John D Schuetz

List of Publications by Year in descending order

146 papers	15,344 citations	23567 58 h-index	17592 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. Nature Medicine, 2001, 7, 1028-1034.	30.7	2,145
2	Identification of functionally variant MDR1 alleles among European Americans and African Americans. Clinical Pharmacology and Therapeutics, 2001, 70, 189-199.	4.7	883
3	The Stem Cell Marker Bcrp/ABCG2 Enhances Hypoxic Cell Survival through Interactions with Heme. Journal of Biological Chemistry, 2004, 279, 24218-24225.	3.4	568
4	MRP4: A previously unidentified factor in resistance to nucleoside-based antiviral drugs. Nature Medicine, 1999, 5, 1048-1051.	30.7	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. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 12339-12344.	7.1	480
6	Mrp4 Confers Resistance to Topotecan and Protects the Brain from Chemotherapy. Molecular and Cellular Biology, 2004, 24, 7612-7621.	2.3	403
7	Anti-apoptotic MCL-1 localizes to the mitochondrial matrix and couples mitochondrial fusionÂto respiration. Nature Cell Biology, 2012, 14, 575-583.	10.3	347
8	Disrupted Bile Acid Homeostasis Reveals an Unexpected Interaction among Nuclear Hormone Receptors, Transporters, and Cytochrome P450. Journal of Biological Chemistry, 2001, 276, 39411-39418.	3.4	343
9	Identification of a mammalian mitochondrial porphyrin transporter. Nature, 2006, 443, 586-589.	27.8	320
10	High-Affinity Interaction of Tyrosine Kinase Inhibitors with the ABCG2 Multidrug Transporter. Molecular Pharmacology, 2004, 65, 1485-1495.	2.3	316
11	Imatinib Mesylate Is a Potent Inhibitor of the ABCG2 (BCRP) Transporter and Reverses Resistance to Topotecan and SN-38 in Vitro. Cancer Research, 2004, 64, 2333-2337.	0.9	312
12	Steroid and bile acid conjugates are substrates of human multidrug-resistance protein (MRP) 4 (ATP-binding cassette C4). Biochemical Journal, 2003, 371, 361-367.	3.7	291
13	Functional Involvement of Multidrug Resistance-Associated Protein 4 (MRP4/ABCC4) in the Renal Elimination of the Antiviral Drugs Adefovir and Tenofovir. Molecular Pharmacology, 2007, 71, 619-627.	2.3	266
14	Natural allelic variants of breast cancer resistance protein (BCRP) and their relationship to BCRP expression in human intestine. Pharmacogenetics and Genomics, 2003, 13, 19-28.	5.7	264
15	Genetic polymorphism of thiopurine S-methyltransferase: clinical importance and molecular mechanisms. Pharmacogenetics and Genomics, 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. Gastroenterology, 2003, 125, 825-838.	1.3	252
17	17Î²-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. Archives of Biochemistry and Biophysics, 1992, 293, 342-348.	3.0	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. Journal of Biological Chemistry, 2004, 279, 22250-22257.	3.4	211
20	Application of Three-Dimensional Quantitative Structure-Activity Relationships of P-Glycoprotein Inhibitors and Substrates. Molecular Pharmacology, 2002, 61, 974-981.	2.3	204
21	Deletion of MCL-1 causes lethal cardiac failure and mitochondrial dysfunction. Genes and Development, 2013, 27, 1351-1364.	5.9	203
22	Mutant p53 Cooperates with ETS and Selectively Up-regulates Human MDR1 Not MRP1. Journal of Biological Chemistry, 2001, 276, 39359-39367.	3.4	202
23	Gefitinib Enhances the Antitumor Activity and Oral Bioavailability of Irinotecan in Mice. Cancer Research, 2004, 64, 7491-7499.	0.9	193
24	6Âì¸7Âì•Dihydroxybergamottin in grapefruit juice and Seville orange juice: Effects on cyclosporine disposition, enterocyte CYP3A4, and P-glycoprotein. Clinical Pharmacology and Therapeutics, 1999, 65, 237-244.	4.7	191
