

# Markus Keiser

## List of Publications by Year in descending order

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33  
papers

1,372  
citations

304701

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414395

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times ranked

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#	ARTICLE	IF	CITATIONS
1	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, 1024-1028.	3.3	210
2	Visualization of Hepatic Uptake Transporter Function in Healthy Subjects by Using Gadoteric Acid-enhanced MR Imaging. <i>Radiology</i> , 2012, 264, 741-750.	7.3	123
3	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, 1746-1753.	4.4	121
4	Expression, regulation and function of intestinal drug transporters: an update. <i>Biological Chemistry</i> , 2017, 398, 175-192.	2.5	85
5	Pharmaceutical Excipients Influence the Function of Human Uptake Transporting Proteins. <i>Molecular Pharmaceutics</i> , 2012, 9, 2577-2581.	4.6	62
6	Compound Heterozygous Mutations Affect Protein Folding and Function in Patients With Congenital Sucrase-Isomaltase Deficiency. <i>Gastroenterology</i> , 2009, 136, 883-892.	1.3	60
7	Steroid hormones specifically modify the activity of organic anion transporting polypeptides. <i>European Journal of Pharmaceutical Sciences</i> , 2012, 47, 774-780.	4.0	57
8	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.	3.3	51
9	Novel mutations in the human sucrase-isomaltase gene (SI) that cause congenital carbohydrate malabsorption. <i>Human Mutation</i> , 2006, 27, 119-119.	2.5	50
10	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.	6.2	43
11	Role of Organic Anion-Transporting Polypeptides for Cellular Mesalazine (5-Aminosalicylic Acid) Uptake. <i>Drug Metabolism and Disposition</i> , 2011, 39, 1097-1102.	3.3	40
12	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, 506-513.	4.7	38
13	The Nonmetabolized $\beta$ -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, 512-519.	4.6	33
14	Targeting OCT3 attenuates doxorubicin-induced cardiac injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	33
15	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.	3.3	31
16	OATP1B3 Is Expressed in Pancreatic $\beta$ -Islet Cells and Enhances the Insulinotropic Effect of the Sulfonylurea Derivative Glibenclamide. <i>Diabetes</i> , 2014, 63, 775-784.	0.6	29
17	Expression of Drug Transporters and Drug Metabolizing Enzymes in the Bladder Urothelium in Man and Affinity of the Bladder Spasmolytic Trosipium Chloride to Transporters Likely Involved in Its Pharmacokinetics. <i>Molecular Pharmaceutics</i> , 2015, 12, 171-178.	4.6	29
18	Metabolic activation and analgesic effect of flupirtine in healthy subjects, influence of the polymorphic NAT2, <i>UGT1A1</i> and GSTP1. <i>British Journal of Clinical Pharmacology</i> , 2015, 79, 501-513.	2.4	26

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19	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.	4.0	25
20	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, 14393-14399.	3.4	24
21	Impaired Trafficking and Subcellular Localization of a Mutant Lactase Associated With Congenital Lactase Deficiency. <i>Gastroenterology</i> , 2009, 136, 2295-2303.	1.3	23
22	Effects of frequently used pharmaceutical excipients on the organic cation transporters 1 and peptide transporters 1/2 stably expressed in MDCKII cells. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2017, 112, 187-195.	4.3	23
23	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, 663-667.	4.7	22
24	Affinity of Ketamine to Clinically Relevant Transporters. <i>Molecular Pharmaceutics</i> , 2018, 15, 326-331.	4.6	22
25	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, 1562-1568.	3.3	19
26	Pharmacokinetics and Pulmonary Distribution of Clarithromycin and Rifampicin after Concomitant and Consecutive Administration in Foals. <i>Molecular Pharmaceutics</i> , 2016, 13, 1089-1099.	4.6	18
27	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, 485-487.	1.8	16
28	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, 20-26.	2.3	15
29	Drug Interactions Between the Immunosuppressant Tacrolimus and the Cholesterol Absorption Inhibitor Ezetimibe in Healthy Volunteers. <i>Clinical Pharmacology and Therapeutics</i> , 2011, 89, 524-528.	4.7	13
30	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, 445-449.	3.6	12
31	Expression and Functional Contribution of Different Organic Cation Transporters to the Cellular Uptake of Doxorubicin into Human Breast Cancer and Cardiac Tissue. <i>International Journal of Molecular Sciences</i> , 2022, 23, 255.	4.1	11
32	Pharmacological indices and pulmonary distribution of rifampicin after repeated oral administration in healthy foals. <i>Equine Veterinary Journal</i> , 2017, 49, 618-623.	1.7	8
33	Establishing a platform of uptake transporters in HEK-293 cells for the analysis of possible drug-drug interactions. <i>Toxicology Letters</i> , 2017, 280, S108.	0.8	0