

Markus Keiser

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.

32
papers

1,114
citations

20
h-index

33
g-index

34
ext. papers

1,249
ext. citations

5.5
avg, IF

3.95
L-index

#	Paper	IF	Citations
32	Hepatic uptake of the magnetic resonance imaging contrast agent Gd-EOB-DTPA: role of human organic anion transporters. <i>Drug Metabolism and Disposition</i> , 2010 , 38, 1024-8	4	191
31	Visualization of hepatic uptake transporter function in healthy subjects by using gadoxetic acid-enhanced MR imaging. <i>Radiology</i> , 2012 , 264, 741-50	20.5	106
30	Influence of the flavonoids apigenin, kaempferol, and quercetin on the function of organic anion transporting polypeptides 1A2 and 2B1. <i>Biochemical Pharmacology</i> , 2010 , 80, 1746-53	6	104
29	Expression, regulation and function of intestinal drug transporters: an update. <i>Biological Chemistry</i> , 2017 , 398, 175-192	4.5	66
28	Pharmaceutical excipients influence the function of human uptake transporting proteins. <i>Molecular Pharmaceutics</i> , 2012 , 9, 2577-81	5.6	53
27	Steroid hormones specifically modify the activity of organic anion transporting polypeptides. <i>European Journal of Pharmaceutical Sciences</i> , 2012 , 47, 774-80	5.1	48
26	Compound heterozygous mutations affect protein folding and function in patients with congenital sucrase-isomaltase deficiency. <i>Gastroenterology</i> , 2009 , 136, 883-92	13.3	42
25	Novel mutations in the human sucrase-isomaltase gene (SI) that cause congenital carbohydrate malabsorption. <i>Human Mutation</i> , 2006 , 27, 119	4.7	42
24	Characterization of the intestinal and hepatic uptake/efflux transport of the magnetic resonance imaging contrast agent gadolinium-ethoxylbenzyl-diethylenetriamine-pentaacetic acid. <i>Investigative Radiology</i> , 2014 , 49, 78-86	10.1	40
23	The Organic Anion-Transporting Peptide 2B1 Is Localized in the Basolateral Membrane of the Human Jejunum and Caco-2 Monolayers. <i>Journal of Pharmaceutical Sciences</i> , 2017 , 106, 2657-2663	3.9	37
22	Role of organic anion-transporting polypeptides for cellular mesalazine (5-aminosalicylic acid) uptake. <i>Drug Metabolism and Disposition</i> , 2011 , 39, 1097-102	4	36
21	Impact of efavirenz on intestinal metabolism and transport: insights from an interaction study with ezetimibe in healthy volunteers. <i>Clinical Pharmacology and Therapeutics</i> , 2012 , 91, 506-13	6.1	30
20	A CRISPR-Cas9 Generated MDCK Cell Line Expressing Human MDR1 Without Endogenous Canine MDR1 (cABCB1): An Improved Tool for Drug Efflux Studies. <i>Journal of Pharmaceutical Sciences</i> , 2017 , 106, 2909-2913	3.9	26
19	Expression of drug transporters and drug metabolizing enzymes in the bladder urothelium in man and affinity of the bladder spasmolytic trospium chloride to transporters likely involved in its pharmacokinetics. <i>Molecular Pharmaceutics</i> , 2015 , 12, 171-8	5.6	26
18	The Nonmetabolized β -Blocker Nadolol Is a Substrate of OCT1, OCT2, MATE1, MATE2-K, and P-Glycoprotein, but Not of OATP1B1 and OATP1B3. <i>Molecular Pharmaceutics</i> , 2016 , 13, 512-9	5.6	23
17	OATP1B3 is expressed in pancreatic β let cells and enhances the insulinotropic effect of the sulfonylurea derivative glibenclamide. <i>Diabetes</i> , 2014 , 63, 775-84	0.9	22
16	Altered folding, turnover, and polarized sorting act in concert to define a novel pathomechanism of congenital sucrase-isomaltase deficiency. <i>Journal of Biological Chemistry</i> , 2006 , 281, 14393-9	5.4	22

15	Metabolic activation and analgesic effect of flupirtine in healthy subjects, influence of the polymorphic NAT2, UGT1A1 and GSTP1. <i>British Journal of Clinical Pharmacology</i> , 2015 , 79, 501-13	3.8	20
14	Pharmacokinetic and pharmacodynamic interactions between the immunosuppressant sirolimus and the lipid-lowering drug ezetimibe in healthy volunteers. <i>Clinical Pharmacology and Therapeutics</i> , 2010 , 87, 663-7	6.1	20
13	Impaired trafficking and subcellular localization of a mutant lactase associated with congenital lactase deficiency. <i>Gastroenterology</i> , 2009 , 136, 2295-303	13.3	20
12	Affinity of Ketamine to Clinically Relevant Transporters. <i>Molecular Pharmaceutics</i> , 2018 , 15, 326-331	5.6	17
11	Effects of frequently used pharmaceutical excipients on the organic cation transporters 1-3 and peptide transporters 1/2 stably expressed in MDCKII cells. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017 , 112, 187-195	5.7	15
10	The Ussing Chamber Assay to Study Drug Metabolism and Transport in the Human Intestine. <i>Current Protocols in Pharmacology</i> , 2017 , 77, 7.17.1-7.17.19	4.1	15
9	Congenital and putatively acquired forms of sucrase-isomaltase deficiency in infancy: effects of sacrosidase therapy. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2009 , 49, 485-7	2.8	15
8	Expression of Organic Anion Transporting Polypeptide 1A2 in Red Blood Cells and Its Potential Impact on Antimalarial Therapy. <i>Drug Metabolism and Disposition</i> , 2016 , 44, 1562-8	4	15
7	Pharmacokinetics and Pulmonary Distribution of Clarithromycin and Rifampicin after Concomitant and Consecutive Administration in Foals. <i>Molecular Pharmaceutics</i> , 2016 , 13, 1089-99	5.6	14
6	A LC-MS/MS method to evaluate the hepatic uptake of the liver-specific magnetic resonance imaging contrast agent gadoxetate (Gd-EOB-DTPA) in vitro and in humans. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012 , 891-892, 20-6	3.2	13
5	A modified lipid composition in Fabry disease leads to an intracellular block of the detergent-resistant membrane-associated dipeptidyl peptidase IV. <i>Journal of Inherited Metabolic Disease</i> , 2010 , 33, 445-9	5.4	12
4	Drug interactions between the immunosuppressant tacrolimus and the cholesterol absorption inhibitor ezetimibe in healthy volunteers. <i>Clinical Pharmacology and Therapeutics</i> , 2011 , 89, 524-8	6.1	11
3	Targeting OCT3 attenuates doxorubicin-induced cardiac injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	7
2	Pharmacological indices and pulmonary distribution of rifampicin after repeated oral administration in healthy foals. <i>Equine Veterinary Journal</i> , 2017 , 49, 618-623	2.4	4
1	Methoden zur Transportercharakterisierung in primären Hepatozyten. <i>BioSpektrum</i> , 2015 , 21, 188-190	0.1	