

# Matthias Schwab

## List of Publications by Citations

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203  
papers

14,608  
citations

61  
h-index

118  
g-index

222  
ext. papers

17,135  
ext. citations

7.5  
avg, IF

6.68  
L-index

#	Paper	IF	Citations
203	Cytochrome P450 enzymes in drug metabolism: regulation of gene expression, enzyme activities, and impact of genetic variation. <i>Pharmacology &amp; Therapeutics</i> , <b>2013</b> , 138, 103-41	13.9	2110
202	Frequency of single nucleotide polymorphisms in the P-glycoprotein drug transporter MDR1 gene in white subjects. <i>Clinical Pharmacology and Therapeutics</i> , <b>2001</b> , 69, 169-74	6.1	541
201	Extensive genetic polymorphism in the human CYP2B6 gene with impact on expression and function in human liver. <i>Pharmacogenetics and Genomics</i> , <b>2001</b> , 11, 399-415		503
200	Functional pharmacogenetics/genomics of human cytochromes P450 involved in drug biotransformation. <i>Analytical and Bioanalytical Chemistry</i> , <b>2008</b> , 392, 1093-108	4.4	430
199	Sex is a major determinant of CYP3A4 expression in human liver. <i>Hepatology</i> , <b>2003</b> , 38, 978-988	11.2	374
198	High plasma pravastatin concentrations are associated with single nucleotide polymorphisms and haplotypes of organic anion transporting polypeptide-C (OATP-C, SLCO1B1). <i>Pharmacogenetics and Genomics</i> , <b>2004</b> , 14, 429-40		358
197	Comprehensive analysis of thiopurine S-methyltransferase phenotype-genotype correlation in a large population of German-Caucasians and identification of novel TPMT variants. <i>Pharmacogenetics and Genomics</i> , <b>2004</b> , 14, 407-17		348
196	NUDT15 polymorphisms alter thiopurine metabolism and hematopoietic toxicity. <i>Nature Genetics</i> , <b>2016</b> , 48, 367-73	36.3	285
195	Organic cation transporters (OCTs, MATEs), in vitro and in vivo evidence for the importance in drug therapy. <i>Handbook of Experimental Pharmacology</i> , <b>2011</b> , 105-67	3.2	274
194	Expression of organic cation transporters OCT1 (SLC22A1) and OCT3 (SLC22A3) is affected by genetic factors and cholestasis in human liver. <i>Hepatology</i> , <b>2009</b> , 50, 1227-40	11.2	272
193	Genetic polymorphisms of the human MDR1 drug transporter. <i>Annual Review of Pharmacology and Toxicology</i> , <b>2003</b> , 43, 285-307	17.9	265
192	Clinical Pharmacogenetics Implementation Consortium Guideline for Thiopurine Dosing Based on TPMT and NUDT15 Genotypes: 2018 Update. <i>Clinical Pharmacology and Therapeutics</i> , <b>2019</b> , 105, 1095-1105	6.1	247
191	Frequency of C3435T polymorphism of MDR1 gene in African people. <i>Lancet, The</i> , <b>2001</b> , 358, 383-4	4.0	237
190	Clinical Pharmacogenetics Implementation Consortium (CPIC) Guideline for Dihydropyrimidine Dehydrogenase Genotype and Fluoropyrimidine Dosing: 2017 Update. <i>Clinical Pharmacology and Therapeutics</i> , <b>2018</b> , 103, 210-216	6.1	226
189	Thiopurine methyltransferase (TPMT) genotype and early treatment response to mercaptopurine in childhood acute lymphoblastic leukemia. <i>JAMA - Journal of the American Medical Association</i> , <b>2005</b> , 293, 1485-9	27.4	222
188	Treatment of chronic hepatitis D with the entry inhibitor myrcludex B: First results of a phase Ib/IIa study. <i>Journal of Hepatology</i> , <b>2016</b> , 65, 490-8	13.4	222
187	Sex is a major determinant of CYP3A4 expression in human liver. <i>Hepatology</i> , <b>2003</b> , 38, 978-88	11.2	217

