

# Satohiro Masuda

## List of Publications by Citations

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183  
papers

8,160  
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48  
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g-index

191  
ext. papers

9,128  
ext. citations

4  
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5.59  
L-index

#	Paper	IF	Citations
183	Gene expression levels and immunolocalization of organic ion transporters in the human kidney. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2002</b> , 13, 866-874	12.7	405
182	Cellular and molecular aspects of drug transport in the kidney. <i>Kidney International</i> , <b>2000</b> , 58, 944-58	9.9	353
181	Substrate specificity of MATE1 and MATE2-K, human multidrug and toxin extrusions/H(+)-organic cation antiporters. <i>Biochemical Pharmacology</i> , <b>2007</b> , 74, 359-71	6	325
180	Identification and functional characterization of a new human kidney-specific H+/organic cation antiporter, kidney-specific multidrug and toxin extrusion 2. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2006</b> , 17, 2127-35	12.7	309
179	Metformin is a superior substrate for renal organic cation transporter OCT2 rather than hepatic OCT1. <i>Drug Metabolism and Pharmacokinetics</i> , <b>2005</b> , 20, 379-86	2.2	275
178	Cisplatin and oxaliplatin, but not carboplatin and nedaplatin, are substrates for human organic cation transporters (SLC22A1-3 and multidrug and toxin extrusion family). <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2006</b> , 319, 879-86	4.7	256
177	Isolation and characterization of a digoxin transporter and its rat homologue expressed in the kidney. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 3569-74	11.5	243
176	Cerebrospinal fluid concentration of gefitinib and erlotinib in patients with non-small cell lung cancer. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2012</b> , 70, 399-405	3.5	212
175	Differential contribution of organic cation transporters, OCT2 and MATE1, in platinum agent-induced nephrotoxicity. <i>Biochemical Pharmacology</i> , <b>2007</b> , 74, 477-87	6	186
174	C3435T polymorphism in the MDR1 gene affects the enterocyte expression level of CYP3A4 rather than Pgp in recipients of living-donor liver transplantation. <i>Pharmacogenetics and Genomics</i> , <b>2002</b> , 12, 451-7		175
173	Therapeutic Drug Monitoring of Tacrolimus-Personalized Therapy: Second Consensus Report. <i>Therapeutic Drug Monitoring</i> , <b>2019</b> , 41, 261-307	3.2	163
172	CYP3A5*1-carrying graft liver reduces the concentration/oral dose ratio of tacrolimus in recipients of living-donor liver transplantation. <i>Pharmacogenetics and Genomics</i> , <b>2004</b> , 14, 471-8		162
171	Involvement of human multidrug and toxin extrusion 1 in the drug interaction between cimetidine and metformin in renal epithelial cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2009</b> , 329, 185-91	4.7	155
170	An up-date review on individualized dosage adjustment of calcineurin inhibitors in organ transplant patients <b>2006</b> , 112, 184-98		151
169	Cloning and functional characterization of a novel rat organic anion transporter mediating basolateral uptake of methotrexate in the kidney. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 20719-25	5.4	150
168	Progressive graft fibrosis and donor-specific human leukocyte antigen antibodies in pediatric late liver allografts. <i>Liver Transplantation</i> , <b>2012</b> , 18, 1333-42	4.5	132
167	Association between tubular toxicity of cisplatin and expression of organic cation transporter rOCT2 (Slc22a2) in the rat. <i>Biochemical Pharmacology</i> , <b>2005</b> , 70, 1823-31	6	129

