Frans G M Russel

List of Publications by Year
in descending order

280	11,121	31976	46799
papers	citations	53 h-index	89 g-index

291	291	291	12316
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Prediction of Moxifloxacin Concentrations in Tuberculosis Patient Populations by Physiologically Based Pharmacokinetic Modeling. Journal of Clinical Pharmacology, 2022, 62, 385-396.	2.0	4
2	The hepatocyte export carrier inhibition assay improves the separation of hepatotoxic from non-hepatotoxic compounds. Chemico-Biological Interactions, 2022, 351, 109728.	4.0	18
3	Dissecting Drug-Induced Cytotoxicity and Metabolic Dysfunction in Conditionally Immortalized Human Proximal Tubule Cells. Frontiers in Toxicology, 2022, 4, 842396.	3.1	3
4	Restoring cellular NAD(P)H levels by PPARÎ± and LXRÎ± stimulation to improve mitochondrial complex I deficiency. Life Sciences, 2022, 300, 120571.	4.3	0
5	Determination of cytotoxicity following oxidative treatment of pharmaceutical residues in wastewater. Chemosphere, 2022, 303, 135022.	8.2	3
6	Comment on â€œA severe linezolidâ€induced rhabdomyolysis and lactic acidosis in Leigh syndromeâ€. Journal of Inherited Metabolic Disease, 2021, 44, 6-7.	3.6	2
7	Placental disposition of eculizumab, C5 and C5â€eculizumab in two pregnancies of a woman with paroxysmal nocturnal haemoglobinuria. British Journal of Clinical Pharmacology, 2021, 87, 2128-2131.	2.4	6
8	Toxicity of anticancer drugs in human placental tissue explants and trophoblast cell lines. Archives of Toxicology, 2021, 95, 557-571.	4.2	19
9	Transfer of uremic solutes across the human term placenta: An ex vivo study in the dual-side perfused cotyledon. Placenta, 2021, 104, 220-231.	1.5	3
10	Physiologically based pharmacokinetic/pharmacodynamic model for the prediction of morphine brain disposition and analgesia in adults and children. PLoS Computational Biology, 2021, 17, e1008786.	3.2	12
11	Nephroscreen: A robust and versatile renal tubule-on-a-chip platform for nephrotoxicity assessment. Current Opinion in Toxicology, 2021, 25, 42-48.	5.0	6
12	Stimulation of cholesterol biosynthesis in mitochondrial complex I-deficiency lowers reductive stress and improves motor function and survival in mice. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2021, 1867, 166062.	3.8	7
13	Thermal plasma activation and UV/H2O2 oxidative degradation of pharmaceutical residues. Environmental Research, 2021, 195, 110884.	7.5	15
14	Implementation of a Human Renal Proximal Tubule on a Chip for Nephrotoxicity and Drug Interaction Studies. Journal of Pharmaceutical Sciences, 2021, 110, 1601-1614.	3.3	54
15	Application of proteomics to understand maturation of drug metabolizing enzymes and transporters for the optimization of pediatric drug therapy. Drug Discovery Today: Technologies, 2021, 39, 31-48.	4.0	11
16	Differences in P-glycoprotein activity in human and rodent bloodâ€“brain barrier assessed by mechanistic modelling. Archives of Toxicology, 2021, 95, 3015-3029.	4.2	13
17	Personal exposure assessment of pesticides in residents: The association between hand wipes and urinary biomarkers. Environmental Research, 2021, 199, 111282.	7.5	13
18	Ontogeny of Small Intestinal Drug Transporters and Metabolizing Enzymes Based on Targeted Quantitative Proteomics. Drug Metabolism and Disposition, 2021, 49, 1038-1046.	3.3	20

#	Article	IF	Citations
19	Flow stimulates drug transport in a human kidney proximal tubule-on-a-chip independent of primary cilia. Biochimica Et Biophysica Acta - General Subjects, 2020, 1864, 129433.	2.4	48
