

Joachim Geyer

List of Publications by Year in descending order

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84
papers

2,167
citations

236612

25
h-index

253896

43
g-index

88
all docs

88
docs citations

88
times ranked

2473
citing authors

#	ARTICLE	IF	CITATIONS
1	Bats carry pathogenic hepadnaviruses antigenically related to hepatitis B virus and capable of infecting human hepatocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 16151-16156.	3.3	154
2	The solute carrier family SLC10: more than a family of bile acid transporters regarding function and phylogenetic relationships. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2006, 372, 413-431.	1.4	148
3	Kinetics of the bile acid transporter and hepatitis B virus receptor Na ⁺ /taurocholate cotransporting polypeptide (NTCP) in hepatocytes. <i>Journal of Hepatology</i> , 2014, 61, 867-875.	1.8	128
4	The SLC10 Carrier Family. <i>Current Topics in Membranes</i> , 2012, 70, 105-168.	0.5	108
5	Drug transporters in pharmacokinetics. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2006, 372, 465-475.	1.4	83
6	Cloning and Functional Characterization of Human Sodium-dependent Organic Anion Transporter (SLC10A6). <i>Journal of Biological Chemistry</i> , 2007, 282, 19728-19741.	1.6	82
7	The role of sulfated steroid hormones in reproductive processes. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 172, 207-221.	1.2	70
8	Brain penetration of ivermectin and selamectin in <i>mdr1a,b</i> P-glycoprotein and <i>bcrp</i> deficient knockout mice. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2009, 32, 87-96.	0.6	62
9	Breed distribution of the nt230(del4) MDR1 mutation in dogs. <i>Veterinary Journal</i> , 2011, 189, 67-71.	0.6	59
10	Homo- and hetero-dimeric architecture of the human liver Na ⁺ -dependent taurocholate co-transporting protein. <i>Biochemical Journal</i> , 2012, 441, 1007-1016.	1.7	58
11	Study of the transport of thyroid hormone by transporters of the SLC10 family. <i>Molecular and Cellular Endocrinology</i> , 2010, 315, 138-145.	1.6	56
12	A novel hepatitis B virus species discovered in capuchin monkeys sheds new light on the evolution of primate hepadnaviruses. <i>Journal of Hepatology</i> , 2018, 68, 1114-1122.	1.8	56
13	Profiling intact steroid sulfates and unconjugated steroids in biological fluids by liquid chromatography-tandem mass spectrometry (LC-MS-MS). <i>Analyst</i> , 2013, 138, 3792.	1.7	54
14	Treatment of MDR1 Mutant Dogs with Macrocyclic Lactones. <i>Current Pharmaceutical Biotechnology</i> , 2012, 13, 969-986.	0.9	51
15	Membrane Transporters for Sulfated Steroids in the Human Testis - Cellular Localization, Expression Pattern and Functional Analysis. <i>PLoS ONE</i> , 2013, 8, e62638.	1.1	50
16	Identification of a sodium-dependent organic anion transporter from rat adrenal gland. <i>Biochemical and Biophysical Research Communications</i> , 2004, 316, 300-306.	1.0	49
17	Molecular and phylogenetic characterization of a novel putative membrane transporter (SLC10A7), conserved in vertebrates and bacteria. <i>European Journal of Cell Biology</i> , 2007, 86, 445-460.	1.6	43
18	The Role of P-Glycoprotein in Limiting Brain Penetration of the Peripherally Acting Anticholinergic Overactive Bladder Drug Tropicium Chloride. <i>Drug Metabolism and Disposition</i> , 2009, 37, 1371-1374.	1.7	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. <i>Neuroscience</i> , 2008, 152, 990-1005.	1.1	39
20	The <i>Candida albicans</i> plasma membrane protein Rch1p, a member of the vertebrate SLC10 carrier family, is a novel regulator of cytosolic Ca ²⁺ homeostasis. <i>Biochemical Journal</i> , 2012, 444, 497-502.	1.7	39
21	Detection of the nt230(del4) MDR1 mutation in White Swiss Shepherd dogs: case reports of doramectin toxicosis, breed predisposition, and microsatellite analysis. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2007, 30, 482-485.	0.6	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. <i>Neuroscience</i> , 2011, 193, 109-121.	1.1	36
23	Stress-induced Upregulation of SLC19A3 is Impaired in Biotin-Thiamine-Responsive Basal Ganglia Disease. <i>Brain Pathology</i> , 2014, 24, 270-279.	2.1	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. <i>PLoS ONE</i> , 2018, 13, e0199200.	1.1	34
25	Oxybutynin and tropism are substrates of the human organic cation transporters. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2011, 383, 203-208.	1.4	27
26	Cloning and functional characterization of the mouse sodium-dependent organic anion transporter Soat (Slc10a6). <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2013, 138, 90-99.	1.2	24
27	Moxidectin has a lower neurotoxic potential but comparable brain penetration in glycoprotein-deficient CF-1 mice compared to ivermectin. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2013, 36, 275-284.	0.6	24
28	Selective hepatitis B and D virus entry inhibitors from the group of pentacyclic lupane-type betulin-derived triterpenoids. <i>Scientific Reports</i> , 2020, 10, 21772.	1.6	24
29	The novel putative bile acid transporter SLC10A5 is highly expressed in liver and kidney. <i>Biochemical and Biophysical Research Communications</i> , 2007, 361, 26-32.	1.0	22
30	Transport of the soy isoflavone daidzein and its conjugative metabolites by the carriers SOAT, NTCP, OAT4, and OATP2B1. <i>Archives of Toxicology</i> , 2015, 89, 2253-2263.	1.9	22
31	Homo- and heterodimerization is a common feature of the solute carrier family SLC10 members. <i>Biological Chemistry</i> , 2019, 400, 1371-1384.	1.2	22
32	Transport of steroid 3-sulfates and steroid 17-sulfates by the sodium-dependent organic anion transporter SOAT (SLC10A6). <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 179, 20-25.	1.2	19
33	Evaluation of CAG repeat length of androgen receptor expressing cells in human testes showing different pictures of spermatogenic impairment. <i>Histochemistry and Cell Biology</i> , 2011, 136, 689-697.	0.8	18
34	CaRch1p does not functionally interact with the high-affinity Ca ²⁺ influx system (HACS) of <i>Candida albicans</i> . <i>Yeast</i> , 2013, 30, 449-457.	0.8	18
35	The orphan solute carrier SLC10A7 is a novel negative regulator of intracellular calcium signaling. <i>Scientific Reports</i> , 2020, 10, 7248.	1.6	17
36	Substrate Specificities and Inhibition Pattern of the Solute Carrier Family 10 Members NTCP, ASBT and SOAT. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 689757.	1.6	17