25	Spatiotemporal Coupling of cAMP Transporter to CFTR Chloride Channel Function in the Gut Epithelia. Cell, 2007, 131, 940-951.	28.9	191
26	Three-Dimensional Quantitative Structure-Activity Relationships of Inhibitors of P-Glycoprotein. Molecular Pharmacology, 2002, 61, 964-973.	2.3	179
27	Regulation of human liver cytochromes P-450 in family 3A in primary and continuous culture of human hepatocytes. Hepatology, 1993, 18, 1254-1262.	7.3	176
28	Plasma Membrane Localization of Multidrug Resistance-Associated Protein Homologs in Brain Capillary Endothelial Cells. Journal of Pharmacology and Experimental Therapeutics, 2004, 311, 449-455.	2.5	168
29	Mrp4â^'/â^' mice have an impaired cytoprotective response in obstructive cholestasis. Hepatology, 2006, 43, 1013-1021.	7.3	164
30	Multidrug resistance-associated protein 4 is up-regulated in liver but down-regulated in kidney in obstructive cholestasis in the rat. Journal of Hepatology, 2004, 40, 585-591.	3.7	161
31	Gefitinib Modulates the Function of Multiple ATP-Binding Cassette Transporters In vivo. Cancer Research, 2006, 66, 4802-4807.	0.9	154
32	Two new genes from the human ATP-binding cassette transporter superfamily, ABCC11 and ABCC12, tandemly duplicated on chromosome 16q12. Gene, 2001, 273, 89-96.	2.2	143
33	Expression of cytochrome P450 3A in amphibian, rat, and human kidney. Archives of Biochemistry and Biophysics, 1992, 294, 206-214.	3.0	142
34	[42] Use of human hepatocytes to study P450 gene induction. Methods in Enzymology, 1996, 272, 388-401.	1.0	141
35	Interaction of Cytochrome P450 3A Inhibitors with P-Glycoprotein. Journal of Pharmacology and Experimental Therapeutics, 2002, 303, 323-332.	2.5	134
36	Transporter-Mediated Protection against Thiopurine-Induced Hematopoietic Toxicity. Cancer Research, 2008, 68, 4983-4989.	0.9	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. Drug Metabolism and Disposition, 2007, 35, 2166-2176.	3.3	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). Drug Metabolism and Disposition, 2009, 37, 315-321.	3.3	121
39	Multidrug Resistanceâ€“Associated Protein 4 Is Involved in the Urinary Excretion of Hydrochlorothiazide and Furosemide. Journal of the American Society of Nephrology: JASN, 2007, 18, 37-45.	6.1	107
40	Reduced Folate Carrier Expression in Acute Lymphoblastic Leukemia: A Mechanism for Ploidy but not Lineage Differences in Methotrexate Accumulation. Blood, 1999, 93, 1643-1650.	1.4	105
41	CHARACTERIZATION OF TRANSPORT PROTEIN EXPRESSION IN MULTIDRUG RESISTANCE-ASSOCIATED PROTEIN (MRP) 2-DEFICIENT RATS. Drug Metabolism and Disposition, 2006, 34, 556-562.	3.3	105
42	ABC transporters and their role in nucleoside and nucleotide drug resistance. Biochemical Pharmacology, 2012, 83, 1073-1083.	4.4	97
43	Differences in Folylpolyglutamate Synthetase and Dihydrofolate Reductase Expression in Human B-Lineage versus T-Lineage Leukemic Lymphoblasts: Mechanisms for Lineage Differences in Methotrexate Polyglutamylation and Cytotoxicity. Molecular Pharmacology, 1997, 52, 155-163.	2.3	95
44	The Arachidonic Acid Metabolome Serves as a Conserved Regulator of Cholesterol Metabolism. Cell Metabolism, 2014, 20, 787-798.	16.2	92
45	HumanMDR1and Mousemdr1aP-Glycoprotein Alter the Cellular Retention and Disposition of Erythromycin, but Not of Retinoic Acid or Benzo(a)pyrene. Archives of Biochemistry and Biophysics, 1998, 350, 340-347.	3.0	90
46	Substrate Overlap between Mrp4 and Abcg2/Bcrp Affects Purine Analogue Drug Cytotoxicity and Tissue Distribution. Cancer Research, 2007, 67, 6965-6972.	0.9	89
47	Function-dependent Conformational Changes of the ABCG2 Multidrug Transporter Modify Its Interaction with a Monoclonal Antibody on the Cell Surface. Journal of Biological Chemistry, 2005, 280, 4219-4227.	3.4	87
