Joachim Geyer

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Organic Cation Transporter I and Na ⁺ /taurocholate Coâ€Transporting Polypeptide are Involved in Retrorsine―and Senecionineâ€Induced Hepatotoxicity in HepaRG cells. Molecular Nutrition and Food Research, 2022, 66, e2100800.	3.3	4
2	Multitasking Na+/Taurocholate Cotransporting Polypeptide (NTCP) as a Drug Target for HBV Infection: From Protein Engineering to Drug Discovery. Biomedicines, 2022, 10, 196.	3.2	11
3	IFITM3 Interacts with the HBV/HDV Receptor NTCP and Modulates Virus Entry and Infection. Viruses, 2022, 14, 727.	3.3	11
4	Urinary cortisol metabolites are reduced in MDR1 mutant dogs in a pilot targeted GCâ€MS urinary steroid hormone metabolome analysis. Journal of Veterinary Pharmacology and Therapeutics, 2022, , .	1.3	1
5	Role of the Steroid Sulfate Uptake Transporter Soat (Slc10a6) in Adipose Tissue and 3T3-L1 Adipocytes. Frontiers in Molecular Biosciences, 2022, 9, 863912.	3.5	1
6	Cloning and Functional Characterization of Dog OCT1 and OCT2: Another Step in Exploring Species Differences in Organic Cation Transporters. International Journal of Molecular Sciences, 2022, 23, 5100.	4.1	1
7	Tyrosine 146 of the Human Na+/Taurocholate Cotransporting Polypeptide (NTCP) Is Essential for Its Hepatitis B Virus (HBV) Receptor Function and HBV Entry into Hepatocytes. Viruses, 2022, 14, 1259.	3.3	6
8	Long-term trans-inhibition of the hepatitis B and D virus receptor NTCP by taurolithocholic acid. American Journal of Physiology - Renal Physiology, 2021, 320, G66-G80.	3.4	11
9	Hepatitis D Virus Entry Inhibitors Based on Repurposing Intestinal Bile Acid Reabsorption Inhibitors. Viruses, 2021, 13, 666.	3.3	8
10	Sequencing of the Canine Cytochrome P450 CYP2C41 Gene and Genotyping of Its Polymorphic Occurrence in 36 Dog Breeds. Frontiers in Veterinary Science, 2021, 8, 663175.	2.2	8
11	Substrate Specificities and Inhibition Pattern of the Solute Carrier Family 10 Members NTCP, ASBT and SOAT. Frontiers in Molecular Biosciences, 2021, 8, 689757.	3.5	17
12	Functional and Pharmacological Comparison of Human and Mouse Na+/Taurocholate Cotransporting Polypeptide (NTCP). SLAS Discovery, 2021, 26, 1055-1064.	2.7	3
13	Mutational Analysis of the CXXXG/A Motifs in the Human Na+/Taurocholate Co-Transporting Polypeptide NTCP on Its Bile Acid Transport Function and Hepatitis B/D Virus Receptor Function. Frontiers in Molecular Biosciences, 2021, 8, 699443.	3.5	10
14	First Sequencing of Caprine Mdr1 (Abcb1) mRNA Due to Suspected Neurological Adverse Drug Reaction in a Thuringian Goat Following Extra-Label Use of Doramectin. Frontiers in Veterinary Science, 2021, 8, 682393.	2.2	1
15	Identification of Novel HBV/HDV Entry Inhibitors by Pharmacophore- and QSAR-Guided Virtual Screening. Viruses, 2021, 13, 1489.	3.3	9
16	Trospium Chloride Transport by Mouse Drug Carriers of the Slc22 and Slc47 Families. International Journal of Molecular Sciences, 2021, 22, 22.	4.1	10
17	Functional Analysis of Rare Genetic Variants in the Negative Regulator of Intracellular Calcium Signaling RCAS/SLC10A7. Frontiers in Molecular Biosciences, 2021, 8, 741946.	3.5	3
18	Rho/ROCK Inhibition Promotes TGF-Î ² 3-Induced Tenogenic Differentiation in Mesenchymal Stromal Cells. Stem Cells International, 2021, 2021, 1-11.	2.5	10

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19	Detection of the ABCB11930_1931del TC Mutation in Two Suspected Ivermectin-Sensitive Cats and Their Relatives by a Novel TaqMan Allelic Discrimination Assay. Frontiers in Veterinary Science, 2021, 8, 808392.	2.2	2
20	A double-Flp-in method for stable overexpression of two genes. Scientific Reports, 2020, 10, 14018.	3.3	6
21	Selective hepatitis B and D virus entry inhibitors from the group of pentacyclic lupane-type betulin-derived triterpenoids. Scientific Reports, 2020, 10, 21772.	3.3	24