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37	Molecular cloning and functional characterization of the bovine (<i>Bos taurus</i>) organic anion transporting polypeptide Oatp1a2 (<i>Slco1a2</i>). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2004, 137, 317-329.	0.7	16
38	Detection of the nt230[del4] MDR1 mutation in dogs by a fluorogenic 5â€² nuclease TaqMan allelic discrimination method. <i>Veterinary Journal</i> , 2010, 185, 272-277.	0.6	16
39	Highly diversified shrew hepatitis B viruses corroborate ancient origins and divergent infection patterns of mammalian hepadnaviruses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 17007-17012.	3.3	16
40	The role of the efflux carriers <i>Abcg2</i> and <i>Abcc2</i> for the hepatobiliary elimination of benzo[a]pyrene and its metabolites in mice. <i>Chemico-Biological Interactions</i> , 2014, 224, 36-41.	1.7	15
41	Expression, sorting and transport studies for the orphan carrier SLC10A4 in neuronal and non-neuronal cell lines and in <i>Xenopus laevis</i> oocytes. <i>BMC Neuroscience</i> , 2015, 16, 35.	0.8	14
42	Determination of MDR1 gene expression for prediction of chemotherapy tolerance and treatment outcome in dogs with lymphoma. <i>Veterinary and Comparative Oncology</i> , 2015, 13, 363-372.	0.8	14
43	Estrone-3-Sulfate Stimulates the Proliferation of T47D Breast Cancer Cells Stably Transfected With the Sodium-Dependent Organic Anion Transporter SOAT (SLC10A6). <i>Frontiers in Pharmacology</i> , 2018, 9, 941.	1.6	12
44	Long-term trans-inhibition of the hepatitis B and D virus receptor NTCP by tauroolithocholic acid. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 320, G66-G80.	1.6	11
45	Multitasking Na ⁺ /Taurocholate Cotransporting Polypeptide (NTCP) as a Drug Target for HBV Infection: From Protein Engineering to Drug Discovery. <i>Biomedicines</i> , 2022, 10, 196.	1.4	11
46	IFITM3 Interacts with the HBV/HDV Receptor NTCP and Modulates Virus Entry and Infection. <i>Viruses</i> , 2022, 14, 727.	1.5	11
47	Brain penetration of emodepside is increased in Pâ€²glycoproteinâ€²deficient mice and leads to neurotoxicosis. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2015, 38, 74-79.	0.6	10
48	Identification of novel inhibitors of the steroid sulfate carrier â€²sodium-dependent organic anion transporterâ€² SOAT (SLC10A6) by pharmacophore modelling. <i>Molecular and Cellular Endocrinology</i> , 2016, 428, 133-141.	1.6	10
49	Mutational Analysis of the GXXXC/A Motifs in the Human Na ⁺ /Taurocholate Co-Transporting Polypeptide NTCP on Its Bile Acid Transport Function and Hepatitis B/D Virus Receptor Function. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 699443.	1.6	10
50	Tropium Chloride Transport by Mouse Drug Carriers of the Slc22 and Slc47 Families. <i>International Journal of Molecular Sciences</i> , 2021, 22, 22.	1.8	10
51	Rho/ROCK Inhibition Promotes TGF-Î²3-Induced Tenogenic Differentiation in Mesenchymal Stromal Cells. <i>Stem Cells International</i> , 2021, 2021, 1-11.	1.2	10
52	Bioavailability of Water- and Lipid-Soluble Thiamin Compounds in Broiler Chickens. <i>International Journal for Vitamin and Nutrition Research</i> , 2000, 70, 311-316.	0.6	9
53	In vivo relevance of Mrp2-mediated biliary excretion of the <i>Amanita</i> mushroom toxin demethylphalloin. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2007, 1768, 2070-2077.	1.4	9
54	Sodium-dependent organic anion transporter (<i>Slc10a6</i>) knockout mice show normal spermatogenesis and reproduction, but elevated serum levels for cholesterol sulfate. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 179, 45-54.	1.2	9