166	Down-regulation of rat organic cation transporter rOCT2 by 5/6 nephrectomy. <i>Kidney International</i> , <b>2002</b> , 62, 514-24	9.9	116
165	Molecular cloning, functional characterization and tissue distribution of rat H <sup>+</sup> /organic cation antiporter MATE1. <i>Pharmaceutical Research</i> , <b>2006</b> , 23, 1696-701	4.5	110
164	Identification and functional characterization of a novel human and rat riboflavin transporter, RFT1. <i>American Journal of Physiology - Cell Physiology</i> , <b>2008</b> , 295, C632-41	5.4	107
163	Identification and comparative functional characterization of a new human riboflavin transporter hRFT3 expressed in the brain. <i>Journal of Nutrition</i> , <b>2010</b> , 140, 1220-6	4.1	105
162	Effect of intestinal CYP3A5 on postoperative tacrolimus trough levels in living-donor liver transplant recipients. <i>Pharmacogenetics and Genomics</i> , <b>2006</b> , 16, 119-27	1.9	101
161	SLCO4C1 transporter eliminates uremic toxins and attenuates hypertension and renal inflammation. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2009</b> , 20, 2546-55	12.7	97
160	INNO-406, a novel BCR-ABL/Lyn dual tyrosine kinase inhibitor, suppresses the growth of Ph <sup>+</sup> leukemia cells in the central nervous system, and cyclosporine A augments its in vivo activity. <i>Blood</i> , <b>2007</b> , 109, 306-14	2.2	92
159	Pharmacokinetic and prognostic significance of intestinal MDR1 expression in recipients of living-donor liver transplantation. <i>Clinical Pharmacology and Therapeutics</i> , <b>2001</b> , 69, 308-16	6.1	90
158	Effect of intestinal P-glycoprotein on daily tacrolimus trough level in a living-donor small bowel recipient. <i>Clinical Pharmacology and Therapeutics</i> , <b>2000</b> , 68, 98-103	6.1	88
157	Maternal riboflavin deficiency, resulting in transient neonatal-onset glutaric aciduria Type 2, is caused by a microdeletion in the riboflavin transporter gene GPR172B. <i>Human Mutation</i> , <b>2011</b> , 32, E1976-84	4.7	85
156	Impact of MDR1 and CYP3A5 on the oral clearance of tacrolimus and tacrolimus-related renal dysfunction in adult living-donor liver transplant patients. <i>Pharmacogenetics and Genomics</i> , <b>2008</b> , 18, 413-23	1.9	84
155	Significance of organic cation transporter 3 (SLC22A3) expression for the cytotoxic effect of oxaliplatin in colorectal cancer. <i>Drug Metabolism and Disposition</i> , <b>2008</b> , 36, 2299-306	4	81
154	Expression levels of renal organic anion transporters (OATs) and their correlation with anionic drug excretion in patients with renal diseases. <i>Pharmaceutical Research</i> , <b>2004</b> , 21, 61-7	4.5	80
153	Population pharmacokinetic and pharmacogenomic analysis of tacrolimus in pediatric living-donor liver transplant recipients. <i>Clinical Pharmacology and Therapeutics</i> , <b>2006</b> , 80, 331-45	6.1	79
152	IMMU-09. NIVOLUMAB THERAPY FOR A PEDIATRIC-ONSET PRIMARY INTRACRANIAL MELANOMA. <i>Neuro-Oncology</i> , <b>2020</b> , 22, iii361-iii361	1	78
151	mRNA distribution and membrane localization of the OAT-K1 organic anion transporter in rat renal tubules. <i>FEBS Letters</i> , <b>1997</b> , 407, 127-31	3.8	73
150	Transcellular transport of organic cations in double-transfected MDCK cells expressing human organic cation transporters hOCT1/hMATE1 and hOCT2/hMATE1. <i>Biochemical Pharmacology</i> , <b>2008</b> , 76, 894-903	6	72
149	Molecular Markers of Tubulointerstitial Fibrosis and Tubular Cell Damage in Patients with Chronic Kidney Disease. <i>PLoS ONE</i> , <b>2015</b> , 10, e0136994	3.7	71