186	Association of the P-glycoprotein transporter MDR1(C3435T) polymorphism with the susceptibility to renal epithelial tumors. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2002</b> , 13, 1847-54	12.7	215
185	Azathioprine therapy and adverse drug reactions in patients with inflammatory bowel disease: impact of thiopurine S-methyltransferase polymorphism. <i>Pharmacogenetics and Genomics</i> , <b>2002</b> , 12, 429-36		198
184	Therapeutic efficacy of intranasally delivered mesenchymal stem cells in a rat model of Parkinson disease. <i>Rejuvenation Research</i> , <b>2011</b> , 14, 3-16	2.6	193
183	Clinical relevance of DPYD variants c.1679T>G, c.1236G>A/HapB3, and c.1601G>A as predictors of severe fluoropyrimidine-associated toxicity: a systematic review and meta-analysis of individual patient data. <i>Lancet Oncology, The</i> , <b>2015</b> , 16, 1639-50	21.7	190
182	ABCB1 genotype of the donor but not of the recipient is a major risk factor for cyclosporine-related nephrotoxicity after renal transplantation. <i>Journal of the American Society of Nephrology: JASN</i> , <b>2005</b> , 16, 1501-11	12.7	186
181	Next-generation personalised medicine for high-risk paediatric cancer patients - The INFORM pilot study. <i>European Journal of Cancer</i> , <b>2016</b> , 65, 91-101	7.5	186
180	Clinical aspects of the MDR1 (ABCB1) gene polymorphism. <i>Therapeutic Drug Monitoring</i> , <b>2004</b> , 26, 180-5	3.2	165
179	Clinical Pharmacogenetics Implementation Consortium (CPIC) Guideline for CYP2D6 and Tamoxifen Therapy. <i>Clinical Pharmacology and Therapeutics</i> , <b>2018</b> , 103, 770-777	6.1	161
178	Impact of Genetic Polymorphisms of ABCB1 (MDR1, P-Glycoprotein) on Drug Disposition and Potential Clinical Implications: Update of the Literature. <i>Clinical Pharmacokinetics</i> , <b>2015</b> , 54, 709-35	6.2	158
177	Genetics is a major determinant of expression of the human hepatic uptake transporter OATP1B1, but not of OATP1B3 and OATP2B1. <i>Genome Medicine</i> , <b>2013</b> , 5, 1	14.4	144
176	From hype to reality: data science enabling personalized medicine. <i>BMC Medicine</i> , <b>2018</b> , 16, 150	11.4	139
175	First-in-human application of the novel hepatitis B and hepatitis D virus entry inhibitor myrcludex B. <i>Journal of Hepatology</i> , <b>2016</b> , 65, 483-9	13.4	132
174	Proton pump inhibitors inhibit metformin uptake by organic cation transporters (OCTs). <i>PLoS ONE</i> , <b>2011</b> , 6, e22163	3.7	121
173	Thiopurine treatment in inflammatory bowel disease: clinical pharmacology and implication of pharmacogenetically guided dosing. <i>Clinical Pharmacokinetics</i> , <b>2007</b> , 46, 187-208	6.2	118
172	Metformin and cancer: from the old medicine cabinet to pharmacological pitfalls and prospects. <i>Trends in Pharmacological Sciences</i> , <b>2013</b> , 34, 126-35	13.2	117
171	CYP2C19 polymorphism and proton pump inhibitors. <i>Basic and Clinical Pharmacology and Toxicology</i> , <b>2004</b> , 95, 2-8	3.1	116
170	DNA methylation is associated with downregulation of the organic cation transporter OCT1 (SLC22A1) in human hepatocellular carcinoma. <i>Genome Medicine</i> , <b>2011</b> , 3, 82	14.4	113
169	Omics and drug response. <i>Annual Review of Pharmacology and Toxicology</i> , <b>2013</b> , 53, 475-502	17.9	112