20	Assessment of Maternal and Fetal Dolutegravir Exposure by Integrating Ex Vivo Placental Perfusion Data and Physiologicallyâ€Based Pharmacokinetic Modeling. Clinical Pharmacology and Therapeutics, 2020, 107, 1352-1361.	4.7	30
21	Brothers in Arms: ABCA1- and ABCG1-Mediated Cholesterol Efflux as Promising Targets in Cardiovascular Disease Treatment. Pharmacological Reviews, 2020, 72, 152-190.	16.0	89
22	Oxidative degradation of cyclophosphamide using thermal plasma activation and UV/H2O2 treatment in tap water. Environmental Research, 2020, 182, 109046.	7.5	19
23	Completing the Enalaprilat Excretion Pathwayâ€"Renal Handling by the Proximal Tubule. Pharmaceutics, 2020, 12, 935.	4.5	4
24	Rifampicin Transport by OATP1B1 Variants. Antimicrobial Agents and Chemotherapy, 2020, 64, .	3.2	4
25	Developmental patterns in human bloodâ€"brain barrier and bloodâ€"cerebrospinal fluid barrier ABCÂdrug transporter expression. Histochemistry and Cell Biology, 2020, 154, 265-273.	1.7	25
26	Transfer of daclatasvir and sofosbuvirâ€™s main metabolite, GS-331007, across the human placenta exÂvivo. American Journal of Obstetrics and Gynecology, 2020, 223, 941-943.	1.3	3
27	Human multidrug resistance protein 4 (MRP4) is a cellular efflux transporter for paracetamol glutathione and cysteine conjugates. Archives of Toxicology, 2020, 94, 3027-3032.	4.2	19
28	Effects of clofibrate and KH176 on life span and motor function in mitochondrial complex I-deficient mice. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2020, 1866, 165727.	3.8	15
29	Assessment of Placental Disposition of Infliximab and Etanercept in Women With Autoimmune Diseases and in the Ex Vivo Perfused Placenta. Clinical Pharmacology and Therapeutics, 2020, 108, 99-106.	4.7	18
30	Safety of drug use in patients with a primary mitochondrial disease: An international Delphiâ€based consensus. Journal of Inherited Metabolic Disease, 2020, 43, 800-818.	3.6	42
31	Physiologically-based pharmacokinetic models for children: Starting to reach maturation?. , 2020, 211, 107541.		90
32	Chloroquine Dosing Recommendations for Pediatric COVIDâ€19 Supported by Modeling and Simulation. Clinical Pharmacology and Therapeutics, 2020, 108, 248-252.	4.7	27
33	A Randomized Trial of Distal Diuretics versus Dietary Sodium Restriction for Hypertension in Chronic Kidney Disease. Journal of the American Society of Nephrology: JASN, 2020, 31, 650-662.	6.1	35
34	Toxicokinetics of a urinary metabolite of tebuconazole following controlled oral and dermal administration in human volunteers. Archives of Toxicology, 2019, 93, 2545-2553.	4.2	19
35	To be or not to be pink(1): contradictory findings in an animal model for Parkinsonâ€™s disease. Brain Communications, 2019, 1, fcz016.	3.3	22
36	Review article: directâ€acting antivirals for the treatment of HCV during pregnancy and lactation â€• implications for maternal dosing, foetal exposure, and safety for mother and child. Alimentary Pharmacology and Therapeutics, 2019, 50, 738-750.	3.7	35

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37	Development of a physiologically-based pharmacokinetic pediatric brain model for prediction of cerebrospinal fluid drug concentrations and the influence of meningitis. PLoS Computational Biology, 2019, 15, e1007117.	3.2	26
