

John D Schuetz

List of Publications by Year in descending order

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146
papers

15,344
citations

23500

58
h-index

17546

121
g-index

151
all docs

151
docs citations

151
times ranked

13930
citing authors

#	ARTICLE	IF	CITATIONS
1	The ABC transporter Bcrp1/ABCG2 is expressed in a wide variety of stem cells and is a molecular determinant of the side-population phenotype. <i>Nature Medicine</i> , 2001, 7, 1028-1034.	15.2	2,145
2	Identification of functionally variant MDR1 alleles among European Americans and African Americans. <i>Clinical Pharmacology and Therapeutics</i> , 2001, 70, 189-199.	2.3	883
3	The Stem Cell Marker Bcrp/ABCG2 Enhances Hypoxic Cell Survival through Interactions with Heme. <i>Journal of Biological Chemistry</i> , 2004, 279, 24218-24225.	1.6	568
4	MRP4: A previously unidentified factor in resistance to nucleoside-based antiviral drugs. <i>Nature Medicine</i> , 1999, 5, 1048-1051.	15.2	559
5	Bcrp1 gene expression is required for normal numbers of side population stem cells in mice, and confers relative protection to mitoxantrone in hematopoietic cells in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 12339-12344.	3.3	480
6	Mrp4 Confers Resistance to Topotecan and Protects the Brain from Chemotherapy. <i>Molecular and Cellular Biology</i> , 2004, 24, 7612-7621.	1.1	403
7	Anti-apoptotic MCL-1 localizes to the mitochondrial matrix and couples mitochondrial fusion to respiration. <i>Nature Cell Biology</i> , 2012, 14, 575-583.	4.6	347
8	Disrupted Bile Acid Homeostasis Reveals an Unexpected Interaction among Nuclear Hormone Receptors, Transporters, and Cytochrome P450. <i>Journal of Biological Chemistry</i> , 2001, 276, 39411-39418.	1.6	343
9	Identification of a mammalian mitochondrial porphyrin transporter. <i>Nature</i> , 2006, 443, 586-589.	13.7	320
10	High-Affinity Interaction of Tyrosine Kinase Inhibitors with the ABCG2 Multidrug Transporter. <i>Molecular Pharmacology</i> , 2004, 65, 1485-1495.	1.0	316
11	Imatinib Mesylate Is a Potent Inhibitor of the ABCG2 (BCRP) Transporter and Reverses Resistance to Topotecan and SN-38 in Vitro. <i>Cancer Research</i> , 2004, 64, 2333-2337.	0.4	312
12	Steroid and bile acid conjugates are substrates of human multidrug-resistance protein (MRP) 4 (ATP-binding cassette C4). <i>Biochemical Journal</i> , 2003, 371, 361-367.	1.7	291
13	Functional Involvement of Multidrug Resistance-Associated Protein 4 (MRP4/ABCC4) in the Renal Elimination of the Antiviral Drugs Adefovir and Tenofovir. <i>Molecular Pharmacology</i> , 2007, 71, 619-627.	1.0	266
14	Natural allelic variants of breast cancer resistance protein (BCRP) and their relationship to BCRP expression in human intestine. <i>Pharmacogenetics and Genomics</i> , 2003, 13, 19-28.	5.7	264
15	Genetic polymorphism of thiopurine S-methyltransferase: clinical importance and molecular mechanisms. <i>Pharmacogenetics and Genomics</i> , 1996, 6, 279-290.	5.7	253
16	Role of farnesoid X receptor in determining hepatic ABC transporter expression and liver injury in bile duct-ligated mice. <i>Gastroenterology</i> , 2003, 125, 825-838.	0.6	252
17	17 β -Estradiol hydroxylation catalyzed by human cytochrome P450 1A1: A comparison of the activities induced by 2,3,7,8-tetrachlorodibenzo-p-dioxin in MCF-7 cells with those from heterologous expression of the cDNA. <i>Archives of Biochemistry and Biophysics</i> , 1992, 293, 342-348.	1.4	230
18	The role of transporters in cellular heme and porphyrin homeostasis. , 2007, 114, 345-358.		212

