

Masahiro Okuda

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

51
papers

1,148
citations

20
h-index

33
g-index

54
ext. papers

1,303
ext. citations

3.9
avg, IF

3.98
L-index

#	Paper	IF	Citations
51	Gender differences in expression of organic cation transporter OCT2 in rat kidney. <i>FEBS Letters</i> , 1999 , 461, 339-42	3.8	130
50	Hormonal regulation of organic cation transporter OCT2 expression in rat kidney. <i>FEBS Letters</i> , 2000 , 473, 173-6	3.8	115
49	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, 321-4	3.8	108
48	Methotrexate-loxoprofen interaction: involvement of human organic anion transporters hOAT1 and hOAT3. <i>Drug Metabolism and Pharmacokinetics</i> , 2004 , 19, 369-74	2.2	76
47	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	3.4	71
46	MicroRNA-145 post-transcriptionally regulates the expression and function of P-glycoprotein in intestinal epithelial cells. <i>Molecular Pharmacology</i> , 2013 , 83, 399-405	4.3	64
45	Distinct characteristics of organic cation transporters, OCT1 and OCT2, in the basolateral membrane of renal tubules. <i>Pharmaceutical Research</i> , 2001 , 18, 1528-34	4.5	53
44	MicroRNAs as regulators of drug transporters, drug-metabolizing enzymes, and tight junctions: implication for intestinal barrier function. <i>Pharmacology & Therapeutics</i> , 2014 , 143, 217-24	13.9	38
43	Drug Repositioning of Proton Pump Inhibitors for Enhanced Efficacy and Safety of Cancer Chemotherapy. <i>Frontiers in Pharmacology</i> , 2017 , 8, 911	5.6	36
42	Lansoprazole-tacrolimus interaction in Japanese transplant recipient with CYP2C19 polymorphism. <i>Annals of Pharmacotherapy</i> , 2004 , 38, 791-4	2.9	32
41	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, 249-55	4.7	29
40	Carboplatin-induced severe hypersensitivity reaction: role of IgE-dependent basophil activation and FcRI. <i>Cancer Science</i> , 2014 , 105, 1472-9	6.9	28
39	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, 1487-95	2.3	28
38	Transient up-regulation of P-glycoprotein reduces tacrolimus absorption after ischemia-reperfusion injury in rat ileum. <i>Biochemical Pharmacology</i> , 2005 , 69, 561-8	6	24
37	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	3.5	23
36	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	1.8	23
35	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, 432-6	2.2	23

34	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, 415-9	3.5	22
33	Characteristics of pemetrexed transport by renal basolateral organic anion transporter hOAT3. <i>Drug Metabolism and Pharmacokinetics</i> , 2014 , 29, 148-53	2.2	21
32	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, 907-20	5.5	21
31	Tadalafil Improves L-NG-Nitroarginine Methyl Ester-Induced Preeclampsia With Fetal Growth Restriction-Like Symptoms in Pregnant Mice. <i>American Journal of Hypertension</i> , 2017 , 31, 89-96	2.3	19
30	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, 581-8	3.2	19
29	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, 1543-9	4	18
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, 164-8	14.3	12
27	A novel approach to predict cetuximab-induced hypersensitivity reaction: detection of drug-specific IgE on basophils. <i>Cancer Medicine</i> , 2016 , 5, 1004-12	4.8	12
26	Drug interaction between itraconazole and bortezomib: exacerbation of peripheral neuropathy and thrombocytopenia induced by bortezomib. <i>Pharmacotherapy</i> , 2010 , 30, 661-5	5.8	11
25	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, 1077-80	3.5	9
24	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	3.5	9
23	Concomitant febusostat enhances methotrexate-induced hepatotoxicity by inhibiting breast cancer resistance protein. <i>Scientific Reports</i> , 2019 , 9, 20359	4.9	8
22	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	4.9	7
21	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	1.8	7
20	Cellular toxicity of aminoglycoside antibiotics in G418-sensitive and -resistant LLC-PK1 cells. <i>Pharmaceutical Research</i> , 1994 , 11, 609-15	4.5	7
19	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	2.3	5
18	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	1.7	4
17	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> , 2018 , 15, 532-538	2.1	4

16	Kinetic analysis of p-aminohippurate transport in the OK kidney epithelial cell line. <i>Pharmaceutical Research</i> , 2000 , 17, 1155-7	4.5	4
15	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	1.8	3
14	Stereoselective Inhibition of Renal Basolateral Human Organic Anion Transporter 3 by Lansoprazole Enantiomers. <i>Pharmacology</i> , 2018 , 101, 176-183	2.3	3
13	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	1.8	3
12	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	5.3	3
11	Decreased cellular toxicity of neomycin in a clonal cell line isolated from LLC-PK1. <i>Pharmaceutical Research</i> , 1993 , 10, 573-6	4.5	3
10	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	2.3	2
9	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	7	2
8	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	5.1	2
7	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, 1132-5	4.5	2
6	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	3.2	2
5	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	1.8	2
4	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 Pharmaceutical Health Care and Sciences)</i> , 2015 , 41, 768-775	0.1	1
3	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	3.7	0
2	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	2.3	0
1	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	