38	Differential effects of psychoactive substances on human wildtype and polymorphic T356M dopamine transporters (DAT). Toxicology, 2019, 422, 69-75.	4.2	10
39	Evaluating darunavir/ritonavir dosing regimens for HIV-positive pregnant women using semi-mechanistic pharmacokinetic modelling. Journal of Antimicrobial Chemotherapy, 2019, 74, 1348-1356.	3.0	8
40	Organic anion transporters 1 and 3 influence cellular energy metabolism in renal proximal tubule cells. Biological Chemistry, 2019, 400, 1347-1358.	2.5	14
41	Uremic solutes modulate hepatic bile acid handling and induce mitochondrial toxicity. Toxicology in Vitro, 2019, 56, 52-61.	2.4	22
42	Biomarker Use for Advanced Screening of Drug-Induced Kidney Injury. , 2019, , 93-99.		0
43	Placental disposition of the immunosuppressive drug tacrolimus in renal transplant recipients and in ex vivo perfused placental tissue. European Journal of Pharmaceutical Sciences, 2018, 119, 244-248.	4.0	20
44	Development of a mechanistic biokinetic model for hepatic bile acid handling to predict possible cholestatic effects of drugs. European Journal of Pharmaceutical Sciences, 2018, 115, 175-184.	4.0	12
45	A Mechanism-Based Population Pharmacokinetic Analysis Assessing the Feasibility of Efavirenz Dose Reduction to 400Âmg in Pregnant Women. Clinical Pharmacokinetics, 2018, 57, 1421-1433.	3.5	6
46	Expression of Organic Anion Transporter 1 or 3 in Human Kidney Proximal Tubule Cells Reduces Cisplatin Sensitivity. Drug Metabolism and Disposition, 2018, 46, 592-599.	3.3	34
47	The Role of Efflux Pumps in Tuberculosis Treatment and Their Promise as a Target in Drug Development: Unraveling the Black Box. Annual Review of Pharmacology and Toxicology, 2018, 58, 271-291.	9.4	43
48	Statins Affect Skeletal Muscle Performance: Evidence for Disturbances in Energy Metabolism. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 75-84.	3.6	44
49	Parenteral bilirubin in healthy volunteers: a reintroduction in translational research. British Journal of Clinical Pharmacology, 2018, 84, 268-279.	2.4	15
50	Prediction of Fetal Darunavir Exposure by Integrating Human Ex-Vivo Placental Transfer and Physiologically Based Pharmacokinetic Modeling. Clinical Pharmacokinetics, 2018, 57, 705-716.	3.5	43
51	Urine collection methods for non-toilet-trained children in biological monitoring studies: Validation of a disposable diaper for characterization of tebuconazole exposure. Toxicology Letters, 2018, 298, 201-206.	0.8	14
52	Diseaseâ€Associated Changes in Drug Transporters May Impact the Pharmacokinetics and/or Toxicity of Drugs: A White Paper From the International Transporter Consortium. Clinical Pharmacology and Therapeutics, 2018, 104, 900-915.	4.7	91
53	Screening of Drug-Transporter Interactions in a 3D Microfluidic Renal Proximal Tubule on a Chip. AAPS Journal, 2018, 20, 87.	4.4	72
54	Experimental study of diclofenac and its biliary metabolites on anastomotic healing. BJS Open, 2018, 2, 220-228.	1.7	1

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55	Editorâ€™s Highlight: Placental Disposition and Effects of Crizotinib: An Ex Vivo Study in the Isolated Dual-Side Perfused Human Cotyledon. Toxicological Sciences, 2017, 157, 500-509.	3.1	19
56	Effects of a human recombinant alkaline phosphatase during impaired mitochondrial function in human renal proximal tubule epithelial cells. European Journal of Pharmacology, 2017, 796, 149-157.	3.5	9
57	Therapeutic effects of the mitochondrial ROS-redox modulator KH176 in a mammalian model of Leigh Disease. Scientific Reports, 2017, 7, 11733.	3.3	33