168	PPARA: a novel genetic determinant of CYP3A4 in vitro and in vivo. <i>Clinical Pharmacology and Therapeutics</i> , <b>2012</b> , 91, 1044-52	6.1	108
167	Topical delivery of therapeutic agents in the treatment of inflammatory bowel disease. <i>Advanced Drug Delivery Reviews</i> , <b>2005</b> , 57, 267-79	18.5	106
166	Pharmacogenetics of antimalarial drugs: effect on metabolism and transport. <i>Lancet Infectious Diseases, The</i> , <b>2009</b> , 9, 760-74	25.5	104
165	Genetic variants of Wnt transcription factor TCF-4 (TCF7L2) putative promoter region are associated with small intestinal Crohn's disease. <i>PLoS ONE</i> , <b>2009</b> , 4, e4496	3.7	103
164	Interplay of conjugating enzymes with OATP uptake transporters and ABCC/MRP efflux pumps in the elimination of drugs. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2008</b> , 4, 545-68	5.5	102
163	In vivo genome editing using nuclease-encoding mRNA corrects SP-B deficiency. <i>Nature Biotechnology</i> , <b>2015</b> , 33, 584-6	44.5	97
162	Pharmacokinetic considerations in the treatment of inflammatory bowel disease. <i>Clinical Pharmacokinetics</i> , <b>2001</b> , 40, 723-51	6.2	97
161	Variable expression of P-glycoprotein in the human placenta and its association with mutations of the multidrug resistance 1 gene (MDR1, ABCB1). <i>Pharmacogenetics and Genomics</i> , <b>2004</b> , 14, 309-18		96
160	Highly multiplexed genotyping of thiopurine s-methyltransferase variants using MALD-TOF mass spectrometry: reliable genotyping in different ethnic groups. <i>Clinical Chemistry</i> , <b>2008</b> , 54, 1637-47	5.5	92
159	Intranasal delivery of bone marrow-derived mesenchymal stem cells, macrophages, and microglia to the brain in mouse models of Alzheimer's and Parkinson's disease. <i>Cell Transplantation</i> , <b>2014</b> , 23 Suppl 1, S123-39	4	91
158	Organic anion transporters and their implications in pharmacotherapy. <i>Pharmacological Reviews</i> , <b>2012</b> , 64, 421-49	22.5	84
157	Activating mutation of the renal epithelial chloride channel CLC-Kb predisposing to hypertension. <i>Hypertension</i> , <b>2004</b> , 43, 1175-81	8.5	84
156	Nomenclature for alleles of the thiopurine methyltransferase gene. <i>Pharmacogenetics and Genomics</i> , <b>2013</b> , 23, 242-8	1.9	79
155	High-Throughput Genotyping of Thiopurine S-Methyltransferase by Denaturing HPLC. <i>Clinical Chemistry</i> , <b>2001</b> , 47, 548-555	5.5	79
154	CYP2C19 polymorphism is a major predictor of treatment failure in white patients by use of lansoprazole-based quadruple therapy for eradication of <i>Helicobacter pylori</i> . <i>Clinical Pharmacology and Therapeutics</i> , <b>2004</b> , 76, 201-9	6.1	77
153	6-thioguanosine diphosphate and triphosphate levels in red blood cells and response to azathioprine therapy in Crohn's disease. <i>Clinical Gastroenterology and Hepatology</i> , <b>2005</b> , 3, 1007-14	6.9	76
152	A phosphotyrosine switch regulates organic cation transporters. <i>Nature Communications</i> , <b>2016</b> , 7, 10880	17.4	74
151	Mechanisms and assessment of statin-related muscular adverse effects. <i>British Journal of Clinical Pharmacology</i> , <b>2014</b> , 78, 454-66	3.8	73

