

# Markus Keiser

## List of Publications by Year in Descending Order

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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 | Targeting OCT3 attenuates doxorubicin-induced cardiac injury. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,   | 11.5 | 7         |
| 31 | Affinity of Ketamine to Clinically Relevant Transporters. <i>Molecular Pharmaceutics</i> , <b>2018</b> , 15, 326-331  | 5.6  | 17        |
| 30 | Pharmacological indices and pulmonary distribution of rifampicin after repeated oral administration in healthy foals. <i>Equine Veterinary Journal</i> , <b>2017</b> , 49, 618-623  | 2.4  | 4         |
| 29 | 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> , <b>2017</b> , 106, 2657-2663  | 3.9  | 37        |
| 28 | 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> , <b>2017</b> , 106, 2909-2913  | 3.9  | 26        |
| 27 | 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> , <b>2017</b> , 112, 187-195   | 5.7  | 15        |
| 26 | The Ussing Chamber Assay to Study Drug Metabolism and Transport in the Human Intestine. <i>Current Protocols in Pharmacology</i> , <b>2017</b> , 77, 7.17.1-7.17.19   | 4.1  | 15        |
| 25 | Expression, regulation and function of intestinal drug transporters: an update. <i>Biological Chemistry</i> , <b>2017</b> , 398, 175-192  | 4.5  | 66        |
| 24 | Pharmacokinetics and Pulmonary Distribution of Clarithromycin and Rifampicin after Concomitant and Consecutive Administration in Foals. <i>Molecular Pharmaceutics</i> , <b>2016</b> , 13, 1089-99  | 5.6  | 14        |
| 23 | 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> , <b>2016</b> , 13, 512-9  | 5.6  | 23        |
| 22 | Expression of Organic Anion Transporting Polypeptide 1A2 in Red Blood Cells and Its Potential Impact on Antimalarial Therapy. <i>Drug Metabolism and Disposition</i> , <b>2016</b> , 44, 1562-8   | 4    | 15        |
| 21 | Methoden zur Transportercharakterisierung in primären Hepatozyten. <i>BioSpektrum</i> , <b>2015</b> , 21, 188-190   | 0.1  |           |
| 20 | Expression of drug transporters and drug metabolizing enzymes in the bladder urothelium in man and affinity of the bladder spasmolytic tiroprium chloride to transporters likely involved in its pharmacokinetics. <i>Molecular Pharmaceutics</i> , <b>2015</b> , 12, 171-8                     | 5.6  | 26        |
| 19 | 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> , <b>2015</b> , 79, 501-13  | 3.8  | 20        |
| 18 | OATP1B3 is expressed in pancreatic $\beta$ let cells and enhances the insulinotropic effect of the sulfonylurea derivative glibenclamide. <i>Diabetes</i> , <b>2014</b> , 63, 775-84  | 0.9  | 22        |
| 17 | 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> , <b>2014</b> , 49, 78-86  | 10.1 | 40        |
| 16 | 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> , <b>2012</b> , 891-892, 20-6 | 3.2  | 13        |

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|----|---|------|-----|
| 15 | Pharmaceutical excipients influence the function of human uptake transporting proteins. <i>Molecular Pharmaceutics</i> , <b>2012</b> , 9, 2577-81   | 5.6  | 53  |
| 14 | Steroid hormones specifically modify the activity of organic anion transporting polypeptides. <i>European Journal of Pharmaceutical Sciences</i> , <b>2012</b> , 47, 774-80   | 5.1  | 48  |
| 13 | Visualization of hepatic uptake transporter function in healthy subjects by using gadoxetic acid-enhanced MR imaging. <i>Radiology</i> , <b>2012</b> , 264, 741-50  | 20.5 | 106 |
| 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> , <b>2012</b> , 91, 506-13                 | 6.1  | 30  |
| 11 | Drug interactions between the immunosuppressant tacrolimus and the cholesterol absorption inhibitor ezetimibe in healthy volunteers. <i>Clinical Pharmacology and Therapeutics</i> , <b>2011</b> , 89, 524-8                  | 6.1  | 11  |
| 10 | Role of organic anion-transporting polypeptides for cellular mesalazine (5-aminosalicylic acid) uptake. <i>Drug Metabolism and Disposition</i> , <b>2011</b> , 39, 1097-102   | 4    | 36  |
| 9  | Pharmacokinetic and pharmacodynamic interactions between the immunosuppressant sirolimus and the lipid-lowering drug ezetimibe in healthy volunteers. <i>Clinical Pharmacology and Therapeutics</i> , <b>2010</b> , 87, 663-7 | 6.1  | 20  |
| 8  | Hepatic uptake of the magnetic resonance imaging contrast agent Gd-EOB-DTPA: role of human organic anion transporters. <i>Drug Metabolism and Disposition</i> , <b>2010</b> , 38, 1024-8                                      | 4    | 191 |
| 7  | 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> , <b>2010</b> , 33, 445-9 | 5.4  | 12  |
| 6  | Influence of the flavonoids apigenin, kaempferol, and quercetin on the function of organic anion transporting polypeptides 1A2 and 2B1. <i>Biochemical Pharmacology</i> , <b>2010</b> , 80, 1746-53                           | 6    | 104 |
| 5  | Congenital and putatively acquired forms of sucrase-isomaltase deficiency in infancy: effects of sacrosidase therapy. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , <b>2009</b> , 49, 485-7                    | 2.8  | 15  |
| 4  | Compound heterozygous mutations affect protein folding and function in patients with congenital sucrase-isomaltase deficiency. <i>Gastroenterology</i> , <b>2009</b> , 136, 883-92  | 13.3 | 42  |
| 3  | Impaired trafficking and subcellular localization of a mutant lactase associated with congenital lactase deficiency. <i>Gastroenterology</i> , <b>2009</b> , 136, 2295-303  | 13.3 | 20  |
| 2  | Novel mutations in the human sucrase-isomaltase gene (SI) that cause congenital carbohydrate malabsorption. <i>Human Mutation</i> , <b>2006</b> , 27, 119   | 4.7  | 42  |
| 1  | 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> , <b>2006</b> , 281, 14393-9             | 5.4  | 22  |