58	Mild intracellular acidification by dexamethasone attenuates mitochondrial dysfunction in a human inflammatory proximal tubule epithelial cell model. Scientific Reports, 2017, 7, 10623.	3.3	3
59	Flucloxacillin Results in Suboptimal Plasma Voriconazole Concentrations. Antimicrobial Agents and Chemotherapy, 2017, 61, .	3.2	17
60	Proguanil and cycloguanil are organic cation transporter and multidrug and toxin extrusion substrates. Malaria Journal, 2017, 16, 422.	2.3	17
61	Uremic Solutes in Chronic Kidney Disease and Their Role in Progression. PLoS ONE, 2016, 11, e0168117.	2.5	20
62	Multidrug ATPâ€binding cassette transporters are essential for hepatic development of Plasmodium sporozoites. Cellular Microbiology, 2016, 18, 369-383.	2.1	24
63	First reported use of elvitegravir and cobicistat during pregnancy. Aids, 2016, 30, 807-808.	2.2	20
64	The effect of dipyridamole on the pharmacokinetics of metformin: a randomized crossover study in healthy volunteers. European Journal of Clinical Pharmacology, 2016, 72, 725-730.	1.9	9
65	Development of a mechanistic biokinetic model describing hepatic bile acid handling to predict possible cholestatic effects of drugs. Toxicology Letters, 2016, 258, S47.	0.8	0
66	Moxifloxacin Is a Potent In Vitro Inhibitor of OCT- and MATE-Mediated Transport of Metformin and Ethambutol. Antimicrobial Agents and Chemotherapy, 2016, 60, 7105-7114.	3.2	24
67	Cathepsin L is crucial for the development of early experimental diabetic nephropathy. Kidney International, 2016, 90, 1012-1022.	5.2	55
68	Substantially lowered dolutegravir exposure in a treatment-experienced perinatally HIV-1-infected pregnant woman. Aids, 2016, 30, 1999-2001.	2.2	10
69	<scp>MRP</scp>1 mediates folate transport and antifolate sensitivity in Plasmodium falciparum. FEBS Letters, 2016, 590, 482-492.	2.8	13
70	Protective Efficacy Induced by Genetically Attenuated Mid-to-Late Liver-Stage Arresting Plasmodium berghei Î”mrp2 Parasites. American Journal of Tropical Medicine and Hygiene, 2016, 95, 378-382.	1.4	8
71	Vital and dispensable roles of Plasmodium multidrug resistance transporters during bloodâ€and mosquitoâ€stage development. Molecular Microbiology, 2016, 101, 78-91.	2.5	10
72	Gait analysis in a mouse model resembling Leigh disease. Behavioural Brain Research, 2016, 296, 191-198.	2.2	19

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73	Inhibitory Potential of Antifungal Drugs on ATP-Binding Cassette Transporters P-Glycoprotein, MRP1 to MRP5, BCRP, and BSEP. Antimicrobial Agents and Chemotherapy, 2016, 60, 3372-3379.	3.2	80
74	Heterogeneous transport of digitalis-like compounds by P-glycoprotein in vesicular and cellular assays. Toxicology in Vitro, 2016, 32, 138-145.	2.4	7
75	Inhibitory potential of tuberculosis drugs on ATP-binding cassette drug transporters. Tuberculosis, 2016, 96, 150-157.	1.9	38
76	Placental transfer of the HIV integrase inhibitor dolutegravir in anex vivohuman cotyledon perfusion model. Journal of Antimicrobial Chemotherapy, 2016, 71, 480-483.	3.0	34
77	Physiologically Based Modelling of Darunavir/Ritonavir Pharmacokinetics During Pregnancy. Clinical Pharmacokinetics, 2016, 55, 381-396.	3.5	40
78	Mitochondrial ADP/ATP exchange inhibition: a novel off-target mechanism underlying ibipinabant-induced myotoxicity. Scientific Reports, 2015, 5, 14533.	3.3	17