148	Therapeutic Drug Monitoring of Everolimus: A Consensus Report. <i>Therapeutic Drug Monitoring</i> , <b>2016</b> , 38, 143-69	3.2	71
147	Conformational change in transfer RNA is an early indicator of acute cellular damage. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2014</b> , 25, 2316-26	12.7	70
146	Protective effect of concomitant administration of imatinib on cisplatin-induced nephrotoxicity focusing on renal organic cation transporter OCT2. <i>Biochemical Pharmacology</i> , <b>2009</b> , 78, 1263-71	6	70
145	Differential localization of organic cation transporters rOCT1 and rOCT2 in the basolateral membrane of rat kidney proximal tubules. <i>Histochemistry and Cell Biology</i> , <b>2000</b> , 114, 175-80	2.4	67
144	Pharmacodynamic analysis of tacrolimus and cyclosporine in living-donor liver transplant patients. <i>Clinical Pharmacology and Therapeutics</i> , <b>2005</b> , 78, 168-81	6.1	66
143	Loss of multidrug and toxin extrusion 1 (MATE1) is associated with metformin-induced lactic acidosis. <i>British Journal of Pharmacology</i> , <b>2012</b> , 166, 1183-91	8.6	65
142	Detection of 22 antiepileptic drugs by ultra-performance liquid chromatography coupled with tandem mass spectrometry applicable to routine therapeutic drug monitoring. <i>Biomedical Chromatography</i> , <b>2012</b> , 26, 1519-28	1.7	65
141	Physiological and pharmacological implications of peptide transporters, PEPT1 and PEPT2. <i>Nephrology Dialysis Transplantation</i> , <b>2000</b> , 15 Suppl 6, 11-3	4.3	62
140	Urinary kidney injury molecule-1 and monocyte chemotactic protein-1 are noninvasive biomarkers of cisplatin-induced nephrotoxicity in lung cancer patients. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2015</b> , 76, 989-96	3.5	55
139	Involvement of autophagy in the pharmacological effects of the mTOR inhibitor everolimus in acute kidney injury. <i>European Journal of Pharmacology</i> , <b>2012</b> , 696, 143-54	5.3	54
138	Distinct characteristics of organic cation transporters, OCT1 and OCT2, in the basolateral membrane of renal tubules. <i>Pharmaceutical Research</i> , <b>2001</b> , 18, 1528-34	4.5	53
137	Immunosuppressive effects of tacrolimus on macrophages ameliorate experimental colitis. <i>Inflammatory Bowel Diseases</i> , <b>2010</b> , 16, 2022-33	4.5	52
136	Efficacy of aprepitant for the prevention of chemotherapy-induced nausea and vomiting with a moderately emetogenic chemotherapy regimen: a multicenter, placebo-controlled, double-blind, randomized study in patients with gynecologic cancer receiving paclitaxel and carboplatin. <i>International Journal of Clinical Oncology</i> , <b>2016</b> , 21, 491-7	4.2	50
135	Precise comparison of protein localization among OCT, OAT, and MATE in human kidney. <i>Journal of Pharmaceutical Sciences</i> , <b>2013</b> , 102, 3302-8	3.9	44
134	Heterozygous variants of multidrug and toxin extrusions (MATE1 and MATE2-K) have little influence on the disposition of metformin in diabetic patients. <i>Pharmacogenetics and Genomics</i> , <b>2010</b> , 20, 135-8	1.9	44
133	Organic anion transporter oatp2-mediated interaction between digoxin and amiodarone in the rat liver. <i>Pharmaceutical Research</i> , <b>2002</b> , 19, 738-43	4.5	44
132	Risk factors for recurrence of primary sclerosing cholangitis after living donor liver transplantation: a single center experience. <i>Digestive Diseases and Sciences</i> , <b>2009</b> , 54, 1347-54	4	43
131	Transport of guanidine compounds by human organic cation transporters, hOCT1 and hOCT2. <i>Biochemical Pharmacology</i> , <b>2009</b> , 77, 1429-36	6	39