48	The ABC Transporter Abcg2/Bcrp: Role in Hypoxia Mediated Survival. BioMetals, 2005, 18, 349-358.	4.1	85
49	Prostaglandin signalling regulates ciliogenesis by modulating intraflagellar transport. Nature Cell Biology, 2014, 16, 841-851.	10.3	84
50	Involvement of MRP4 (ABCC4) in the Luminal Efflux of Ceftizoxime and Cefazolin in the Kidney. Molecular Pharmacology, 2007, 71, 1591-1597.	2.3	83
51	Involvement of Multiple Efflux Transporters in Hepatic Disposition of Fexofenadine. Molecular Pharmacology, 2008, 73, 1474-1483.	2.3	83
52	Characterization of a cDNA encoding a new member of the glucocorticoid-responsive cytochromes P450 in human liver. Archives of Biochemistry and Biophysics, 1989, 274, 355-365.	3.0	79
53	Induction of Cytochrome P4503A by Taxol in Primary Cultures of Human Hepatocytes. Archives of Biochemistry and Biophysics, 1998, 355, 131-136.	3.0	76
54	Cyclic Nucleotide Compartmentalization: Contributions of Phosphodiesterases and ATP-Binding Cassette Transporters. Annual Review of Pharmacology and Toxicology, 2013, 53, 231-253.	9.4	71

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55	Obstacles to Brain Tumor Therapy: Key ABC Transporters. International Journal of Molecular Sciences, 2017, 18, 2544.	4.1	67
56	Abcb11 Deficiency Induces Cholestasis Coupled to Impaired Î²-Fatty Acid Oxidation in Mice. Journal of Biological Chemistry, 2012, 287, 24784-24794.	3.4	63
57	Increasing Systemic Exposure of Methotrexate by Active Efflux Mediated by Multidrug Resistance-Associated Protein 3 (Mrp3/Abcc3). Journal of Pharmacology and Experimental Therapeutics, 2008, 327, 465-473.	2.5	62
58	Induction of Mdr1b expression by tumor necrosis factor-Î± in rat liver cells is independent of p53 but requires NF-ÎºB signaling. Hepatology, 2001, 33, 1425-1431.	7.3	61
59	A Common Polymorphism in the Bile Acid Receptor Farnesoid X Receptor Is Associated with Decreased Hepatic Target Gene Expression. Molecular Endocrinology, 2007, 21, 1769-1780.	3.7	61
60	cGMP transport by vesicles from human and mouse erythrocytes. FEBS Journal, 2007, 274, 439-450.	4.7	61
61	Nonsense mediated decay downregulates conserved alternatively spliced ABCC4 transcripts bearing nonsense codons. Human Molecular Genetics, 2003, 12, 99-109.	2.9	60
62	ATP-dependent Mitochondrial Porphyrin Importer ABCB6 Protects against Phenylhydrazine Toxicity. Journal of Biological Chemistry, 2012, 287, 12679-12690.	3.4	57
63	The Role of ABCG2 and ABCB6 in Porphyrin Metabolism and Cell Survival. Current Pharmaceutical Biotechnology, 2011, 12, 647-655.	1.6	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. Analytical Biochemistry, 1989, 182, 338-345.	2.4	55
65	Sp1 and Egr-1 Have Opposing Effects on the Regulation of the RatPgp2/mdr1b Gene. Journal of Biological Chemistry, 1999, 274, 3199-3206.	3.4	54
66	Therapeutic and biological importance of getting nucleotides out of cells: a case for the ABC transporters, MRP4 and 5. Advanced Drug Delivery Reviews, 2002, 54, 1333-1342.	13.7	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). Drug Metabolism and Disposition, 2007, 35, 2045-2052.	3.3	51
68	Phenotypic variability in induction of p-glycoprotein mrna by aromatic hydrocarbons in primary human hepatocytes. Molecular Carcinogenesis, 1995, 12, 61-65.	2.7	49
69	Beyond Competitive Inhibition: Regulation of ABC Transporters by Kinases and Protein-Protein Interactions as Potential Mechanisms of Drug-Drug Interactions. Drug Metabolism and Disposition, 2018, 46, 567-580.	3.3	49
70	Cell Survival under Stress Is Enhanced by a Mitochondrial ATP-Binding Cassette Transporter That Regulates Hemoproteins. Cancer Research, 2009, 69, 5560-5567.	0.9	48