79	Salvia Miltiorrhiza Root Water-Extract (Danshen) Has No Beneficial Effect on Cardiovascular Risk Factors. A Randomized Double-Blind Cross-Over Trial. PLoS ONE, 2015, 10, e0128695.	2.5	11
80	Statin Lactonization by Uridine 5â€²-Diphospho-glucuronosyltransferases (UGTs). Molecular Pharmaceutics, 2015, 12, 4048-4055.	4.6	41
81	Exposure to Total and Protein-Unbound Rifampin Is Not Affected by Malnutrition in Indonesian Tuberculosis Patients. Antimicrobial Agents and Chemotherapy, 2015, 59, 3233-3239.	3.2	22
82	PfMDR2 and PfMDR5 are dispensable for Plasmodium falciparum asexual parasite multiplication but change in vitro susceptibility to anti-malarial drugs. Malaria Journal, 2015, 14, 76.	2.3	17
83	Aggregate dermal exposure to cyclic siloxanes in personal care products: Implications for risk assessment. Environment International, 2015, 74, 231-239.	10.0	33
84	Mitoenergetic Dysfunction Triggers a Rapid Compensatory Increase in Steady-State Glucose Flux. Biophysical Journal, 2015, 109, 1372-1386.	0.5	45
85	Feline hepatic biotransformation of diazepam: Differences between cats and dogs. Research in Veterinary Science, 2015, 103, 119-125.	1.9	15
86	Statin-Induced Myopathy Is Associated with Mitochondrial Complex III Inhibition. Cell Metabolism, 2015, 22, 399-407.	16.2	180
87	Atovaquone and quinine anti-malarials inhibit ATP binding cassette transporter activity. Malaria Journal, 2014, 13, 359.	2.3	43
88	Application of urine proteomics for biomarker discovery in drug-induced liver injury. Critical Reviews in Toxicology, 2014, 44, 823-841.	3.9	25
89	Convallatoxin: A new P-glycoprotein substrate. European Journal of Pharmacology, 2014, 744, 18-27.	3.5	12
90	Na⁺,K⁺-ATPase Isoform Selectivity for Digitalis-Like Compounds Is Determined by Two Amino Acids in the First Extracellular Loop. Chemical Research in Toxicology, 2014, 27, 2082-2092.	3.3	18

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91	Including carrier-mediated transport in oral uptake prediction of nutrients and pharmaceuticals in humans. Environmental Toxicology and Pharmacology, 2014, 38, 938-947.	4.0	3
92	Proteomic profiling in incubation medium of mouse, rat and human precisionâ€cut liver slices for biomarker detection regarding acute drugâ€induced liver injury. Journal of Applied Toxicology, 2014, 34, 993-1001.	2.8	9
93	Sensitive Method for Quantification of Octamethylcyclotetrasiloxane (D4) and Decamethylcyclopentasiloxane (D5) in End-Exhaled Air by Thermal Desorption Gas Chromatography Mass Spectrometry. Analytical Chemistry, 2014, 86, 5794-5799.	6.5	10
94	In Silico Identification and in Vitro Validation of Potential Cholestatic Compounds through 3D Ligand-Based Pharmacophore Modeling of BSEP Inhibitors. Chemical Research in Toxicology, 2014, 27, 873-881.	3.3	28
95	cCMP is a substrate for MRP5. Naunyn-Schmiedeberg's Archives of Pharmacology, 2014, 387, 893-895.	3.0	22
96	KRIPO â€“ a structure-based pharmacophores approach explains polypharmacological effects. Journal of Cheminformatics, 2014, 6, O26.	6.1	8
97	Alternating Hemiplegia of Childhood mutations have a differential effect on Na+,K+-ATPase activity and ouabain binding. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 1010-1016.	3.8	26
98	Interaction of Digitalis-Like Compounds with Liver Uptake Transporters NTCP, OATP1B1, and OATP1B3. Molecular Pharmaceutics, 2014, 11, 1844-1855.	4.6	32
99	Renal glucuronidation and multidrug resistance protein 2-/ multidrug resistance protein 4-mediated efflux of mycophenolic acid: interaction with cyclosporine and tacrolimus. Translational Research, 2014, 164, 46-56.	5.0	29