130	Intestinal MDR1/ABCB1 level at surgery as a risk factor of acute cellular rejection in living-donor liver transplant patients. <i>Clinical Pharmacology and Therapeutics</i> , <b>2006</b> , 79, 90-102	6.1	39
129	Roles of the jejunum and ileum in the first-pass effect as absorptive barriers for orally administered tacrolimus. <i>Journal of Surgical Research</i> , <b>2002</b> , 103, 215-22	2.5	39
128	Effect of CYP2C19 polymorphisms on the clinical outcome of low-dose clobazam therapy in Japanese patients with epilepsy. <i>European Journal of Clinical Pharmacology</i> , <b>2015</b> , 71, 51-8	2.8	38
127	Pharmacokinetic significance of luminal multidrug and toxin extrusion 1 in chronic renal failure rats. <i>Biochemical Pharmacology</i> , <b>2007</b> , 73, 1482-90	6	38
126	Cloning and characterization of a novel Na <sup>+</sup> -dependent glucose transporter (NaGLT1) in rat kidney. <i>Journal of Biological Chemistry</i> , <b>2003</b> , 278, 14669-76	5.4	37
125	Role of kidney-specific organic anion transporters in the urinary excretion of methotrexate. <i>Kidney International</i> , <b>2001</b> , 60, 1058-68	9.9	37
124	Sodium tauroursodeoxycholate prevents paraquat-induced cell death by suppressing endoplasmic reticulum stress responses in human lung epithelial A549 cells. <i>Biochemical and Biophysical Research Communications</i> , <b>2013</b> , 432, 689-94	3.4	36
123	Tacrolimus therapy as an alternative to thiopurines for maintaining remission in patients with refractory ulcerative colitis. <i>Journal of Clinical Gastroenterology</i> , <b>2011</b> , 45, 526-30	3	35
122	Decreased expression of P-glycoprotein during differentiation in the human intestinal cell line Caco-2. <i>Biochemical Pharmacology</i> , <b>2003</b> , 66, 163-70	6	35
121	Upregulation of H(+)-peptide cotransporter PEPT2 in rat remnant kidney. <i>American Journal of Physiology - Renal Physiology</i> , <b>2001</b> , 281, F1109-16	4.3	35
120	Vancomycin induces reactive oxygen species-dependent apoptosis via mitochondrial cardiolipin peroxidation in renal tubular epithelial cells. <i>European Journal of Pharmacology</i> , <b>2017</b> , 800, 48-56	5.3	34
119	Pharmacokinetic significance of renal OAT3 (SLC22A8) for anionic drug elimination in patients with mesangial proliferative glomerulonephritis. <i>Pharmaceutical Research</i> , <b>2005</b> , 22, 2016-22	4.5	34
118	Distribution characteristics of levofloxacin and grepafloxacin in rat kidney. <i>Pharmaceutical Research</i> , <b>1999</b> , 16, 534-9	4.5	33
117	Impact of intestinal CYP2C19 genotypes on the interaction between tacrolimus and omeprazole, but not lansoprazole, in adult living-donor liver transplant patients. <i>Drug Metabolism and Disposition</i> , <b>2009</b> , 37, 821-6	4	32
116	Distinct inhibitory effects of tacrolimus and cyclosporin a on calcineurin phosphatase activity. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2005</b> , 312, 816-25	4.7	32
115	Comparison of the Anti-tumor Effects of Selective Serotonin Reuptake Inhibitors as Well as Serotonin and Norepinephrine Reuptake Inhibitors in Human Hepatocellular Carcinoma Cells. <i>Biological and Pharmaceutical Bulletin</i> , <b>2015</b> , 38, 1410-4	2.3	31
114	Functional analysis of rat renal organic anion transporter OAT-K1: bidirectional methotrexate transport in apical membrane. <i>FEBS Letters</i> , <b>1999</b> , 459, 128-32	3.8	31
113	Urinary neutrophil gelatinase-associated lipocalin: a useful biomarker for tacrolimus-induced acute kidney injury in liver transplant patients. <i>PLoS ONE</i> , <b>2014</b> , 9, e110527	3.7	30