71	Promoter and intronic sequences of the human thiopurine S-methyltransferase (TPMT) gene isolated from a human PAC1 genomic library. Pharmaceutical Research, 1997, 14, 1672-1678.	3.5	47
72	Carboxylesterase-Mediated Sensitization of Human Tumor Cells to CPT-11 Cannot Override ABCG2-Mediated Drug Resistance. Molecular Pharmacology, 2003, 64, 279-288.	2.3	45

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73	The ABCC4 membrane transporter modulates platelet aggregation. Blood, 2015, 126, 2307-2319.	1.4	41
74	Contribution of Abcc4-Mediated Gastric Transport to the Absorption and Efficacy of Dasatinib. Clinical Cancer Research, 2013, 19, 4359-4370.	7.0	40
75	Deficiency of ATP-Binding Cassette Transporter B6 in Megakaryocyte Progenitors Accelerates Atherosclerosis in Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 751-758.	2.4	40
76	Human Immunodeficiency Virus Protease Inhibitors Interact with ATP Binding Cassette Transporter 4/Multidrug Resistance Protein 4: A Basis for Unanticipated Enhanced Cytotoxicity. Molecular Pharmacology, 2013, 84, 361-371.	2.3	38
77	Zebrafish abcb11b mutant reveals strategies to restore bile excretion impaired by bile salt export pump deficiency. Hepatology, 2018, 67, 1531-1545.	7.3	38
78	Expression of the Pregnane X Receptor in Mice Antagonizes the Cholic Acidâ€“Mediated Changes in Plasma Lipoprotein Profile. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 2164-2169.	2.4	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. Journal of Biological Chemistry, 2011, 286, 8481-8492.	3.4	37
80	Deregulated Hepatic Metabolism Exacerbates Impaired Testosterone Production in Mrp4-deficient Mice. Journal of Biological Chemistry, 2012, 287, 14456-14466.	3.4	37
81	Leukemia and ABC Transporters. Advances in Cancer Research, 2015, 125, 171-196.	5.0	37
82	The severity of hereditary porphyria is modulated by the porphyrin exporter and Lan antigen ABCB6. Nature Communications, 2016, 7, 12353.	12.8	37
83	Upregulated heme biosynthesis, an exploitable vulnerability in MYCN-driven leukemogenesis. JCI Insight, 2017, 2, .	5.0	37
84	ABCB6, an ABC Transporter Impacting Drug Response and Disease. AAPS Journal, 2018, 20, 8.	4.4	36
85	Divergent effects of cycloheximide on the induction of Class II and Class III cytochrome P450 mRNAs in cultures of adult rat hepatocytes. Archives of Biochemistry and Biophysics, 1990, 281, 204-211.	3.0	35
86	Maternal bile acid transporter deficiency promotes neonatal demise. Nature Communications, 2015, 6, 8186.	12.8	34
87	Regulation of gene expression by miR-144/451 during mouse erythropoiesis. Blood, 2019, 133, 2518-2528.	1.4	33
88	The Role of Transporters in Toxicity and Disease. Drug Metabolism and Disposition, 2014, 42, 541-545.	3.3	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. Journal of Biological Chemistry, 2015, 290, 11246-11257.	3.4	32
90	ABCG2 Transporter Expression Impacts Group 3 Medulloblastoma Response to Chemotherapy. Cancer Research, 2015, 75, 3879-3889.	0.9	30

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91	ABCG2 requires a single aromatic amino acid to â€œclampâ€•substrates and inhibitors into the binding pocket. FASEB Journal, 2020, 34, 4890-4903.	0.5	30
92	Deoxycytidine Kinase Modulates the Impact of the ABC Transporter ABCG2 on Clofarabine Cytotoxicity. Cancer Research, 2011, 71, 1781-1791.	0.9	29
93	Multi-drug Resistance Protein 4 (MRP4)-mediated Regulation of Fibroblast Cell Migration Reflects a Dichotomous Role of Intracellular Cyclic Nucleotides. Journal of Biological Chemistry, 2013, 288, 3786-3794.	3.4	29