100	Biochemical characterization of sporadic/familial hemiplegic migraine mutations. Biochimica Et Biophysica Acta - Biomembranes, 2014, 1838, 1693-1700.	2.6	12
101	Delayed cutaneous wound closure in HO â€2 deficient mice despite normal HO â€1 expression. Journal of Cellular and Molecular Medicine, 2014, 18, 2488-2498.	3.6	14
102	Multidrug resistance protein 4/ ATP binding cassette transporter 4: a new potential therapeutic target for acute myeloid leukemia. Oncotarget, 2014, 5, 9308-9321.	1.8	29
103	Semi-mechanistic physiologically-based pharmacokinetic modeling of clinical glibenclamide pharmacokinetics and drugâ€“drug-interactions. European Journal of Pharmaceutical Sciences, 2013, 49, 819-828.	4.0	19
104	Biomarkers for methotrexate-induced liver injury: Urinary protein profiling of psoriasis patients. Toxicology Letters, 2013, 221, 219-224.	0.8	24
105	Interaction of immunosuppressive drugs with human organic anion transporter (OAT) 1 and OAT3, and multidrug resistance-associated protein (MRP) 2 andÂMRP4. Translational Research, 2013, 162, 398-409.	5.0	61
106	Drug-Drug Interactions between Rosuvastatin and Oral Antidiabetic Drugs Occurring at the Level of OATP1B1. Drug Metabolism and Disposition, 2013, 41, 592-601.	3.3	56
107	AMAP, the alleged non-toxic isomer of acetaminophen, is toxic in rat and human liver. Archives of Toxicology, 2013, 87, 155-165.	4.2	46
108	Familial hemiplegic migraine mutations affect Na,K-ATPase domain interactions. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2013, 1832, 2173-2179.	3.8	14

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109	Urinary proteomic profiling reveals diclofenac-induced renal injury and hepatic regeneration in mice. Toxicology and Applied Pharmacology, 2013, 269, 141-149.	2.8	11
110	Usage patterns of personal care products: Important factors for exposure assessment. Food and Chemical Toxicology, 2013, 55, 8-17.	3.6	169
111	Hyperuricemia influences tryptophan metabolism via inhibition of multidrug resistance protein 4 (MRP4) and breast cancer resistance protein (BCRP). Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2013, 1832, 1715-1722.	3.8	46
112	Endocrine Disruptors Differentially Target ATP-Binding Cassette Transporters in the Blood-Testis Barrier and Affect Leydig Cell Testosterone Secretion In Vitro. Toxicological Sciences, 2013, 136, 382-391.	3.1	96
113	Interaction of Digitalis-Like Compounds with P-Glycoprotein. Toxicological Sciences, 2013, 131, 502-511.	3.1	27
114	The feline bile salt export pump: a structural and functional comparison with canine and human Bsep/BSEP. BMC Veterinary Research, 2013, 9, 259.	1.9	10
115	Glutathione Status and the Renal Elimination of Inorganic Mercury in the Mrp2â^'/â^' Mouse. PLoS ONE, 2013, 8, e73559.	2.5	22
116	Heme Oxygenase-1 and Breast Cancer Resistance Protein Protect Against Hemeinduced Toxicity. Current Pharmaceutical Design, 2013, 19, 2698-2707.	1.9	19
117	Analysis of Renal Transporters. AAPS Advances in the Pharmaceutical Sciences Series, 2013, , 235-256.	0.6	0
118	Acute Acetaminophen Intoxication Leads to Hepatic Iron Loading by Decreased Hepcidin Synthesis. Toxicological Sciences, 2012, 129, 225-233.	3.1	17
119	Transport of the Coumarin Metabolite 7-Hydroxycoumarin Glucuronide Is Mediated via Multidrug Resistance-Associated Proteins 3 and 4. Drug Metabolism and Disposition, 2012, 40, 1076-1079.	3.3	13