112	Transcellular transport of creatinine in renal tubular epithelial cell line LLC-PK1. <i>Drug Metabolism and Pharmacokinetics</i> , <b>2005</b> , 20, 200-5	2.2	30
111	Tacrolimus therapy according to mucosal MDR1 levels in small-bowel transplant recipients. <i>Clinical Pharmacology and Therapeutics</i> , <b>2004</b> , 75, 352-61	6.1	29
110	Role of mTOR Inhibitors in Kidney Disease. <i>International Journal of Molecular Sciences</i> , <b>2016</b> , 17,	6.3	29
109	Delayed effect of grapefruit juice on pharmacokinetics and pharmacodynamics of tacrolimus in a living-donor liver transplant recipient. <i>Drug Metabolism and Pharmacokinetics</i> , <b>2006</b> , 21, 122-5	2.2	28
108	Urinary chemokine (C-C motif) ligand 2 (monocyte chemotactic protein-1) as a tubular injury marker for early detection of cisplatin-induced nephrotoxicity. <i>Biochemical Pharmacology</i> , <b>2013</b> , 85, 570-82	6	27
107	Common single nucleotide polymorphisms of the MDR1 gene have no influence on its mRNA expression level of normal kidney cortex and renal cell carcinoma in Japanese nephrectomized patients. <i>Journal of Human Genetics</i> , <b>2004</b> , 49, 40-45	4.3	27
106	Influence of cytochrome P450 (CYP) 3A4*1G polymorphism on the pharmacokinetics of tacrolimus, probability of acute cellular rejection, and mRNA expression level of CYP3A5 rather than CYP3A4 in living-donor liver transplant patients. <i>Biological and Pharmaceutical Bulletin</i> , <b>2013</b> , 36, 1814-21	2.3	26
105	Clinical prospects of biomarkers for the early detection and/or prediction of organ injury associated with pharmacotherapy. <i>Biochemical Pharmacology</i> , <b>2019</b> , 170, 113664	6	25
104	Decreased expression of glucose and peptide transporters in rat remnant kidney. <i>Drug Metabolism and Pharmacokinetics</i> , <b>2004</b> , 19, 41-7	2.2	25
103	Transient up-regulation of P-glycoprotein reduces tacrolimus absorption after ischemia-reperfusion injury in rat ileum. <i>Biochemical Pharmacology</i> , <b>2005</b> , 69, 561-8	6	24
102	Safety and efficacy of PD-1 inhibitors in non-small cell lung cancer patients positive for antinuclear antibodies. <i>Lung Cancer</i> , <b>2019</b> , 130, 5-9	5.9	24
101	Excessive spinal glutamate transmission is involved in oxaliplatin-induced mechanical allodynia: a possibility for riluzole as a prophylactic drug. <i>Scientific Reports</i> , <b>2017</b> , 7, 9661	4.9	23
100	Enhanced expression of enterocyte P-glycoprotein depresses cyclosporine bioavailability in a recipient of living donor liver transplantation. <i>Liver Transplantation</i> , <b>2003</b> , 9, 1108-13	4.5	23
99	Sensitive and validated LC-MS/MS methods to evaluate mycophenolic acid pharmacokinetics and pharmacodynamics in hematopoietic stem cell transplant patients. <i>Biomedical Chromatography</i> , <b>2015</b> , 29, 1309-16	1.7	22
98	Interaction between tacrolimus and lansoprazole, but not rabeprazole in living-donor liver transplant patients with defects of CYP2C19 and CYP3A5. <i>Drug Metabolism and Pharmacokinetics</i> , <b>2008</b> , 23, 134-8	2.2	22
97	Initial dosage adjustment for oral administration of tacrolimus using the intestinal MDR1 level in living-donor liver transplant recipients. <i>Transplantation Proceedings</i> , <b>2005</b> , 37, 1728-9	1.1	22
96	Functional characteristics and pharmacokinetic significance of kidney-specific organic anion transporters, OAT-K1 and OAT-K2, in the urinary excretion of anionic drugs. <i>Drug Metabolism and Pharmacokinetics</i> , <b>2003</b> , 18, 91-103	2.2	21
95	Pirfenidone alleviates lung ischemia-reperfusion injury in a rat model. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2019</b> , 158, 289-296	1.5	21

