Joachim Geyer

List of Publications by Year
in descending order

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84	2,167	236925 25	254184 43
papers	citations	h-index	g-index

88	88	88	2473
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	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
3	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
4	The SLC10 Carrier Family. Current Topics in Membranes, 2012, 70, 105-168.	0.9	108
5	Drug transporters in pharmacokinetics. Naunyn-Schmiedeberg's Archives of Pharmacology, 2006, 372, 465-475.	3.0	83
6	Cloning and Functional Characterization of Human Sodium-dependent Organic Anion Transporter (SLC10A6). Journal of Biological Chemistry, 2007, 282, 19728-19741.	3.4	82
7	The role of sulfated steroid hormones in reproductive processes. Journal of Steroid Biochemistry and Molecular Biology, 2017, 172, 207-221.	2.5	70
8	Brain penetration of ivermectin and selamectin in mdr1a,b Pâ€glycoproteinâ€•and bcrpâ€• deficient knockout mice. Journal of Veterinary Pharmacology and Therapeutics, 2009, 32, 87-96.	1.3	62
9	Breed distribution of the nt230(del4) MDR1 mutation in dogs. Veterinary Journal, 2011, 189, 67-71.	1.7	59
10	Homo- and hetero-dimeric architecture of the human liver Na+-dependent taurocholate co-transporting protein. Biochemical Journal, 2012, 441, 1007-1016.	3.7	58
11	Study of the transport of thyroid hormone by transporters of the SLC10 family. Molecular and Cellular Endocrinology, 2010, 315, 138-145.	3.2	56
12	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
13	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
14	Treatment of MDR1 Mutant Dogs with Macrocyclic Lactones. Current Pharmaceutical Biotechnology, 2012, 13, 969-986.	1.6	51
15	Membrane Transporters for Sulfated Steroids in the Human Testis - Cellular Localization, Expression Pattern and Functional Analysis. PLoS ONE, 2013, 8, e62638.	2.5	50
16	Identification of a sodium-dependent organic anion transporter from rat adrenal gland. Biochemical and Biophysical Research Communications, 2004, 316, 300-306.	2.1	49
17	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
18	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

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19	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
20	The Candida albicans 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
21	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
22	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
23	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
24	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
25	Oxybutynin and trospium are substrates of the human organic cation transporters. Naunyn-Schmiedeberg's Archives of Pharmacology, 2011, 383, 203-208.	3.0	27
26	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
27	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
28	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
29	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
30	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
31	Homo- and heterodimerization is a common feature of the solute carrier family SLC10 members. Biological Chemistry, 2019, 400, 1371-1384.	2.5	22
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	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
34	CaRch1p does not functionally interact with the highâ€affinity Ca²⁺ influx system (HACS) of Candida albicans. Yeast, 2013, 30, 449-457.	1.7	18
35	The orphan solute carrier SLC10A7 is a novel negative regulator of intracellular calcium signaling. Scientific Reports, 2020, 10, 7248.	3.3	17
36	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

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37	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
38	Detection of the nt230[del4] MDR1 mutation in dogs by a fluorogenic 5â€² nuclease TaqMan allelic discrimination method. Veterinary Journal, 2010, 185, 272-277.	1.7	16
39	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
40	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
41	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
42	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
43	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
44	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
45	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
46	IFITM3 Interacts with the HBV/HDV Receptor NTCP and Modulates Virus Entry and Infection. Viruses, 2022, 14, 727.	3.3	11
47	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
48	Identification of novel inhibitors of the steroid sulfate carrier â€˜sodium-dependent organic anion transporterâ€™ SOAT (SLC10A6) by pharmacophore modelling. Molecular and Cellular Endocrinology, 2016, 428, 133-141.	3.2	10
49	Mutational Analysis of the GXXXG/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
50	Trospium Chloride Transport by Mouse Drug Carriers of the Slc22 and Slc47 Families. International Journal of Molecular Sciences, 2021, 22, 22.	4.1	10
51	Rho/ROCK Inhibition Promotes TGF-Î²3-Induced Tenogenic Differentiation in Mesenchymal Stromal Cells. Stem Cells International, 2021, 2021, 1-11.	2.5	10
52	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
53	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
54	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

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55	Suspected neurological toxicity after oral application of fluralaner (BravectoÂ®) in a Kooikerhondje dog. BMC Veterinary Research, 2019, 15, 283.	1.9	9
56	Identification of Novel HBV/HDV Entry Inhibitors by Pharmacophore- and QSAR-Guided Virtual Screening. Viruses, 2021, 13, 1489.	3.3	9
57	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
58	Hepatitis D Virus Entry Inhibitors Based on Repurposing Intestinal Bile Acid Reabsorption Inhibitors. Viruses, 2021, 13, 666.	3.3	8
59	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
60	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
61	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
62	A double-Flp-in method for stable overexpression of two genes. Scientific Reports, 2020, 10, 14018.	3.3	6
63	Differences in the Brain Penetration of the Anticholinergic Drugs Trospium Chloride and Oxybutynin. UroToday International Journal, 2010, 03, .	0.1	6
64	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
65	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
66	Adverse Drug Reactions After Administration of Emodepside/Praziquantel (ProfenderÂ®) in an MDR1-Mutant Australian Shepherd Dog: Case Report. Frontiers in Veterinary Science, 2019, 6, 296.	2.2	5
67	Transfection of Sertoli cells with androgen receptor alters gene expression without androgen stimulation. BMC Molecular Biology, 2015, 16, 23.	3.0	4
68	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
69	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
70	Organic Cation Transporter I and Na⁺/taurocholate Coâ€Transporting Polypeptide are Involved in Retrorsineâ€•and Senecionineâ€Induced Hepatotoxicity in HepaRG cells. Molecular Nutrition and Food Research, 2022, 66, e2100800.	3.3	4
71	Very High Dehydroepiandrosterone Sulfate (DHEAS) in Serum of an Overweight Female Adolescent Without a Tumor. Frontiers in Endocrinology, 2020, 11, 240.	3.5	3
72	Functional and Pharmacological Comparison of Human and Mouse Na+/Taurocholate Cotransporting Polypeptide (NTCP). SLAS Discovery, 2021, 26, 1055-1064.	2.7	3

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73	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
74	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
75	In-vitro safety and off-target profile of the anti-parasitic arylmethylaminosteroid 1o. Scientific Reports, 2020, 10, 7534.	3.3	2
76	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
77	The role of sulfated steroids in reproduction. Journal of Steroid Biochemistry and Molecular Biology, 2018, 179, 1-2.	2.5	1
78	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
79	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
80	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
81	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
82	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
83	Highlight: Membrane transport on the move. Biological Chemistry, 2014, 395, 1363-1364.	2.5	0
84	Highlight: the transporter colloquium â€“ spotlight on membrane proteins. Biological Chemistry, 2017, 398, 143-143.	2.5	0