150	Developmental pharmacokinetics. <i>Handbook of Experimental Pharmacology</i> , <b>2011</b> , 205, 51-75	3.2	73
149	DNA methylation of the SLC16A3 promoter regulates expression of the human lactate transporter MCT4 in renal cancer with consequences for clinical outcome. <i>Clinical Cancer Research</i> , <b>2013</b> , 19, 5170-81 <sup>12.9</sup>		72
148	A common variant mapping to CACNA1A is associated with susceptibility to exfoliation syndrome. <i>Nature Genetics</i> , <b>2015</b> , 47, 387-92	36.3	70
147	Identification of budesonide and prednisone as substrates of the intestinal drug efflux pump P-glycoprotein. <i>Inflammatory Bowel Diseases</i> , <b>2004</b> , 10, 578-83	4.5	69
146	Direct transcriptional regulation of human hepatic cytochrome P450 3A4 (CYP3A4) by peroxisome proliferator-activated receptor alpha (PPAR $\alpha$ ). <i>Molecular Pharmacology</i> , <b>2013</b> , 83, 709-18	4.3	64
145	Pathway-Targeted Pharmacogenomics of CYP1A2 in Human Liver. <i>Frontiers in Pharmacology</i> , <b>2010</b> , 1, 129	5.6	63
144	Genetic polymorphisms of glutathione S-transferase A1, the major glutathione S-transferase in human liver: consequences for enzyme expression and busulfan conjugation. <i>Clinical Pharmacology and Therapeutics</i> , <b>2002</b> , 71, 479-87	6.1	62
143	Inflammation-associated microRNA-130b down-regulates cytochrome P450 activities and directly targets CYP2C9. <i>Drug Metabolism and Disposition</i> , <b>2015</b> , 43, 884-8	4	59
142	Clinical and Functional Relevance of the Monocarboxylate Transporter Family in Disease Pathophysiology and Drug Therapy. <i>Clinical and Translational Science</i> , <b>2018</b> , 11, 352-364	4.9	55
141	Pregnane X receptor activation and silencing promote steatosis of human hepatic cells by distinct lipogenic mechanisms. <i>Archives of Toxicology</i> , <b>2015</b> , 89, 2089-103	5.8	53
140	Mammalian MATE (SLC47A) transport proteins: impact on efflux of endogenous substrates and xenobiotics. <i>Drug Metabolism Reviews</i> , <b>2011</b> , 43, 499-523	7	50
139	Clinical Pharmacogenetics Implementation Consortium (CPIC) Guideline for CYP2C19 and Proton Pump Inhibitor Dosing. <i>Clinical Pharmacology and Therapeutics</i> , <b>2021</b> , 109, 1417-1423	6.1	50
138	Genomewide comparison of the inducible transcriptomes of nuclear receptors CAR, PXR and PPAR $\alpha$ in primary human hepatocytes. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , <b>2016</b> , 1859, 1218-1227	6	48
137	Simultaneous quantification of eleven thiopurine nucleotides by liquid chromatography-tandem mass spectrometry. <i>Analytical Chemistry</i> , <b>2012</b> , 84, 1294-301	7.8	46
136	Cellular uptake of imatinib into leukemic cells is independent of human organic cation transporter 1 (OCT1). <i>Clinical Cancer Research</i> , <b>2014</b> , 20, 985-94	12.9	45
135	Three novel thiopurine S-methyltransferase allelic variants (TPMT*20, *21, *22) - association with decreased enzyme function. <i>Human Mutation</i> , <b>2006</b> , 27, 976	4.7	45
134	Impact of NUDT15 genetics on severe thiopurine-related hematotoxicity in patients with European ancestry. <i>Genetics in Medicine</i> , <b>2019</b> , 21, 2145-2150	8.1	44
133	Development of Human Membrane Transporters: Drug Disposition and Pharmacogenetics. <i>Clinical Pharmacokinetics</i> , <b>2016</b> , 55, 507-24	6.2	44