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55	Suspected neurological toxicity after oral application of fluralaner (Bravecto®) in a Kooikerhondje dog. <i>BMC Veterinary Research</i> , 2019, 15, 283.	0.7	9
56	Identification of Novel HBV/HDV Entry Inhibitors by Pharmacophore- and QSAR-Guided Virtual Screening. <i>Viruses</i> , 2021, 13, 1489.	1.5	9
57	Brain penetration of the OAB drug trospium chloride is not increased in aged mice. <i>World Journal of Urology</i> , 2013, 31, 219-224.	1.2	8
58	Hepatitis D Virus Entry Inhibitors Based on Repurposing Intestinal Bile Acid Reabsorption Inhibitors. <i>Viruses</i> , 2021, 13, 666.	1.5	8
59	Sequencing of the Canine Cytochrome P450 CYP2C41 Gene and Genotyping of Its Polymorphic Occurrence in 36 Dog Breeds. <i>Frontiers in Veterinary Science</i> , 2021, 8, 663175.	0.9	8
60	Detection of novel polymorphisms in the ckit gene of canine patients with lymphoma, melanoma, haemangiosarcoma, and osteosarcoma. <i>Veterinary Research Communications</i> , 2016, 40, 89-95.	0.6	6
61	The carnitine status does not affect the contractile and metabolic phenotype of skeletal muscle in pigs. <i>Nutrition and Metabolism</i> , 2018, 15, 2.	1.3	6
62	A double-Flp-in method for stable overexpression of two genes. <i>Scientific Reports</i> , 2020, 10, 14018.	1.6	6
63	Differences in the Brain Penetration of the Anticholinergic Drugs Trospium Chloride and Oxybutynin. <i>UroToday International Journal</i> , 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. <i>Viruses</i> , 2022, 14, 1259.	1.5	6
65	Rare genetic variants in the sodium-dependent organic anion transporter SOAT (SLC10A6): Effects on transport function and membrane expression. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 179, 26-35.	1.2	5
66	Adverse Drug Reactions After Administration of Emodepside/Praziquantel (Profender®) in an MDR1-Mutant Australian Shepherd Dog: Case Report. <i>Frontiers in Veterinary Science</i> , 2019, 6, 296.	0.9	5
67	Transfection of Sertoli cells with androgen receptor alters gene expression without androgen stimulation. <i>BMC Molecular Biology</i> , 2015, 16, 23.	3.0	4
68	The polymorphism L204F affects transport and membrane expression of the sodium-dependent organic anion transporter SOAT (SLC10A6). <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 179, 36-44.	1.2	4
69	Expression of components of the urothelial cholinergic system in bladder and cultivated primary urothelial cells of the pig. <i>BMC Urology</i> , 2019, 19, 62.	0.6	4
70	Organic Cation Transporter I and Na ⁺ /taurocholate Co ⁺ Transporting Polypeptide are Involved in Retrorsine ⁺ and Senecionine ⁺ Induced Hepatotoxicity in HepaRG cells. <i>Molecular Nutrition and Food Research</i> , 2022, 66, e2100800.	1.5	4
71	Very High Dehydroepiandrosterone Sulfate (DHEAS) in Serum of an Overweight Female Adolescent Without a Tumor. <i>Frontiers in Endocrinology</i> , 2020, 11, 240.	1.5	3
72	Functional and Pharmacological Comparison of Human and Mouse Na ⁺ /Taurocholate Cotransporting Polypeptide (NTCP). <i>SLAS Discovery</i> , 2021, 26, 1055-1064.	1.4	3