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19	Interactions between Hepatic Mrp4 and Sult2a as Revealed by the Constitutive Androstane Receptor and Mrp4 Knockout Mice. <i>Journal of Biological Chemistry</i> , 2004, 279, 22250-22257.	1.6	211
20	Application of Three-Dimensional Quantitative Structure-Activity Relationships of P-Glycoprotein Inhibitors and Substrates. <i>Molecular Pharmacology</i> , 2002, 61, 974-981.	1.0	204
21	Deletion of MCL-1 causes lethal cardiac failure and mitochondrial dysfunction. <i>Genes and Development</i> , 2013, 27, 1351-1364.	2.7	203
22	Mutant p53 Cooperates with ETS and Selectively Up-regulates Human MDR1 Not MRP1. <i>Journal of Biological Chemistry</i> , 2001, 276, 39359-39367.	1.6	202
23	Gefitinib Enhances the Antitumor Activity and Oral Bioavailability of Irinotecan in Mice. <i>Cancer Research</i> , 2004, 64, 7491-7499.	0.4	193
24	6,7-Dihydroxybergamottin in grapefruit juice and Seville orange juice: Effects on cyclosporine disposition, enterocyte CYP3A4, and P-glycoprotein. <i>Clinical Pharmacology and Therapeutics</i> , 1999, 65, 237-244.	2.3	191
25	Spatiotemporal Coupling of cAMP Transporter to CFTR Chloride Channel Function in the Gut Epithelia. <i>Cell</i> , 2007, 131, 940-951.	13.5	191
26	Three-Dimensional Quantitative Structure-Activity Relationships of Inhibitors of P-Glycoprotein. <i>Molecular Pharmacology</i> , 2002, 61, 964-973.	1.0	179
27	Regulation of human liver cytochromes P-450 in family 3A in primary and continuous culture of human hepatocytes. <i>Hepatology</i> , 1993, 18, 1254-1262.	3.6	176
28	Plasma Membrane Localization of Multidrug Resistance-Associated Protein Homologs in Brain Capillary Endothelial Cells. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2004, 311, 449-455.	1.3	168
29	Mrp4 ^{-/-} mice have an impaired cytoprotective response in obstructive cholestasis. <i>Hepatology</i> , 2006, 43, 1013-1021.	3.6	164
30	Multidrug resistance-associated protein 4 is up-regulated in liver but down-regulated in kidney in obstructive cholestasis in the rat. <i>Journal of Hepatology</i> , 2004, 40, 585-591.	1.8	161
31	Gefitinib Modulates the Function of Multiple ATP-Binding Cassette Transporters In vivo. <i>Cancer Research</i> , 2006, 66, 4802-4807.	0.4	154
32	Two new genes from the human ATP-binding cassette transporter superfamily, ABCC11 and ABCC12, tandemly duplicated on chromosome 16q12. <i>Gene</i> , 2001, 273, 89-96.	1.0	143
33	Expression of cytochrome P450 3A in amphibian, rat, and human kidney. <i>Archives of Biochemistry and Biophysics</i> , 1992, 294, 206-214.	1.4	142
34	[42] Use of human hepatocytes to study P450 gene induction. <i>Methods in Enzymology</i> , 1996, 272, 388-401.	0.4	141
35	Interaction of Cytochrome P450 3A Inhibitors with P-Glycoprotein. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2002, 303, 323-332.	1.3	134
36	Transporter-Mediated Protection against Thiopurine-Induced Hematopoietic Toxicity. <i>Cancer Research</i> , 2008, 68, 4983-4989.	0.4	124