22	Very High Dehydroepiandrosterone Sulfate (DHEAS) in Serum of an Overweight Female Adolescent Without a Tumor. Frontiers in Endocrinology, 2020, 11, 240.	3.5	3
23	In-vitro safety and off-target profile of the anti-parasitic arylmethylaminosteroid 10. Scientific Reports, 2020, 10, 7534.	3.3	2
24	The orphan solute carrier SLC10A7 is a novel negative regulator of intracellular calcium signaling. Scientific Reports, 2020, 10, 7248.	3.3	17
25	Suspected neurological toxicity after oral application of fluralaner (Bravecto®) in a Kooikerhondje dog. BMC Veterinary Research, 2019, 15, 283.	1.9	9
26	Highly diversified shrew hepatitis B viruses corroborate ancient origins and divergent infection patterns of mammalian hepadnaviruses. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 17007-17012.	7.1	16
27	Expression of components of the urothelial cholinergic system in bladder and cultivated primary urothelial cells of the pig. BMC Urology, 2019, 19, 62.	1.4	4
28	Homo- and heterodimerization is a common feature of the solute carrier family SLC10 members. Biological Chemistry, 2019, 400, 1371-1384.	2.5	22
29	Adverse Drug Reactions After Administration of Emodepside/Praziquantel (Profender®) in an MDR1-Mutant Australian Shepherd Dog: Case Report. Frontiers in Veterinary Science, 2019, 6, 296.	2.2	5
30	The role of sulfated steroids in reproduction. Journal of Steroid Biochemistry and Molecular Biology, 2018, 179, 1-2.	2.5	1
31	A novel hepatitis B virus species discovered in capuchin monkeys sheds new light on the evolution of primate hepadnaviruses. Journal of Hepatology, 2018, 68, 1114-1122.	3.7	56
32	Transport of steroid 3-sulfates and steroid 17-sulfates by the sodium-dependent organic anion transporter SOAT (SLC10A6). Journal of Steroid Biochemistry and Molecular Biology, 2018, 179, 20-25.	2.5	19
33	The polymorphism L204F affects transport and membrane expression of the sodium-dependent organic anion transporter SOAT (SLC10A6). Journal of Steroid Biochemistry and Molecular Biology, 2018, 179, 36-44.	2.5	4
34	Rare genetic variants in the sodium-dependent organic anion transporter SOAT (SLC10A6): Effects on transport function and membrane expression. Journal of Steroid Biochemistry and Molecular Biology, 2018, 179, 26-35.	2.5	5
35	Sodium-dependent organic anion transporter (Slc10a6â^'/â^') knockout mice show normal spermatogenesis and reproduction, but elevated serum levels for cholesterol sulfate. Journal of Steroid Biochemistry and Molecular Biology, 2018, 179, 45-54.	2.5	9
36	Estrone-3-Sulfate Stimulates the Proliferation of T47D Breast Cancer Cells Stably Transfected With the Sodium-Dependent Organic Anion Transporter SOAT (SLC10A6). Frontiers in Pharmacology, 2018, 9, 941.	3.5	12

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37	The carnitine status does not affect the contractile and metabolic phenotype of skeletal muscle in pigs. Nutrition and Metabolism, 2018, 15, 2.	3.0	6
38	Characterisation of the hepatitis B virus cross-species transmission pattern via Na+/taurocholate co-transporting polypeptides from 11 New World and Old World primate species. PLoS ONE, 2018, 13, e0199200.	2.5	34
39	Highlight: the transporter colloquium – spotlight on membrane proteins. Biological Chemistry, 2017, 398, 143-143.	2.5	0
40	The role of sulfated steroid hormones in reproductive processes. Journal of Steroid Biochemistry and Molecular Biology, 2017, 172, 207-221.	2.5	70
41	Detection of novel polymorphisms in the ckit gene of canine patients with lymphoma, melanoma, haemangiosarcoma, and osteosarcoma. Veterinary Research Communications, 2016, 40, 89-95.	1.6	6