120	In Silico Identification of Potential Cholestasis-Inducing Agents via Modeling of Na+-Dependent Taurocholate Cotransporting Polypeptide Substrate Specificity. Toxicological Sciences, 2012, 129, 35-48.	3.1	29
121	Localization of breast cancer resistance protein (Bcrp) in endocrine organs and inhibition of its transport activity by steroid hormones. Cell and Tissue Research, 2012, 349, 551-563.	2.9	47
122	Exploiting Transport Activity of P-Glycoprotein at the Bloodâ€“Brain Barrier for the Development of Peripheral Cannabinoid Type 1 Receptor Antagonists. Molecular Pharmaceutics, 2012, 9, 1351-1360.	4.6	17
123	Na,K-ATPase activity modulates Src activation: A role for ATP/ADP ratio. Biochimica Et Biophysica Acta - Biomembranes, 2012, 1818, 1269-1273.	2.6	56
124	Regulatory Pathways for ATP-binding Cassette Transport Proteins in Kidney Proximal Tubules. AAPS Journal, 2012, 14, 883-894.	4.4	56
125	Identification of Novel Translational Urinary Biomarkers for Acetaminophen-Induced Acute Liver Injury Using Proteomic Profiling in Mice. PLoS ONE, 2012, 7, e49524.	2.5	10
126	Differential effects of sulfonylurea derivatives on vascular ATP-sensitive potassium channels. European Journal of Pharmacology, 2012, 681, 75-79.	3.5	5

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127	Phenylalanine 368 of multidrug resistance-associated protein 4 (MRP4/ABCC4) plays a crucial role in substrate-specific transport activity. Biochemical Pharmacology, 2012, 84, 366-373.	4.4	29
128	Modeling mitochondrial dysfunctions in the brain: from mice to men. Journal of Inherited Metabolic Disease, 2012, 35, 193-210.	3.6	26
129	Cannabinoid Type 1 Receptor Antagonists Modulate Transport Activity of Multidrug Resistance-Associated Proteins MRP1, MRP2, MRP3, and MRP4. Drug Metabolism and Disposition, 2011, 39, 1294-1302.	3.3	32
130	Multidrug Resistance Protein 4 (MRP4/ABCC4) Regulates cAMP Cellular Levels and Controls Human Leukemia Cell Proliferation and Differentiation. Journal of Biological Chemistry, 2011, 286, 6979-6988.	3.4	142
131	Renal Excretion and Accumulation Kinetics of 2-Methylbenzoylglycine in the Isolated Perfused Rat Kidney. Journal of Pharmacy and Pharmacology, 2011, 48, 560-565.	2.4	5
132	Saturable Urinary Excretion Kinetics of Famotidine in the Dog. Journal of Pharmacy and Pharmacology, 2011, 49, 288-292.	2.4	10
133	Disposition of 4-Methylbenzoylglycine in Rat Isolated Perfused Kidney and Effects of Hippurates on Renal Mitochondrial Metabolism. Journal of Pharmacy and Pharmacology, 2011, 50, 1397-1404.	2.4	3
134	Mass Spectrometry Analysis of Hepcidin Peptides in Experimental Mouse Models. PLoS ONE, 2011, 6, e16762.	2.5	25
135	Renal Tubular Excretion of the N4-Acetyl Metabolites of Sulphasomidine and Sulphadimethoxine in the Dog. Journal of Pharmacy and Pharmacology, 2011, 45, 614-617.	2.4	2
136	Preserved Response to Diuretics in Rosiglitazone-Treated Subjects With Insulin Resistance: A Randomized Double-Blind Placebo-Controlled Crossover Study. Clinical Pharmacology and Therapeutics, 2011, 89, 587-594.	4.7	10
137	Interaction of fluvastatin with the liver-specific Na+-dependent taurocholate cotransporting polypeptide (NTCP). European Journal of Pharmaceutical Sciences, 2011, 44, 487-496.	4.0	40
138	Urinary protein profiling in hyperactive delirium and non-delirium cardiac surgery ICU patients. Proteome Science, 2011, 9, 13.	1.7	5