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37	Multiple Human Isoforms of Drug Transporters Contribute to the Hepatic and Renal Transport of Olmesartan, a Selective Antagonist of the Angiotensin II AT1-Receptor. <i>Drug Metabolism and Disposition</i> , 2007, 35, 2166-2176.	1.7	122
38	Limited Brain Distribution of [3R,4R,5S]-4-Acetamido-5-amino-3-(1-ethylpropoxy)-1-cyclohexene-1-carboxylate Phosphate (Ro 64-0802), a Pharmacologically Active Form of Oseltamivir, by Active Efflux across the Blood-Brain Barrier Mediated by Organic Anion Transporter 3 (Oat3/Slc22a8) and Multidrug Resistance-Associated Protein 4 (Mrp4/Abcc4). <i>Drug Metabolism and Disposition</i> , 2009, 37, 315-321.	1.7	121
39	Multidrug Resistance-Associated Protein 4 Is Involved in the Urinary Excretion of Hydrochlorothiazide and Furosemide. <i>Journal of the American Society of Nephrology: JASN</i> , 2007, 18, 37-45.	3.0	107
40	Reduced Folate Carrier Expression in Acute Lymphoblastic Leukemia: A Mechanism for Ploidy but not Lineage Differences in Methotrexate Accumulation. <i>Blood</i> , 1999, 93, 1643-1650.	0.6	105
41	CHARACTERIZATION OF TRANSPORT PROTEIN EXPRESSION IN MULTIDRUG RESISTANCE-ASSOCIATED PROTEIN (MRP) 2-DEFICIENT RATS. <i>Drug Metabolism and Disposition</i> , 2006, 34, 556-562.	1.7	105
42	ABC transporters and their role in nucleoside and nucleotide drug resistance. <i>Biochemical Pharmacology</i> , 2012, 83, 1073-1083.	2.0	97
43	Differences in Foly polyglutamate Synthetase and Dihydrofolate Reductase Expression in Human B-Lineage versus T-Lineage Leukemic Lymphoblasts: Mechanisms for Lineage Differences in Methotrexate Polyglutamylation and Cytotoxicity. <i>Molecular Pharmacology</i> , 1997, 52, 155-163.	1.0	95
44	The Arachidonic Acid Metabolome Serves as a Conserved Regulator of Cholesterol Metabolism. <i>Cell Metabolism</i> , 2014, 20, 787-798.	7.2	92
45	HumanMDR1and Mousemdr1aP-Glycoprotein Alter the Cellular Retention and Disposition of Erythromycin, but Not of Retinoic Acid or Benzo(a)pyrene. <i>Archives of Biochemistry and Biophysics</i> , 1998, 350, 340-347.	1.4	90
46	Substrate Overlap between Mrp4 and Abcg2/Bcrp Affects Purine Analogue Drug Cytotoxicity and Tissue Distribution. <i>Cancer Research</i> , 2007, 67, 6965-6972.	0.4	89
47	Function-dependent Conformational Changes of the ABCG2 Multidrug Transporter Modify Its Interaction with a Monoclonal Antibody on the Cell Surface. <i>Journal of Biological Chemistry</i> , 2005, 280, 4219-4227.	1.6	87
48	The ABC Transporter Abcg2/Bcrp: Role in Hypoxia Mediated Survival. <i>BioMetals</i> , 2005, 18, 349-358.	1.8	85
49	Prostaglandin signalling regulates ciliogenesis by modulating intraflagellar transport. <i>Nature Cell Biology</i> , 2014, 16, 841-851.	4.6	84
50	Involvement of MRP4 (ABCC4) in the Luminal Efflux of Ceftizoxime and Cefazolin in the Kidney. <i>Molecular Pharmacology</i> , 2007, 71, 1591-1597.	1.0	83
51	Involvement of Multiple Efflux Transporters in Hepatic Disposition of Fexofenadine. <i>Molecular Pharmacology</i> , 2008, 73, 1474-1483.	1.0	83
52	Characterization of a cDNA encoding a new member of the glucocorticoid-responsive cytochromes P450 in human liver. <i>Archives of Biochemistry and Biophysics</i> , 1989, 274, 355-365.	1.4	79
53	Induction of Cytochrome P4503A by Taxol in Primary Cultures of Human Hepatocytes. <i>Archives of Biochemistry and Biophysics</i> , 1998, 355, 131-136.	1.4	76
54	Cyclic Nucleotide Compartmentalization: Contributions of Phosphodiesterases and ATP-Binding Cassette Transporters. <i>Annual Review of Pharmacology and Toxicology</i> , 2013, 53, 231-253.	4.2	71

