

Stefan Oswald

List of Publications by Year in descending order

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65
papers

2,725
citations

172457

29
h-index

189892

50
g-index

68
all docs

68
docs citations

68
times ranked

2701
citing authors

#	ARTICLE	IF	CITATIONS
1	Protein Abundance of Clinically Relevant Multidrug Transporters along the Entire Length of the Human Intestine. <i>Molecular Pharmaceutics</i> , 2014, 11, 3547-3555.	4.6	211
2	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
3	Organic anion transporting polypeptide 2B1 is a high-affinity transporter for atorvastatin and is expressed in the human heart. <i>Clinical Pharmacology and Therapeutics</i> , 2006, 80, 607-620.	4.7	189
4	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
5	Protein Abundance of Clinically Relevant Drug-metabolizing Enzymes in the Human Liver and Intestine: A Comparative Analysis in Paired Tissue Specimens. <i>Clinical Pharmacology and Therapeutics</i> , 2018, 104, 515-524.	4.7	106
6	Intestinal expression of P-glycoprotein (ABCB1), multidrug resistance associated protein 2 (ABCC2), and uridine diphosphate-glucuronosyltransferase 1A1 predicts the disposition and modulates the effects of the cholesterol absorption inhibitor ezetimibe in humans. <i>Clinical Pharmacology and Therapeutics</i> , 2006, 79, 206-217.	4.7	94
7	Absolute protein quantification of clinically relevant cytochrome P450 enzymes and UDP-glucuronosyltransferases by mass spectrometry-based targeted proteomics. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 100, 393-401.	2.8	93
8	Protein Abundance of Clinically Relevant Drug Transporters in the Human Liver and Intestine: A Comparative Analysis in Paired Tissue Specimens. <i>Clinical Pharmacology and Therapeutics</i> , 2019, 105, 1204-1212.	4.7	92
9	Disposition of ezetimibe is influenced by polymorphisms of the hepatic uptake carrier OATP1B1. <i>Pharmacogenetics and Genomics</i> , 2008, 18, 559-568.	1.5	87
10	Expression, regulation and function of intestinal drug transporters: an update. <i>Biological Chemistry</i> , 2017, 398, 175-192.	2.5	85
11	A LC-MS/MS method to quantify the novel cholesterol lowering drug ezetimibe in human serum, urine and feces in healthy subjects genotyped for SLCO1B1. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 830, 143-150.	2.3	68
12	Human Platelets Express Organic Anion-Transporting Peptide 2B1, an Uptake Transporter for Atorvastatin. <i>Drug Metabolism and Disposition</i> , 2009, 37, 1129-1137.	3.3	59
13	Oral Absorption of Clarithromycin Is Nearly Abolished by Chronic Comedication of Rifampicin in Foals. <i>Drug Metabolism and Disposition</i> , 2011, 39, 1643-1649.	3.3	52
14	Mass Spectrometry-Based Targeted Proteomics as a Tool to Elucidate the Expression and Function of Intestinal Drug Transporters. <i>AAPS Journal</i> , 2013, 15, 1128-1140.	4.4	52
15	Expression of clinically relevant drug-metabolizing enzymes along the human intestine and their correlation to drug transporters and nuclear receptors: An intra-subject analysis. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2019, 124, 245-255.	2.5	52
16	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
17	Quantitative chiral and achiral determination of ketamine and its metabolites by LC-MS/MS in human serum, urine and fecal samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 139, 87-97.	2.8	46
18	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

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19	Disposition and sterol-lowering effect of ezetimibe are influenced by single-dose coadministration of rifampin, an inhibitor of multidrug transport proteins. <i>Clinical Pharmacology and Therapeutics</i> , 2006, 80, 477-485.	4.7	41
20	Dysregulation of Mucosal Membrane Transporters and Drug-Metabolizing Enzymes in Ulcerative Colitis. <i>Journal of Pharmaceutical Sciences</i> , 2019, 108, 1035-1046.	3.3	41
21	Organic Anion Transporting Polypeptide (OATP) transporter expression, localization and function in the human intestine. , 2019, 195, 39-53.		39
22	LC-MS/MS method for the simultaneous determination of clarithromycin, rifampicin and their main metabolites in horse plasma, epithelial lining fluid and broncho-alveolar cells. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 55, 194-201.	2.8	38
23	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
24	Induction of Human Intestinal and Hepatic Organic Anion Transporting Polypeptides: Where Is the Evidence for Its Relevance in Drug-Drug Interactions?. <i>Drug Metabolism and Disposition</i> , 2020, 48, 205-216.	3.3	36
25	Quantitative characterization of UDP-glucuronosyltransferase 2B17 in human liver and intestine and its role in testosterone first-pass metabolism. <i>Biochemical Pharmacology</i> , 2018, 156, 32-42.	4.4	35
26	Clarithromycin Is Absorbed by an Intestinal Uptake Mechanism That Is Sensitive to Major Inhibition by Rifampicin: Results of a Short-Term Drug Interaction Study in Foals. <i>Drug Metabolism and Disposition</i> , 2012, 40, 522-528.	3.3	34
27	Protein Abundance of Clinically Relevant Drug Transporters in The Human Kidneys. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5303.	4.1	34
28	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
29	Gas Plasma-Conditioned Ringer's Lactate Enhances the Cytotoxic Activity of Cisplatin and Gemcitabine in Pancreatic Cancer In Vitro and In Ovo. <i>Cancers</i> , 2020, 12, 123.	3.7	32
30	Disposition and Sterol-Lowering Effect of Ezetimibe in Multidrug Resistance-Associated Protein 2-Deficient Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 318, 1293-1299.	2.5	31
31	Clinically Relevant Multidrug Transporters Are Regulated by microRNAs along the Human Intestine. <i>Molecular Pharmaceutics</i> , 2017, 14, 2245-2253.	4.6	31
32	Comparative Hepatic and Intestinal Efflux Transport of Statins. <i>Drug Metabolism and Disposition</i> , 2021, 49, 750-759.	3.3	31
33	Ketamine metabolites with antidepressant effects: Fast, economical, and eco-friendly enantioselective separation based on supercritical-fluid chromatography (SFC) and single quadrupole MS detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 146, 410-419.	2.8	30
34	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
35	In Vivo Probes of Drug Transport: Commonly Used Probe Drugs to Assess Function of Intestinal P-glycoprotein (ABCB1) in Humans. <i>Handbook of Experimental Pharmacology</i> , 2011, , 403-447.	1.8	28
36	Intestinal drug transporters in pathological states: an overview. <i>Pharmacological Reports</i> , 2020, 72, 1173-1194.	3.3	28