139	Rapid, Nongenomic Stimulation of Multidrug Resistance Protein 2 (Mrp2) Activity by Glucocorticoids in Renal Proximal Tubule. Journal of Pharmacology and Experimental Therapeutics, 2011, 338, 362-371.	2.5	17
140	Effect of Drugs on Renal Development. Clinical Journal of the American Society of Nephrology: CJASN, 2011, 6, 212-217.	4.5	62
141	Uremic Toxins Inhibit Transport by Breast Cancer Resistance Protein and Multidrug Resistance Protein 4 at Clinically Relevant Concentrations. PLoS ONE, 2011, 6, e18438.	2.5	113
142	Vitamin A equivalency and apparent absorption of Î²-carotene in ileostomy subjects using a dual-isotope dilution technique. British Journal of Nutrition, 2010, 103, 1836-1843.	2.3	22
143	Deficiency of Either P-Glycoprotein or Breast Cancer Resistance Protein Protect against Acute Kidney Injury. Cell Transplantation, 2010, 19, 1195-1208.	2.5	10
144	Transporters: Importance in Drug Absorption, Distribution, and Removal. , 2010, , 27-49.		33

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145	Novel conditionally immortalized human proximal tubule cell line expressing functional influx and efflux transporters. Cell and Tissue Research, 2010, 339, 449-457.	2.9	167
146	Therapeutic implications of renal anionic drug transporters. , 2010, 126, 200-216.		81
147	The ABCs of multidrug resistance in malaria. Trends in Parasitology, 2010, 26, 440-446.	3.3	81
148	Regulation of P-Glycoprotein in Renal Proximal Tubule Epithelial Cells by LPS and TNF-Î±. Journal of Biomedicine and Biotechnology, 2010, 2010, 1-10.	3.0	33
149	The Heme-Heme Oxygenase System in Wound Healing; Implications for Scar Formation. Current Drug Targets, 2010, 11, 1571-1585.	2.1	28
150	The Role of ATP Binding Cassette Transporters in Tissue Defense and Organ Regeneration. Journal of Pharmacology and Experimental Therapeutics, 2009, 328, 3-9.	2.5	154
151	Curcuminâ€induced fibroblast apoptosis and in vitro wound contraction are regulated by antioxidants and heme oxygenase: implications for scar formation. Journal of Cellular and Molecular Medicine, 2009, 13, 712-725.	3.6	96
152	Localization of the ATP-binding cassette (ABC) transport proteins PfMRP1, PfMRP2, and PfMDR5 at the Plasmodium falciparum plasma membrane. Malaria Journal, 2009, 8, 205.	2.3	41
153	Selective iNOS inhibition for the treatment of sepsis-induced acute kidney injury. Nature Reviews Nephrology, 2009, 5, 629-640.	9.6	151
154	Alkaline phosphatase treatment improves renal function in severe sepsis or septic shock patients*. Critical Care Medicine, 2009, 37, 417-e1.	0.9	140
155	Vitamin A equivalency of Î²-carotene in healthy adults: limitation of the extrinsic dual-isotope dilution technique to measure matrix effect. British Journal of Nutrition, 2009, 101, 1837-1845.	2.3	19
156	Involvement of VDAC, Bax and Ceramides in the Efflux of AIF from Mitochondria during Curcumin-Induced Apoptosis. PLoS ONE, 2009, 4, e6688.	2.5	62
157	Common Genotypic Polymorphisms in Glutathione S-Transferases in Mild and Severe Falciparum Malaria in Tanzanian Children. American Journal of Tropical Medicine and Hygiene, 2009, 81, 363-365.	1.4	8
158	Short-term beneficial effects of methylene blue on kidney damage in septic shock patients. Intensive Care Medicine, 2008, 34, 350-354.	8.2	17
159	The kinetic and biological activity of different loaded rhBMPâ€2 calcium phosphate cement implants in rats. Journal of Biomedical Materials Research - Part A, 2008, 87A, 780-791.	4.0	80
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