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55	Obstacles to Brain Tumor Therapy: Key ABC Transporters. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2544.	1.8	67
56	Abcb11 Deficiency Induces Cholestasis Coupled to Impaired δ^2 -Fatty Acid Oxidation in Mice. <i>Journal of Biological Chemistry</i> , 2012, 287, 24784-24794.	1.6	63
57	Increasing Systemic Exposure of Methotrexate by Active Efflux Mediated by Multidrug Resistance-Associated Protein 3 (Mrp3/Abcc3). <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2008, 327, 465-473.	1.3	62
58	Induction of Mdr1b expression by tumor necrosis factor- α in rat liver cells is independent of p53 but requires NF- κ B signaling. <i>Hepatology</i> , 2001, 33, 1425-1431.	3.6	61
59	A Common Polymorphism in the Bile Acid Receptor Farnesoid X Receptor Is Associated with Decreased Hepatic Target Gene Expression. <i>Molecular Endocrinology</i> , 2007, 21, 1769-1780.	3.7	61
60	cGMP transport by vesicles from human and mouse erythrocytes. <i>FEBS Journal</i> , 2007, 274, 439-450.	2.2	61
61	Nonsense mediated decay downregulates conserved alternatively spliced ABCC4 transcripts bearing nonsense codons. <i>Human Molecular Genetics</i> , 2003, 12, 99-109.	1.4	60
62	ATP-dependent Mitochondrial Porphyrin Importer ABCB6 Protects against Phenylhydrazine Toxicity. <i>Journal of Biological Chemistry</i> , 2012, 287, 12679-12690.	1.6	57
63	The Role of ABCG2 and ABCB6 in Porphyrin Metabolism and Cell Survival. <i>Current Pharmaceutical Biotechnology</i> , 2011, 12, 647-655.	0.9	56
64	A method for the synchronization of cultured cells with aphidicolin: Application to the large-scale synchronization of L1210 cells and the study of the cell cycle regulation of thymidylate synthase and dihydrofolate reductase. <i>Analytical Biochemistry</i> , 1989, 182, 338-345.	1.1	55
65	Sp1 and Egr-1 Have Opposing Effects on the Regulation of the RatPgp2/mdr1b Gene. <i>Journal of Biological Chemistry</i> , 1999, 274, 3199-3206.	1.6	54
66	Therapeutic and biological importance of getting nucleotides out of cells: a case for the ABC transporters, MRP4 and 5. <i>Advanced Drug Delivery Reviews</i> , 2002, 54, 1333-1342.	6.6	54
67	Evaluation of the Role of Breast Cancer Resistance Protein (BCRP/ABCG2) and Multidrug Resistance-Associated Protein 4 (MRP4/ABCC4) in The Urinary Excretion of Sulfate and Glucuronide Metabolites of Edaravone (MCI-186; 3-Methyl-1-phenyl-2-pyrazolin-5-one). <i>Drug Metabolism and Disposition</i> , 2007, 35, 2045-2052.	1.7	51
68	Phenotypic variability in induction of p-glycoprotein mRNA by aromatic hydrocarbons in primary human hepatocytes. <i>Molecular Carcinogenesis</i> , 1995, 12, 61-65.	1.3	49
69	Beyond Competitive Inhibition: Regulation of ABC Transporters by Kinases and Protein-Protein Interactions as Potential Mechanisms of Drug-Drug Interactions. <i>Drug Metabolism and Disposition</i> , 2018, 46, 567-580.	1.7	49
70	Cell Survival under Stress Is Enhanced by a Mitochondrial ATP-Binding Cassette Transporter That Regulates Hemoproteins. <i>Cancer Research</i> , 2009, 69, 5560-5567.	0.4	48
71	Promoter and intronic sequences of the human thiopurine S-methyltransferase (TPMT) gene isolated from a human PAC1 genomic library. <i>Pharmaceutical Research</i> , 1997, 14, 1672-1678.	1.7	47
72	Carboxylesterase-Mediated Sensitization of Human Tumor Cells to CPT-11 Cannot Override ABCG2-Mediated Drug Resistance. <i>Molecular Pharmacology</i> , 2003, 64, 279-288.	1.0	45