94	Time Course of Calcium Concentrations and Risk Factors for Hypocalcemia in Patients Receiving Denosumab for the Treatment of Bone Metastases From Cancer. <i>Annals of Pharmacotherapy</i> , <b>2014</b> , 48, 1159-1165	2.9	20
93	mTOR inhibitor everolimus ameliorates progressive tubular dysfunction in chronic renal failure rats. <i>Biochemical Pharmacology</i> , <b>2010</b> , 79, 67-76	6	20
92	Pharmacokinetics and pharmacodynamics of paclitaxel with carboplatin or gemcitabine, and effects of CYP3A5 and MDR1 polymorphisms in patients with urogenital cancers. <i>International Journal of Clinical Oncology</i> , <b>2007</b> , 12, 284-90	4.2	20
91	Impact of cytochrome P450 3A5 polymorphism in graft livers on the frequency of acute cellular rejection in living-donor liver transplantation. <i>Pharmacogenetics and Genomics</i> , <b>2014</b> , 24, 356-66	1.9	19
90	Na(+)-dependent fructose transport via rNaGLT1 in rat kidney. <i>FEBS Letters</i> , <b>2003</b> , 546, 276-80	3.8	19
89	MDR1 haplotypes conferring an increased expression of intestinal CYP3A4 rather than MDR1 in female living-donor liver transplant patients. <i>Pharmaceutical Research</i> , <b>2009</b> , 26, 1590-5	4.5	18
88	Assessment of four methodologies (microparticle enzyme immunoassay, chemiluminescent enzyme immunoassay, affinity column-mediated immunoassay, and flow injection assay-tandem mass spectrometry) for measuring tacrolimus blood concentration in Japanese liver transplant recipients. <i>Transplantation Proceedings</i> , <b>2014</b> , 46, 758-60	1.1	17
87	Inhibitory effect of ciprofloxacin on $\beta$ -glucuronidase-mediated deconjugation of mycophenolic acid glucuronide. <i>Biopharmaceutics and Drug Disposition</i> , <b>2014</b> , 35, 275-83	1.7	17
86	Efficacy and safety of infliximab as rescue therapy for ulcerative colitis refractory to tacrolimus. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , <b>2010</b> , 25, 886-91	4	17
85	Personalized Therapy for Mycophenolate: Consensus Report by the International Association of Therapeutic Drug Monitoring and Clinical Toxicology. <i>Therapeutic Drug Monitoring</i> , <b>2021</b> , 43, 150-200	3.2	17
84	Disruption of Slc52a3 gene causes neonatal lethality with riboflavin deficiency in mice. <i>Scientific Reports</i> , <b>2016</b> , 6, 27557	4.9	16
83	Association between CYP3A5 genotypes in graft liver and increase in tacrolimus biotransformation from steroid treatment in living-donor liver transplant patients. <i>Drug Metabolism and Pharmacokinetics</i> , <b>2014</b> , 29, 83-9	2.2	16
82	Developmental trajectory of intestinal MDR1/ABCB1 mRNA expression in children. <i>British Journal of Clinical Pharmacology</i> , <b>2014</b> , 77, 910-2	3.8	16
81	A retrospective analysis of vancomycin pharmacokinetics in Japanese cancer and non-cancer patients based on routine trough monitoring data. <i>Biological and Pharmaceutical Bulletin</i> , <b>2009</b> , 32, 99-104	2.3	16
80	Relation between mRNA expression level of multidrug resistance 1/ABCB1 in blood cells and required level of tacrolimus in pediatric living-donor liver transplantation. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2008</b> , 325, 610-6	4.7	16
79	Cyclosporine exposure and calcineurin phosphatase activity in living-donor liver transplant patients: twice daily vs. once daily dosing. <i>Liver Transplantation</i> , <b>2006</b> , 12, 292-300	4.5	16
78	Significance of trough monitoring for tacrolimus blood concentration and calcineurin activity in adult patients undergoing primary living-donor liver transplantation. <i>European Journal of Clinical Pharmacology</i> , <b>2012</b> , 68, 259-66	2.8	15
77	Renal tubular secretion of varenicline by multidrug and toxin extrusion (MATE) transporters. <i>Drug Metabolism and Pharmacokinetics</i> , <b>2012</b> , 27, 563-9	2.2	15