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37	Regulation of Drug Transport Proteinsâ€”From Mechanisms to Clinical Impact: A White Paper on Behalf of the International Transporter Consortium. <i>Clinical Pharmacology and Therapeutics</i> , 2022, 112, 461-484.	4.7	26
38	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
39	Transcriptional and Post-Transcriptional Regulation of Duodenal P-Glycoprotein and MRP2 in Healthy Human Subjects after Chronic Treatment with Rifampin and Carbamazepine. <i>Molecular Pharmaceutics</i> , 2019, 16, 3823-3830.	4.6	24
40	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
41	Affinity of Ketamine to Clinically Relevant Transporters. <i>Molecular Pharmaceutics</i> , 2018, 15, 326-331.	4.6	22
42	OATP1A2 and OATP2B1 Are Interacting with Dopamine-Receptor Agonists and Antagonists. <i>Molecular Pharmaceutics</i> , 2020, 17, 1987-1995.	4.6	22
43	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
44	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
45	Extendedâ€”release but not immediateâ€”release and subcutaneous methyl naltrexone antagonizes the loperamideâ€”induced delay of wholeâ€”gut transit time in healthy subjects. <i>Journal of Clinical Pharmacology</i> , 2016, 56, 239-245.	2.0	17
46	Rapid LCâ€”MS/MS method for the determination of 4-hydroxycholesterol/cholesterol ratio in serum as endogenous biomarker for CYP3A activity in human and foals. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1033-1034, 193-199.	2.3	17
47	The orphan solute carrier SLC10A7 is a novel negative regulator of intracellular calcium signaling. <i>Scientific Reports</i> , 2020, 10, 7248.	3.3	17
48	A LCâ€”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
49	Oral absorption of propiverine solution and of the immediate and extended release dosage forms: influence of regioselective intestinal elimination. <i>European Journal of Clinical Pharmacology</i> , 2008, 64, 1085-1092.	1.9	13
50	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
51	Pretransplant 4Î²-hydroxycholesterol does not predict tacrolimus exposure or dose requirements during the first days after kidney transplantation. <i>British Journal of Clinical Pharmacology</i> , 2017, 83, 2406-2415.	2.4	13
52	The reference liver â€” ABC and SLC drug transporters in healthy donor and metastatic livers. <i>Pharmacological Reports</i> , 2019, 71, 738-745.	3.3	13
53	Monocarboxylate Transporter 1 (MCT1) in Liver Pathology. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1606.	4.1	13
54	LCâ€”MS/MS method for the determination of clodronate in human plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 100, 341-347.	2.8	12

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55	Extrahepatic Drug Transporters in Liver Failure: Focus on Kidney and Gastrointestinal Tract. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5737.	4.1	11
56	Membrane Carriers and Transporters in Kidney Physiology and Disease. <i>Biomedicines</i> , 2021, 9, 426.	3.2	11
57	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
58	Synergistic influence of Abcb1 and Abcc2 on disposition and sterol lowering effects of ezetimibe in rats. <i>Journal of Pharmaceutical Sciences</i> , 2010, 99, 422-429.	3.3	10
59	LC-MS/MS method for the simultaneous quantification of intestinal CYP and UGT activity. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 155, 194-201.	2.8	9
60	Organic Cation Transporter 1 an Intestinal Uptake Transporter: Fact or Fiction?. <i>Frontiers in Pharmacology</i> , 2021, 12, 648388.	3.5	9
61	Disposition of the cholesterol absorption inhibitor ezetimibe in mdr1a/b (Δ/Δ) mice. <i>Journal of Pharmaceutical Sciences</i> , 2007, 96, 3478-3484.	3.3	7
62	Impact of kidney dysfunction on hepatic and intestinal drug transporters. <i>Biomedicine and Pharmacotherapy</i> , 2021, 143, 112125.	5.6	7
63	Quantitative determination of methyl naltrexone in human serum using liquid chromatography-tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 56, 1079-1084.	2.8	2
64	Hepatic drug-metabolizing enzymes and drug transporters in Wilson's disease patients with liver failure. <i>Pharmacological Reports</i> , 2021, 73, 1427-1438.	3.3	2
65	Investigation of Relative Contribution of Intestinal and Hepatic UGT2B17 on Testosterone First-Pass Metabolism. <i>FASEB Journal</i> , 2018, 32, 564.17.	0.5	1