94	Tobacco carcinogen NNK transporter MRP2 regulates CFTR function in lung epithelia: Implications for lung cancer. Cancer Letters, 2010, 292, 246-253.	7.2	28
95	Regulation of human liver cytochromes P-450 in family 3A in primary and continuous culture of human hepatocytes. Hepatology, 1993, 18, 1254-1262.	7.3	28
96	Isolation of rat pgp3 cDNA: evidence for gender and zonal regulation of expression in the liver. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 1994, 1219, 636-644.	2.4	27
97	A novel role for OATP2A1/SLCO2A1 in a murine model of colon cancer. Scientific Reports, 2017, 7, 16567.	3.3	26
98	Investigation of the Importance of Multidrug Resistance-Associated Protein 4 (Mrp4/ Abcc4) in the Active Efflux of Anionic Drugs Across the Bloodâ€“Brain Barrier. Journal of Pharmaceutical Sciences, 2017, 106, 2566-2575.	3.3	25
99	Protection against chemotherapy-induced alopecia: targeting ATP-binding cassette transporters in the hair follicle?. Trends in Pharmacological Sciences, 2013, 34, 599-604.	8.7	24
100	Suppression of the ATP-binding cassette transporter ABCC4 impairs neuroblastoma tumour growth and sensitises to irinotecan inÂvivo. European Journal of Cancer, 2017, 83, 132-141.	2.8	24
101	Bromocriptine Transcriptionally Activates the Multidrug Resistance Gene (pgp2/mdr1b) by a Novel Pathway. Journal of Biological Chemistry, 1997, 272, 11518-11525.	3.4	22
102	An unexpected protein interaction promotes drug resistance in leukemia. Nature Communications, 2017, 8, 1547.	12.8	19
103	Induction of P-Glycorprotein mRNA by protein synthesis inhibition is not controlled by a transcriptional repressor protein in rat and human liver cells. Journal of Cellular Physiology, 1995, 165, 261-272.	4.1	17
104	Mdr1b facilitates p53-mediated cell death and p53 is required for Mdr1b upregulation in vivo. Oncogene, 2001, 20, 303-313.	5.9	17
105	Influence of Multidrug Resistance-Associated Proteins on the Excretion of the ABCC1 Imaging Probe 6-Bromo-7-[11C]Methylpurine in Mice. Molecular Imaging and Biology, 2019, 21, 306-316.	2.6	15
106	PKA and actin play critical roles as downstream effectors in MRP4-mediated regulation of fibroblast migration. Cellular Signalling, 2015, 27, 1345-1355.	3.6	13
107	Unimpaired immune functions in the absence of Mrp4 (Abcc4). Immunology Letters, 2009, 124, 81-87.	2.5	12
108	Isolation of CYP3A5P cDNA from human liver: a reflection of a novel cytochrome P-450 pseudogene. Biochimica Et Biophysica Acta Gene Regulatory Mechanisms, 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. Cancer Chemotherapy and Pharmacology, 2017, 80, 287-293.	2.3	10
110	An ABC Transporter Drives Medulloblastoma Pathogenesis by Regulating Sonic Hedgehog Signaling. Cancer Research, 2020, 80, 1524-1537.	0.9	10
111	Apoptosome activation, an important molecular instigator in 6-mercaptopurine induced Leydig cell death. Scientific Reports, 2015, 5, 16488.	3.3	8
112	The Heme-Regulated Inhibitor Pathway Modulates Susceptibility of Poor Prognosis B-Lineage Acute Leukemia to BH3-Mimetics. Molecular Cancer Research, 2021, 19, 636-650.	3.4	8
113	Crucial Role for Phylogenetically Conserved Cytoplasmic Loop 3 in ABCC4 Protein Expression. Journal of Biological Chemistry, 2013, 288, 22207-22218.	3.4	7
114	Influence of ABC transporters on the excretion of ciprofloxacin assessed with PET imaging in mice. European Journal of Pharmaceutical Sciences, 2021, 163, 105854.	4.0	7
115	Forskolin Modifies Retinal Vascular Development inMrp4-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. Pharmacological Reviews, 2020, 72, 668-691.	16.0	6
117	Metabolomic and transcriptomic analysis reveals endogenous substrates and metabolic adaptation in rats lacking Abcg2 and Abcb1a transporters. PLoS ONE, 2021, 16, e0253852.	2.5	6