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73	The ABCB4 membrane transporter modulates platelet aggregation. <i>Blood</i> , 2015, 126, 2307-2319.	0.6	41
74	Contribution of Abcc4-Mediated Gastric Transport to the Absorption and Efficacy of Dasatinib. <i>Clinical Cancer Research</i> , 2013, 19, 4359-4370.	3.2	40
75	Deficiency of ATP-Binding Cassette Transporter B6 in Megakaryocyte Progenitors Accelerates Atherosclerosis in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 751-758.	1.1	40
76	Human Immunodeficiency Virus Protease Inhibitors Interact with ATP Binding Cassette Transporter 4/Multidrug Resistance Protein 4: A Basis for Unanticipated Enhanced Cytotoxicity. <i>Molecular Pharmacology</i> , 2013, 84, 361-371.	1.0	38
77	Zebrafish abcb11b mutant reveals strategies to restore bile excretion impaired by bile salt export pump deficiency. <i>Hepatology</i> , 2018, 67, 1531-1545.	3.6	38
78	Expression of the Pregnane X Receptor in Mice Antagonizes the Cholic Acid-Mediated Changes in Plasma Lipoprotein Profile. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005, 25, 2164-2169.	1.1	37
79	Conserved Intramolecular Disulfide Bond Is Critical to Trafficking and Fate of ATP-binding Cassette (ABC) Transporters ABCB6 and Sulfonylurea Receptor 1 (SUR1)/ABCC8. <i>Journal of Biological Chemistry</i> , 2011, 286, 8481-8492.	1.6	37
80	Deregulated Hepatic Metabolism Exacerbates Impaired Testosterone Production in Mrp4-deficient Mice. <i>Journal of Biological Chemistry</i> , 2012, 287, 14456-14466.	1.6	37
81	Leukemia and ABC Transporters. <i>Advances in Cancer Research</i> , 2015, 125, 171-196.	1.9	37
82	The severity of hereditary porphyria is modulated by the porphyrin exporter and Lan antigen ABCB6. <i>Nature Communications</i> , 2016, 7, 12353.	5.8	37
83	Upregulated heme biosynthesis, an exploitable vulnerability in MYCN-driven leukemogenesis. <i>JCI Insight</i> , 2017, 2, .	2.3	37
84	ABCB6, an ABC Transporter Impacting Drug Response and Disease. <i>AAPS Journal</i> , 2018, 20, 8.	2.2	36
85	Divergent effects of cycloheximide on the induction of Class II and Class III cytochrome P450 mRNAs in cultures of adult rat hepatocytes. <i>Archives of Biochemistry and Biophysics</i> , 1990, 281, 204-211.	1.4	35
86	Maternal bile acid transporter deficiency promotes neonatal demise. <i>Nature Communications</i> , 2015, 6, 8186.	5.8	34
87	Regulation of gene expression by miR-144/451 during mouse erythropoiesis. <i>Blood</i> , 2019, 133, 2518-2528.	0.6	33
88	The Role of Transporters in Toxicity and Disease. <i>Drug Metabolism and Disposition</i> , 2014, 42, 541-545.	1.7	32
89	Compartmentalized Accumulation of cAMP near Complexes of Multidrug Resistance Protein 4 (MRP4) and Cystic Fibrosis Transmembrane Conductance Regulator (CFTR) Contributes to Drug-induced Diarrhea. <i>Journal of Biological Chemistry</i> , 2015, 290, 11246-11257.	1.6	32
90	ABCG2 Transporter Expression Impacts Group 3 Medulloblastoma Response to Chemotherapy. <i>Cancer Research</i> , 2015, 75, 3879-3889.	0.4	30