42	ldentification of novel inhibitors of the steroid sulfate carrier â€~sodium-dependent organic anion transporter' SOAT (SLC10A6) by pharmacophore modelling. Molecular and Cellular Endocrinology, 2016, 428, 133-141.	3.2	10
43	Transfection of Sertoli cells with androgen receptor alters gene expression without androgen stimulation. BMC Molecular Biology, 2015, 16, 23.	3.0	4
44	Transport of the soy isoflavone daidzein and its conjugative metabolites by the carriers SOAT, NTCP, OAT4, and OATP2B1. Archives of Toxicology, 2015, 89, 2253-2263.	4.2	22
45	Brain penetration of emodepside is increased in Pâ€glycoproteinâ€deficient mice and leads to neurotoxicosis. Journal of Veterinary Pharmacology and Therapeutics, 2015, 38, 74-79.	1.3	10
46	Expression, sorting and transport studies for the orphan carrier SLC10A4 in neuronal and non-neuronal cell lines and in Xenopus laevis oocytes. BMC Neuroscience, 2015, 16, 35.	1.9	14
47	Determination of MDR1 gene expression for prediction of chemotherapy tolerance and treatment outcome in dogs with lymphoma. Veterinary and Comparative Oncology, 2015, 13, 363-372.	1.8	14
48	Highlight: Membrane transport on the move. Biological Chemistry, 2014, 395, 1363-1364.	2.5	0
49	Stressâ€Induced Upregulation of <scp>SLC19A3</scp> is Impaired in Biotinâ€Thiamineâ€Responsive Basal Ganglia Disease. Brain Pathology, 2014, 24, 270-279.	4.1	35
50	Kinetics of the bile acid transporter and hepatitis B virus receptor Na+/taurocholate cotransporting polypeptide (NTCP) in hepatocytes. Journal of Hepatology, 2014, 61, 867-875.	3.7	128
51	The role of the efflux carriers Abcg2 and Abcc2 for the hepatobiliary elimination of benzo[a]pyrene and its metabolites in mice. Chemico-Biological Interactions, 2014, 224, 36-41.	4.0	15
52	CaRch1p does not functionally interact with the highâ€affinity Ca ²⁺ influx system (HACS) of <i>Candida albicans</i> . Yeast, 2013, 30, 449-457.	1.7	18
53	Brain penetration of the OAB drug trospium chloride is not increased in aged mice. World Journal of Urology, 2013, 31, 219-224.	2.2	8
54	Cloning and functional characterization of the mouse sodium-dependent organic anion transporter Soat (Slc10a6). Journal of Steroid Biochemistry and Molecular Biology, 2013, 138, 90-99.	2.5	24

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55	Moxidectin has a lower neurotoxic potential but comparable brain penetration in Pâ€glycoproteinâ€deficient CFâ€1 mice compared to ivermectin. Journal of Veterinary Pharmacology and Therapeutics, 2013, 36, 275-284.	1.3	24
56	Profiling intact steroid sulfates and unconjugated steroids in biological fluids by liquid chromatography-tandem mass spectrometry (LC-MS-MS). Analyst, The, 2013, 138, 3792.	3.5	54
57	Bats carry pathogenic hepadnaviruses antigenically related to hepatitis B virus and capable of infecting human hepatocytes. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 16151-16156.	7.1	154
58	Membrane Transporters for Sulfated Steroids in the Human Testis - Cellular Localization, Expression Pattern and Functional Analysis. PLoS ONE, 2013, 8, e62638.	2.5	50
59	The <i>Candida albicans</i> plasma membrane protein Rch1p, a member of the vertebrate SLC10 carrier family, is a novel regulator of cytosolic Ca2+ homoeostasis. Biochemical Journal, 2012, 444, 497-502.	3.7	39
60	Homo- and hetero-dimeric architecture of the human liver Na+-dependent taurocholate co-transporting protein. Biochemical Journal, 2012, 441, 1007-1016.	3.7	58
61	The SLC10 Carrier Family. Current Topics in Membranes, 2012, 70, 105-168.	0.9	108
62	Treatment of MDR1 Mutant Dogs with Macrocyclic Lactones. Current Pharmaceutical Biotechnology, 2012, 13, 969-986.	1.6	51
63	Co-expression studies of the orphan carrier protein Slc10a4 and the vesicular carriers VAChT and VMAT2 in the rat central and peripheral nervous system. Neuroscience, 2011, 193, 109-121.	2.3	36