118	Lack of multidrug resistance-associated protein 4 (Mrp4) alters the kinetics of acetaminophen toxicity. Toxicology Reports, 2019, 6, 841-849.	3.3	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. Blood, 2013, 122, 348-348.	1.4	5
120	Multidrug resistanceâ€associated protein 4 (Mrp4) is a novel genetic factor in the pathogenesis of obesity and diabetes. FASEB Journal, 2021, 35, e21304.	0.5	4
121	The Effects of Prolonged Treatment with Zidovudine, Lamivudine, and Abacavir on a T-Lymphoblastoid Cell Line. AIDS Research and Human Retroviruses, 2006, 22, 960-967.	1.1	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. Journal of Pharmaceutical and Biomedical Analysis, 2021, 204, 114274.	2.8	3
123	Reduced Folate Carrier Expression in Acute Lymphoblastic Leukemia: A Mechanism for Ploidy but not Lineage Differences in Methotrexate Accumulation. Blood, 1999, 93, 1643-1650.	1.4	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. PLoS ONE, 2013, 8, e61193.	2.5	3
125	Lack of Multidrug Resistance-associated Protein 4 Prolongs Partial Hepatectomy-induced Hepatic Steatosis. Toxicological Sciences, 2020, 175, 301-311.	3.1	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). Journal of Pharmacology and Experimental Therapeutics, 2003, 304, 699-705.	2.5	1

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127	Metabolic switching in pluripotent stem cells reorganizes energy metabolism and subcellular organelles. Experimental Cell Research, 2019, 379, 55-64.	2.6	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. Blood, 2020, 135, 396-397.	1.4	0
131	The ABCs of Mitochondrial Metabolic Disorders. , 2011, , 181-208.		0
132	Deregulated Hepatic Metabolism Exacerbates Impaired Testosterone Production in Mrp4â€Deficient Mice. FASEB Journal, 2012, 26, .	0.5	0
133	The ABC transporter Mrp4/Abcc4 is required for Leydig cell protection from chemotherapeutic drugs. FASEB Journal, 2013, 27, 891.9.	0.5	0
134	Cyclic nucleotide dependent regulation of fibroblast migration by multi drug resistant protein 4. FASEB Journal, 2013, 27, 729.17.	0.5	0
135	A Role For a Multi-Drug Resistance Protein (MRP4/ABCC4) In Pediatric Acute Myeloid Leukemia (AML). Blood, 2013, 122, 2518-2518.	1.4	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?. FASEB Journal, 2018, 32, 693.9.	0.5	0
138	Genetic Ablation of the ABC Transporter Abcc4 Impairs Lymphoid Leukemogenesis. FASEB Journal, 2018, 32, 695.15.	0.5	0
139	Venetoclax Synergistically Enhances the Antileukemic Activity of Imipridone ONC213, a Novel Imipridone ONC201 Analog, in Acute Myeloid Leukemia. Blood, 2018, 132, 3936-3936.	1.4	0
140	Developing Inhibitors that Exploit ABCG2 and Cancer Dependencies to Improve Therapeutic Outcome. FASEB Journal, 2019, 33, .	0.5	0
141	Multidrug resistance protein 4 (Mrp4) regulates nutrient and energy metabolism by altering the adipose tissue physiology. FASEB Journal, 2019, 33, 508.4.	0.5	0
142	ATPâ€dependent efflux transporter ABCC4 is a positive regulator of the Sonic Hedgehog signaling pathway. FASEB Journal, 2019, 33, 675.19.	0.5	0
143	Determining the Molecular Characteristics of How Ligands Interact with an ABC Transporter. FASEB Journal, 2019, 33, 507.4.	0.5	0
144	A Role for ABCC4 in Regulating Pigment Granule Aggregation in Mice. FASEB Journal, 2019, 33, 719.13.	0.5	0

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145	Dynamic Changes in ABCC4 Proteinâ€Protein Interactions during PKA Signaling: Role of the ABCC4 PDZ Motif. FASEB Journal, 2022, 36, .	0.5	0
146	An Evolutionarily Conserved Residue in ABCG2 Regulates the Transport Cycle and Inhibitor Activity. FASEB Journal, 2022, 36, .	0.5	0