <i>Biochemical Pharmacology</i> , 2005, 69, 561-568.	2.0	27
18	Risk factors contributing to the development of carboplatin-related delayed hypersensitivity reactions in Japanese patients with gynecologic cancers. <i>Cancer Chemotherapy and Pharmacology</i> , 2011, 67, 415-419.	1.1	27

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19	Effect of Genetic Polymorphism of CYP3A5 and CYP2C19 and Concomitant Use of Voriconazole on Blood Tacrolimus Concentration in Patients Receiving Hematopoietic Stem Cell Transplantation. <i>Therapeutic Drug Monitoring</i> , 2015, 37, 581-588.	1.0	27
20	Characteristics of Pemetrexed Transport by Renal Basolateral Organic Anion Transporter hOAT3. <i>Drug Metabolism and Pharmacokinetics</i> , 2014, 29, 148-153.	1.1	26
21	Lansoprazole Exacerbates Pemetrexed-Mediated Hematologic Toxicity by Competitive Inhibition of Renal Basolateral Human Organic Anion Transporter 3. <i>Drug Metabolism and Disposition</i> , 2016, 44, 1543-1549.	1.7	26
22	Interactions of Fluoroquinolone Antibacterials, DX-619 and Levofloxacin, with Creatinine Transport by Renal Organic Cation Transporter hOCT2. <i>Drug Metabolism and Pharmacokinetics</i> , 2006, 21, 432-436.	1.1	24
23	Altered functions and expressions of drug transporters in liver, kidney and intestine in disorders of local and remote organs: possible role of oxidative stress in the pathogenesis. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2009, 5, 907-920.	1.5	24
24	Tadalafil treatment in mice for preeclampsia with fetal growth restriction has neuro-benefic effects in offspring through modulating prenatal hypoxic conditions. <i>Scientific Reports</i> , 2019, 9, 234.	1.6	23
25	Drug Interaction Between Itraconazole and Bortezomib: Exacerbation of Peripheral Neuropathy and Thrombocytopenia Induced by Bortezomib. <i>Pharmacotherapy</i> , 2010, 30, 661-665.	1.2	18
26	A novel approach to predict cetuximab-induced hypersensitivity reaction: detection of drug-specific IgE on basophils. <i>Cancer Medicine</i> , 2016, 5, 1004-1012.	1.3	15
27	Population Pharmacokinetics and Pharmacodynamics of Teicoplanin and C-reactive Protein in Hospitalized Patients With Gram-positive Infections. <i>Clinical Pharmacology in Drug Development</i> , 2020, 9, 175-188.	0.8	15
28	Changes in the pharmacokinetics of teicoplanin in patients with hyperglycaemic hypoalbuminaemia: Impact of albumin glycosylation on the binding of teicoplanin to albumin. <i>International Journal of Antimicrobial Agents</i> , 2015, 46, 164-168.	1.1	14
29	Clinical Utility of Basophil CD203c as a Biomarker for Predicting the Timing of Hypersensitivity Reaction in Carboplatin Rechallenge: Three Case Reports. <i>Clinical Therapeutics</i> , 2016, 38, 1537-1541.	1.1	13
30	Risk factors for the development of hypermagnesemia in patients prescribed magnesium oxide: a retrospective cohort study. <i>Journal of Pharmaceutical Health Care and Sciences</i> , 2019, 5, 4.	0.4	13
31	Concomitant febuxostat enhances methotrexate-induced hepatotoxicity by inhibiting breast cancer resistance protein. <i>Scientific Reports</i> , 2019, 9, 20359.	1.6	13
32	Hepatic Drug Interaction Between Tacrolimus and Lansoprazole in a Bone Marrow Transplant Patient Receiving Voriconazole and Harboring CYP2C19 and CYP3A5 Heterozygous Mutations. <i>Clinical Therapeutics</i> , 2011, 33, 1077-1080.	1.1	11
33	Concomitant lansoprazole ameliorates cisplatin-induced nephrotoxicity by inhibiting renal organic cation transporter 2 in rats. <i>Biopharmaceutics and Drug Disposition</i> , 2020, 41, 239-247.	1.1	11
34	Cellular toxicity of aminoglycoside antibiotics in G418-sensitive and -resistant LLC-PK1 cells. <i>Pharmaceutical Research</i> , 1994, 11, 609-615.	1.7	9