64	Breed distribution of the nt230(del4) MDR1 mutation in dogs. Veterinary Journal, 2011, 189, 67-71.	1.7	59
65	Evaluation of CAG repeat length of androgen receptor expressing cells in human testes showing different pictures of spermatogenic impairment. Histochemistry and Cell Biology, 2011, 136, 689-697.	1.7	18
66	Oxybutynin and trospium are substrates of the human organic cation transporters. Naunyn-Schmiedeberg's Archives of Pharmacology, 2011, 383, 203-208.	3.0	27
67	Detection of the nt230[del4] MDR1 mutation in dogs by a fluorogenic 5′ nuclease TaqMan allelic discrimination method. Veterinary Journal, 2010, 185, 272-277.	1.7	16
68	Study of the transport of thyroid hormone by transporters of the SLC10 family. Molecular and Cellular Endocrinology, 2010, 315, 138-145.	3.2	56
69	Differences in the Brain Penetration of the Anticholinergic Drugs Trospium Chloride and Oxybutynin. UroToday International Journal, 2010, 03, .	0.1	6
70	The Role of P-Glycoprotein in Limiting Brain Penetration of the Peripherally Acting Anticholinergic Overactive Bladder Drug Trospium Chloride. Drug Metabolism and Disposition, 2009, 37, 1371-1374.	3.3	42
71	Brain penetration of ivermectin and selamectin in <i>mdr1a,b</i> Pâ€glycoprotein―and <i>bcrp</i> ― deficient knockout mice. Journal of Veterinary Pharmacology and Therapeutics, 2009, 32, 87-96.	1.3	62
72	Cloning and molecular characterization of the orphan carrier protein Slc10a4: Expression in cholinergic neurons of the rat central nervous system. Neuroscience, 2008, 152, 990-1005.	2.3	39

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73	BRAIN PENETRATION AND ORGAN DISTRIBUTION OF TROSPIUM CHLORIDE AND OXYBUTYNIN: THE ROLE OF THE MULTIDRUG RESISTANCE TRANSPORTER MDR1. Journal of Urology, 2008, 179, 131-131.	0.4	2
74	Brain Penetration of Trospium Chloride but not of Oxybutynin is Restricted by the Multidrug Resistance Transporter mrd1. UroToday International Journal, 2008, 01, .	0.1	1
75	Cloning and Functional Characterization of Human Sodium-dependent Organic Anion Transporter (SLC10A6). Journal of Biological Chemistry, 2007, 282, 19728-19741.	3.4	82
76	In vivo relevance of Mrp2-mediated biliary excretion of the Amanita mushroom toxin demethylphalloin. Biochimica Et Biophysica Acta - Biomembranes, 2007, 1768, 2070-2077.	2.6	9
77	The novel putative bile acid transporter SLC10A5 is highly expressed in liver and kidney. Biochemical and Biophysical Research Communications, 2007, 361, 26-32.	2.1	22
78	Detection of the nt230(del4) MDR1 mutation in White Swiss Shepherd dogs: case reports of doramectin toxicosis, breed predisposition, and microsatellite analysis. Journal of Veterinary Pharmacology and Therapeutics, 2007, 30, 482-485.	1.3	38
79	Molecular and phylogenetic characterization of a novel putative membrane transporter (SLC10A7), conserved in vertebrates and bacteria. European Journal of Cell Biology, 2007, 86, 445-460.	3.6	43
80	Drug transporters in pharmacokinetics. Naunyn-Schmiedeberg's Archives of Pharmacology, 2006, 372, 465-475.	3.0	83
81	The solute carrier family SLC10: more than a family of bile acid transporters regarding function and phylogenetic relationships. Naunyn-Schmiedeberg's Archives of Pharmacology, 2006, 372, 413-431.	3.0	148
82	Molecular cloning and functional characterization of the bovine (Bos taurus) organic anion transporting polypeptide Oatp1a2 (Slco1a2). Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2004, 137, 317-329.	1.6	16
83	Identification of a sodium-dependent organic anion transporter from rat adrenal gland. Biochemical and Biophysical Research Communications, 2004, 316, 300-306.	2.1	49
84	Bioavailability of Water- and Lipid-Soluble Thiamin Compounds in Broiler Chickens. International Journal for Vitamin and Nutrition Research, 2000, 70, 311-316.	1.5	9