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73	Functional Analysis of Rare Genetic Variants in the Negative Regulator of Intracellular Calcium Signaling RCAS/SLC10A7. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 741946.	1.6	3
74	BRAIN PENETRATION AND ORGAN DISTRIBUTION OF TROSPIUM CHLORIDE AND OXYBUTYNIN: THE ROLE OF THE MULTIDRUG RESISTANCE TRANSPORTER MDR1. <i>Journal of Urology</i> , 2008, 179, 131-131.	0.2	2
75	In-vitro safety and off-target profile of the anti-parasitic arylmethylaminosteroid 1o. <i>Scientific Reports</i> , 2020, 10, 7534.	1.6	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. <i>Frontiers in Veterinary Science</i> , 2021, 8, 808392.	0.9	2
77	The role of sulfated steroids in reproduction. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2018, 179, 1-2.	1.2	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. <i>Frontiers in Veterinary Science</i> , 2021, 8, 682393.	0.9	1
79	Brain Penetration of Trospium Chloride but not of Oxybutynin is Restricted by the Multidrug Resistance Transporter mrd1. <i>UroToday International Journal</i> , 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. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2022, , .	0.6	1
81	Role of the Steroid Sulfate Uptake Transporter Soat (Slc10a6) in Adipose Tissue and 3T3-L1 Adipocytes. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 863912.	1.6	1
82	Cloning and Functional Characterization of Dog OCT1 and OCT2: Another Step in Exploring Species Differences in Organic Cation Transporters. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5100.	1.8	1
83	Highlight: Membrane transport on the move. <i>Biological Chemistry</i> , 2014, 395, 1363-1364.	1.2	0
84	Highlight: the transporter colloquium â€“ spotlight on membrane proteins. <i>Biological Chemistry</i> , 2017, 398, 143-143.	1.2	0