132	Down syndrome, transient myeloproliferative disorder, and infantile liver fibrosis. <i>Medical and Pediatric Oncology</i> , <b>1998</b> , 31, 159-65		44
131	GSTP1 and MDR1 genotypes and central nervous system relapse in childhood acute lymphoblastic leukemia. <i>International Journal of Hematology</i> , <b>2005</b> , 81, 39-44	2.3	44
130	Development of the PGx-Passport: A Panel of Actionable Germline Genetic Variants for Pre-Emptive Pharmacogenetic Testing. <i>Clinical Pharmacology and Therapeutics</i> , <b>2019</b> , 106, 866-873	6.1	43
129	Impact of Membrane Drug Transporters on Resistance to Small-Molecule Tyrosine Kinase Inhibitors. <i>Trends in Pharmacological Sciences</i> , <b>2016</b> , 37, 904-932	13.2	43
128	Systemic regulation of bilirubin homeostasis: Potential benefits of hyperbilirubinemia. <i>Hepatology</i> , <b>2018</b> , 67, 1609-1619	11.2	42
127	Shortcoming in the diagnosis of TPMT deficiency in a patient with Crohn's disease using phenotyping only. <i>Gastroenterology</i> , <b>2001</b> , 121, 500-501	13.3	42
126	Structure and function of multidrug and toxin extrusion proteins (MATEs) and their relevance to drug therapy and personalized medicine. <i>Archives of Toxicology</i> , <b>2016</b> , 90, 1555-84	5.8	41
125	Monitoring of thiopurine methyltransferase activity in postsurgical patients with Crohn's disease during 1 year of treatment with azathioprine or mesalazine. <i>Therapeutic Drug Monitoring</i> , <b>2007</b> , 29, 1-5	3.2	40
124	Survival Prediction of Clear Cell Renal Cell Carcinoma Based on Gene Expression Similarity to the Proximal Tubule of the Nephron. <i>European Urology</i> , <b>2015</b> , 68, 1016-20	10.2	37
123	Improved Prediction of Endoxifen Metabolism by CYP2D6 Genotype in Breast Cancer Patients Treated with Tamoxifen. <i>Frontiers in Pharmacology</i> , <b>2017</b> , 8, 582	5.6	37
122	Population pharmacokinetics of oral busulfan in children. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2003</b> , 52, 209-16	3.5	37
121	Systematic Review of Variations in Hyperthermic Intraperitoneal Chemotherapy (HIPEC) for Peritoneal Metastasis from Colorectal Cancer. <i>Journal of Clinical Medicine</i> , <b>2018</b> , 7,	5.1	36
120	Solute carrier transporter and drug-related nephrotoxicity: the impact of proximal tubule cell models for preclinical research. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , <b>2014</b> , 10, 395-408	5.5	34
119	Selective Inhibition of the Lactate Transporter MCT4 Reduces Growth of Invasive Bladder Cancer. <i>Molecular Cancer Therapeutics</i> , <b>2018</b> , 17, 2746-2755	6.1	34
118	Role of ABC transporters in fluoropyrimidine-based chemotherapy response. <i>Advances in Cancer Research</i> , <b>2015</b> , 125, 217-43	5.9	32
117	Differential expression of drug uptake and efflux transporters in Japanese patients with hepatocellular carcinoma. <i>Drug Metabolism and Disposition</i> , <b>2014</b> , 42, 2033-40	4	32
116	Paraoxonase (PON1 and PON3) Polymorphisms: Impact on Liver Expression and Atorvastatin-Lactone Hydrolysis. <i>Frontiers in Pharmacology</i> , <b>2011</b> , 2, 41	5.6	32
115	Differential effects of targeted disruption of thiopurine methyltransferase on mercaptopurine and thioguanine pharmacodynamics. <i>Cancer Research</i> , <b>2007</b> , 67, 4965-72	10.1	32