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91	ABCG2 requires a single aromatic amino acid to clamp substrates and inhibitors into the binding pocket. <i>FASEB Journal</i> , 2020, 34, 4890-4903.	0.2	30
92	Deoxycytidine Kinase Modulates the Impact of the ABC Transporter ABCG2 on Clofarabine Cytotoxicity. <i>Cancer Research</i> , 2011, 71, 1781-1791.	0.4	29
93	Multi-drug Resistance Protein 4 (MRP4)-mediated Regulation of Fibroblast Cell Migration Reflects a Dichotomous Role of Intracellular Cyclic Nucleotides. <i>Journal of Biological Chemistry</i> , 2013, 288, 3786-3794.	1.6	29
94	Tobacco carcinogen NNK transporter MRP2 regulates CFTR function in lung epithelia: Implications for lung cancer. <i>Cancer Letters</i> , 2010, 292, 246-253.	3.2	28
95	Regulation of human liver cytochromes P-450 in family 3A in primary and continuous culture of human hepatocytes. <i>Hepatology</i> , 1993, 18, 1254-1262.	3.6	28
96	Isolation of rat pgp3 cDNA: evidence for gender and zonal regulation of expression in the liver. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1994, 1219, 636-644.	2.4	27
97	A novel role for OATP2A1/SLCO2A1 in a murine model of colon cancer. <i>Scientific Reports</i> , 2017, 7, 16567.	1.6	26
98	Investigation of the Importance of Multidrug Resistance-Associated Protein 4 (Mrp4/ Abcc4) in the Active Efflux of Anionic Drugs Across the Blood-Brain Barrier. <i>Journal of Pharmaceutical Sciences</i> , 2017, 106, 2566-2575.	1.6	25
99	Protection against chemotherapy-induced alopecia: targeting ATP-binding cassette transporters in the hair follicle?. <i>Trends in Pharmacological Sciences</i> , 2013, 34, 599-604.	4.0	24
100	Suppression of the ATP-binding cassette transporter ABCC4 impairs neuroblastoma tumour growth and sensitises to irinotecan in vivo. <i>European Journal of Cancer</i> , 2017, 83, 132-141.	1.3	24
101	Bromocriptine Transcriptionally Activates the Multidrug Resistance Gene (pgp2/mdr1b) by a Novel Pathway. <i>Journal of Biological Chemistry</i> , 1997, 272, 11518-11525.	1.6	22
102	An unexpected protein interaction promotes drug resistance in leukemia. <i>Nature Communications</i> , 2017, 8, 1547.	5.8	19
103	Induction of P-Glycoprotein mRNA by protein synthesis inhibition is not controlled by a transcriptional repressor protein in rat and human liver cells. <i>Journal of Cellular Physiology</i> , 1995, 165, 261-272.	2.0	17
104	Mdr1b facilitates p53-mediated cell death and p53 is required for Mdr1b upregulation in vivo. <i>Oncogene</i> , 2001, 20, 303-313.	2.6	17
105	Influence of Multidrug Resistance-Associated Proteins on the Excretion of the ABCC1 Imaging Probe 6-Bromo-7-[11C]Methylpurine in Mice. <i>Molecular Imaging and Biology</i> , 2019, 21, 306-316.	1.3	15
106	PKA and actin play critical roles as downstream effectors in MRP4-mediated regulation of fibroblast migration. <i>Cellular Signalling</i> , 2015, 27, 1345-1355.	1.7	13
107	Unimpaired immune functions in the absence of Mrp4 (Abcc4). <i>Immunology Letters</i> , 2009, 124, 81-87.	1.1	12
108	Isolation of CYP3A5P cDNA from human liver: a reflection of a novel cytochrome P-450 pseudogene. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1995, 1261, 161-165.	2.4	10