35	Effect of number of medications and complexity of regimens on medication adherence and blood pressure management in hospitalized patients with hypertension. <i>PLoS ONE</i> , 2021, 16, e0252944.	1.1	9
36	An antioxidant Trolox restores decreased oral absorption of cyclosporine A after liver ischemia-reperfusion through distinct mechanisms between CYP3A and P-glycoprotein in the small intestine. <i>European Journal of Pharmacology</i> , 2012, 690, 192-201.	1.7	8

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37	Impact of physician~pharmacist collaborative protocol-based pharmacotherapy management for HIV outpatients: a retrospective cohort study. <i>Journal of Pharmaceutical Health Care and Sciences</i> , 2020, 6, 9.	0.4	7
38	Opioid therapy duration before naldemedine treatment is a significant independent risk of diarrhea: a retrospective cohort study. <i>Journal of Pharmaceutical Health Care and Sciences</i> , 2021, 7, 3.	0.4	6
39	Effect of lipid emulsion infusion on paliperidone pharmacokinetics in the acute overdose rat model: A potential emergency treatment for paliperidone intoxication. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 109, 217-222.	1.9	5
40	Monitoring of peripheral blood cluster of differentiation 4+ adenosine triphosphate activity and CYP3A5 genotype to determine the pharmacokinetics, clinical effects and complications of tacrolimus in patients with autoimmune diseases. <i>Experimental and Therapeutic Medicine</i> , 2017, 15, 532-538.	0.8	5
41	Decreased cellular toxicity of neomycin in a clonal cell line isolated from LLC-PK1. <i>Pharmaceutical Research</i> , 1993, 10, 573-576.	1.7	4
42	Kinetic analysis of p-aminohippurate transport in the OK kidney epithelial cell line. <i>Pharmaceutical Research</i> , 2000, 17, 1155-1157.	1.7	4
43	Arbekacin treatment of a patient infected with a <i>Pseudomonas putida</i> producing a metallo-beta-lactamase. <i>Journal of Intensive Care</i> , 2013, 1, 3.	1.3	4
44	Postoperative Anaemia Is a Risk Factor for Bleeding-Related Event in Thromboprophylaxis Using Fondaparinux Sodium Injection after Total Knee or Hip Arthroplasty. <i>Biological and Pharmaceutical Bulletin</i> , 2020, 43, 266-271.	0.6	4
45	Repositioning of Lansoprazole as a Protective Agent Against Cisplatin-Induced Ototoxicity. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	4
46	Effects of arbekacin and vancomycin on release of lactate dehydrogenase and fragmentation of DNA in LLC-PK1 kidney epithelial cells. <i>Pharmaceutical Research</i> , 1999, 16, 1132-1135.	1.7	3
47	Usefulness of limited sampling strategy for mycophenolic acid area under the curve considering postoperative days in living-donor renal transplant recipients with concomitant prolonged-release tacrolimus. <i>Journal of Pharmaceutical Health Care and Sciences</i> , 2017, 3, 17.	0.4	3
48	Stereoselective Inhibition of Renal Basolateral Human Organic Anion Transporter 3 by Lansoprazole Enantiomers. <i>Pharmacology</i> , 2018, 101, 176-183.	0.9	3
49	Evaluation of Medication Adherence and Pharmacokinetics of Dasatinib for Earlier Molecular Response in Japanese Patients With Newly Diagnosed Chronic Myeloid Leukemia: A Pilot Study. <i>Therapeutic Drug Monitoring</i> , 2019, 41, 575-581.	1.0	3
50	Proton Pump Inhibitors Ameliorate Capecitabine-induced Hand-Foot Syndrome in Patients With Breast Cancer: A Retrospective Study. <i>Anticancer Research</i> , 2022, 42, 2591-2598.	0.5	3
51	Analyses of Risk Factors and Preventive Effect of Antiemetics on Vomiting Induced by Therapy with Cisplatin Suspension in Lipiodol for Hepatocellular Carcinoma. <i>Iryo Yakugaku (Japanese Journal of)</i> Tj ETQq1 1 0.784314 rgBTi/Overlook		
52	Effects of mannitol on serum and red-cell potassium concentrations.. <i>The Journal of Japan Society for Clinical Anesthesia</i> , 1986, 6, 196-203.	0.0	0