76	Gene expression variance based on random sequencing in rat remnant kidney. <i>Kidney International</i> , <b>2004</b> , 66, 29-45	9.9	15
75	Impact of , and Polymorphisms on Trough Concentration to Dose Ratio of Tacrolimus in Allogeneic Hematopoietic Stem Cell Transplantation. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	14
74	Recent Topics on The Mechanisms of Immunosuppressive Therapy-Related Neurotoxicities. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	14
73	Decreased renal accumulation and toxicity of a new VCM formulation in rats with chronic renal failure. <i>Drug Metabolism and Pharmacokinetics</i> , <b>2007</b> , 22, 419-27	2.2	14
72	Expression of peptide transporter following intestinal transplantation in the rat. <i>Journal of Surgical Research</i> , <b>2001</b> , 99, 294-300	2.5	14
71	Biomarkers for individualized dosage adjustments in immunosuppressive therapy using calcineurin inhibitors after organ transplantation. <i>Acta Pharmacologica Sinica</i> , <b>2019</b> , 40, 151-159	8	13
70	Risk Factors for Predicting Severe Neutropenia Induced by Pemetrexed Plus Carboplatin Therapy in Patients with Advanced Non-small Cell Lung Cancer. <i>Biological and Pharmaceutical Bulletin</i> , <b>2015</b> , 38, 1192-8	2.3	13
69	Required transient dose escalation of tacrolimus in living-donor liver transplant recipients with high concentrations of a minor metabolite M-II in bile. <i>Drug Metabolism and Pharmacokinetics</i> , <b>2008</b> , 23, 313-7 <sup>2.2</sup>		13
68	Involvement of riboflavin transporter RFVT2/Slc52a2 in hepatic homeostasis of riboflavin in mice. <i>European Journal of Pharmacology</i> , <b>2013</b> , 714, 281-7	5.3	12
67	Impact of Cyclin B2 and Cell division cycle 2 on tubular hyperplasia in progressive chronic renal failure rats. <i>American Journal of Physiology - Renal Physiology</i> , <b>2010</b> , 298, F923-34	4.3	11
66	Analysis of the variable factors influencing tacrolimus blood concentration during the switch from continuous intravenous infusion to oral administration after allogeneic hematopoietic stem cell transplantation. <i>International Journal of Hematology</i> , <b>2017</b> , 105, 361-368	2.3	10
65	Inter-laboratory Variability of Current Immunoassay Methods for Tacrolimus among Japanese Hospitals. <i>Biological and Pharmaceutical Bulletin</i> , <b>2016</b> , 39, 1331-7	2.3	10
64	Significant effect of age on docetaxel pharmacokinetics in Japanese female breast cancer patients by using the population modeling approach. <i>European Journal of Clinical Pharmacology</i> , <b>2016</b> , 72, 703-10 <sup>2.8</sup>		9
63	Absence of influence of concomitant administration of rabeprazole on the pharmacokinetics of tacrolimus in adult living-donor liver transplant patients: a case-control study. <i>Drug Metabolism and Pharmacokinetics</i> , <b>2009</b> , 24, 458-63	2.2	9
62	Effect of intestinal and hepatic first-pass extraction on the pharmacokinetics of everolimus in rats. <i>Drug Metabolism and Pharmacokinetics</i> , <b>2008</b> , 23, 469-75	2.2	9
61	Protective Effects of Imatinib on Ischemia/Reperfusion Injury in Rat Lung. <i>Annals of Thoracic Surgery</i> , <b>2016</b> , 102, 1717-1724	2.7	9
60	Evaluation of Teicoplanin Trough Values After the Recommended Loading Dose in Children With Associated Safety Analysis. <i>Pediatric Infectious Disease Journal</i> , <b>2017</b> , 36, 398-400	3.4	8
59	Association of lenvatinib plasma concentration with clinical efficacy and adverse events in patients with hepatocellular carcinoma. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2020</b> , 86, 803-813	3.5	8



58	Continuous monitoring of neutrophils to lymphocytes ratio for estimating the onset, severity, and subsequent prognosis of immune related adverse events. <i>Scientific Reports</i> , <b>2021</b> , 11, 1324	4.9	8
57	Evaluation of teicoplanin concentrations and safety analysis in neonates. <i>International Journal of Antimicrobial Agents</i> , <b>2014</b> , 44, 458-62	14.3	7
56	Impact of glutathione S-transferase T1 gene polymorphisms on acute cellular rejection in living donor liver transplantation. <i>Transplant Immunology</i> , <b>2013</b> , 28, 14-7	1.7	7
55	Calcineurin inhibitors exacerbate coronary arteritis via the MyD88 signalling pathway in a murine model of Kawasaki disease. <i>Clinical and Experimental Immunology</i> , <b>2017</b> , 190, 54-67	6.2	7
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