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109	Differential effects of thiopurine methyltransferase (TPMT) and multidrug resistance-associated protein gene 4 (MRP4) on mercaptopurine toxicity. <i>Cancer Chemotherapy and Pharmacology</i> , 2017, 80, 287-293.	1.1	10
110	An ABC Transporter Drives Medulloblastoma Pathogenesis by Regulating Sonic Hedgehog Signaling. <i>Cancer Research</i> , 2020, 80, 1524-1537.	0.4	10
111	Apoptosome activation, an important molecular instigator in 6-mercaptopurine induced Leydig cell death. <i>Scientific Reports</i> , 2015, 5, 16488.	1.6	8
112	The Heme-Regulated Inhibitor Pathway Modulates Susceptibility of Poor Prognosis B-Lineage Acute Leukemia to BH3-Mimetics. <i>Molecular Cancer Research</i> , 2021, 19, 636-650.	1.5	8
113	Crucial Role for Phylogenetically Conserved Cytoplasmic Loop 3 in ABCC4 Protein Expression. <i>Journal of Biological Chemistry</i> , 2013, 288, 22207-22218.	1.6	7
114	Influence of ABC transporters on the excretion of ciprofloxacin assessed with PET imaging in mice. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 163, 105854.	1.9	7
115	Forskolin Modifies Retinal Vascular Development in Mrp4-Knockout Mice. , 2012, 53, 8029.		6
116	Using Pharmacology to Squeeze the Life Out of Childhood Leukemia, and Potential Strategies to Achieve Breakthroughs in Medulloblastoma Treatment. <i>Pharmacological Reviews</i> , 2020, 72, 668-691.	7.1	6
117	Metabolomic and transcriptomic analysis reveals endogenous substrates and metabolic adaptation in rats lacking Abcg2 and Abcb1a transporters. <i>PLoS ONE</i> , 2021, 16, e0253852.	1.1	6
118	Lack of multidrug resistance-associated protein 4 (Mrp4) alters the kinetics of acetaminophen toxicity. <i>Toxicology Reports</i> , 2019, 6, 841-849.	1.6	5
119	N-Myc Is Overexpressed In Both Murine and Human Early T-Cell Precursor Leukemia and Is Sufficient To Initiate this Leukemia In Multipotent Primitive Arf-/- thymocytes. <i>Blood</i> , 2013, 122, 348-348.	0.6	5
120	Multidrug resistance-associated protein 4 (Mrp4) is a novel genetic factor in the pathogenesis of obesity and diabetes. <i>FASEB Journal</i> , 2021, 35, e21304.	0.2	4
121	The Effects of Prolonged Treatment with Zidovudine, Lamivudine, and Abacavir on a T-Lymphoblastoid Cell Line. <i>AIDS Research and Human Retroviruses</i> , 2006, 22, 960-967.	0.5	3
122	Development and validation of an LC-MS/MS method to quantify the bromodomain and extra-terminal (BET) inhibitor JQ1 in mouse plasma and brain microdialysate: Application to cerebral microdialysis study. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 204, 114274.	1.4	3
123	Reduced Folate Carrier Expression in Acute Lymphoblastic Leukemia: A Mechanism for Ploidy but not Lineage Differences in Methotrexate Accumulation. <i>Blood</i> , 1999, 93, 1643-1650.	0.6	3
124	The Absence of Mrp4 Has No Effect on the Recruitment of Neutrophils and Eosinophils into the Lung after LPS, Cigarette Smoke or Allergen Challenge. <i>PLoS ONE</i> , 2013, 8, e61193.	1.1	3
125	Lack of Multidrug Resistance-associated Protein 4 Prolongs Partial Hepatectomy-induced Hepatic Steatosis. <i>Toxicological Sciences</i> , 2020, 175, 301-311.	1.4	2
126	p53-Mediated Regulation of Expression of a Rabbit Liver Carboxylesterase Confers Sensitivity to 7-Ethyl-10-[4-(1-piperidino)-1-piperidino]carbonyloxycamptothecin (CPT-11). <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2003, 304, 699-705.	1.3	1

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127	Metabolic switching in pluripotent stem cells reorganizes energy metabolism and subcellular organelles. <i>Experimental Cell Research</i> , 2019, 379, 55-64.	1.2	1
128	The ABC transporter Bcrp1/ABCG2 is expressed in a wide variety of stem cells and is a molecular determinant of the side-population phenotype. , 0, .		1
129	Biology of Mitochondrial ABCs and Their Contribution to Pathology. , 2016, , 273-296.		0
130	â€œOMICsâ€ reveal the molecular basis of a rare blood group. <i>Blood</i> , 2020, 135, 396-397.	0.6	0
131	The ABCs of Mitochondrial Metabolic Disorders. , 2011, , 181-208.		0
132	Deregulated Hepatic Metabolism Exacerbates Impaired Testosterone Production in Mrp4â€ Deficient Mice. <i>FASEB Journal</i> , 2012, 26, .	0.2	0
133	The ABC transporter Mrp4/Abcc4 is required for Leydig cell protection from chemotherapeutic drugs. <i>FASEB Journal</i> , 2013, 27, 891.9.	0.2	0
134	Cyclic nucleotide dependent regulation of fibroblast migration by multi drug resistant protein 4. <i>FASEB Journal</i> , 2013, 27, 729.17.	0.2	0
135	A Role For a Multi-Drug Resistance Protein (MRP4/ABCC4) In Pediatric Acute Myeloid Leukemia (AML). <i>Blood</i> , 2013, 122, 2518-2518.	0.6	0
136	Exploiting ABCG2 Inhibition to Improve Cancer Therapy. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, OR34-4.	0.0	0
137	Is Inhibitor Binding the Sole Requirement in Determining Inhibition of ABCG2 Mediated Transport?. <i>FASEB Journal</i> , 2018, 32, 693.9.	0.2	0
138	Genetic Ablation of the ABC Transporter Abcc4 Impairs Lymphoid Leukemogenesis. <i>FASEB Journal</i> , 2018, 32, 695.15.	0.2	0
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