114	CYP3A5 genotype is associated with diagnosis of hypertension in elderly patients: data from the DEBATE Study. <i>Molecular Diagnosis and Therapy</i> , <b>2005</b> , 5, 191-5		32
113	Intranasal Administration of Mesenchymal Stem Cells Ameliorates the Abnormal Dopamine Transmission System and Inflammatory Reaction in the R6/2 Mouse Model of Huntington Disease. <i>Cells</i> , <b>2019</b> , 8,	7.9	30
112	Data collection as a barrier to personalized medicine. <i>Trends in Pharmacological Sciences</i> , <b>2015</b> , 36, 68-71	13.2	30
111	Comprehensive Metabolomic and Lipidomic Profiling of Human Kidney Tissue: A Platform Comparison. <i>Journal of Proteome Research</i> , <b>2017</b> , 16, 933-944	5.6	29
110	Impact of age and gender on tumor related prognosis in gastrointestinal stromal tumors (GIST). <i>BMC Cancer</i> , <b>2015</b> , 15, 57	4.8	29
109	Pharmacogene Variation Consortium Gene Introduction: NUDT15. <i>Clinical Pharmacology and Therapeutics</i> , <b>2019</b> , 105, 1091-1094	6.1	29
108	Maternal nutrient restriction during pregnancy and lactation leads to impaired right ventricular function in young adult baboons. <i>Journal of Physiology</i> , <b>2017</b> , 595, 4245-4260	3.9	28
107	Preclinical evaluation of -guided thiopurine therapy and its effects on toxicity and antileukemic efficacy. <i>Blood</i> , <b>2018</b> , 131, 2466-2474	2.2	28
106	Age-dependent astroglial vulnerability to hypoxia and glutamate: the role for erythropoietin. <i>PLoS ONE</i> , <b>2013</b> , 8, e77182	3.7	28
105	Quantitative bile acid profiling by liquid chromatography quadrupole time-of-flight mass spectrometry: monitoring hepatitis B therapy by a novel Na(+)-taurocholate cotransporting polypeptide inhibitor. <i>Analytical and Bioanalytical Chemistry</i> , <b>2015</b> , 407, 6815-25	4.4	27
104	Data Digitizing: Accurate and Precise Data Extraction for Quantitative Systems Pharmacology and Physiologically-Based Pharmacokinetic Modeling. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , <b>2020</b> , 9, 322-331	4.5	27
103	Characterization of the breast cancer resistance protein (BCRP/ABCG2) in clear cell renal cell carcinoma. <i>International Journal of Cancer</i> , <b>2018</b> , 143, 3181-3193	7.5	26
102	Characterisation of cerivastatin as a P-glycoprotein substrate: studies in P-glycoprotein-expressing cell monolayers and mdr1a/b knock-out mice. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2004</b> , 370, 124-30	3.4	25
101	TCF-1-mediated Wnt signaling regulates Paneth cell innate immune defense effectors HD-5 and -6: implications for Crohn's disease. <i>American Journal of Physiology - Renal Physiology</i> , <b>2014</b> , 307, G487-98	5.1	24
100	Pharmacogenomics: a key component of personalized therapy. <i>Genome Medicine</i> , <b>2012</b> , 4, 93	14.4	24
99	MCT4 surpasses the prognostic relevance of the ancillary protein CD147 in clear cell renal cell carcinoma. <i>Oncotarget</i> , <b>2015</b> , 6, 30615-27	3.3	23
98	Metabolic and Lipidomic Reprogramming in Renal Cell Carcinoma Subtypes Reflects Regions of Tumor Origin. <i>European Urology Focus</i> , <b>2019</b> , 5, 608-618	5.1	23
97	Methylomes of renal cell lines and tumors or metastases differ significantly with impact on pharmacogenes. <i>Scientific Reports</i> , <b>2016</b> , 6, 29930	4.9	22

96	Thiopurine S-methyltransferase as a target for drug interactions. <i>European Journal of Clinical Pharmacology</i> , <b>2005</b> , 61, 395-8	2.8	22
95	The Pediatric Precision Oncology INFORM Registry: Clinical Outcome and Benefit for Patients with Very High-Evidence Targets. <i>Cancer Discovery</i> , <b>2021</b> , 11, 2764-2779	24.4	22
94	Simultaneous quantification of mefloquine (+)- and (-)-enantiomers and the carboxy metabolite in dried blood spots by liquid chromatography/tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2014</b> , 968, 32-9	3.2	20
93	Genome-wide and candidate gene approaches of clopidogrel efficacy using pharmacodynamic and clinical end points-Rationale and design of the International Clopidogrel Pharmacogenomics Consortium (ICPC). <i>American Heart Journal</i> , <b>2018</b> , 198, 152-159	4.9	19
92	PDK1 Determines Collagen-Dependent Platelet Ca <sup>2+</sup> Signaling and Is Critical to Development of Ischemic Stroke In Vivo. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2016</b> , 36, 1507-16	9.4	19
91	The earwax-associated SNP c.538G>A (G180R) in ABCC11 is not associated with breast cancer risk in Europeans. <i>Breast Cancer Research and Treatment</i> , <b>2011</b> , 129, 993-9	4.4	19
90	Determination of 6-thioguanosine diphosphate and triphosphate and nucleoside diphosphate kinase activity in erythrocytes: novel targets for thiopurine therapy?. <i>Therapeutic Drug Monitoring</i> , <b>2010</b> , 32, 119-28	3.2	19
89	Impact of metabolizing enzymes on drug response of endocrine therapy in breast cancer. <i>Expert Review of Molecular Diagnostics</i> , <b>2013</b> , 13, 349-65	3.8	18
88	The truncated splice variant of peroxisome proliferator-activated receptor alpha, PPAR $\delta$ , autonomously regulates proliferative and pro-inflammatory genes. <i>BMC Cancer</i> , <b>2015</b> , 15, 488	4.8	17
87	Genetic biomarkers in epilepsy. <i>Neurotherapeutics</i> , <b>2014</b> , 11, 324-33	6.4	17
86	Using trade names: a risk factor for accidental drug overdose. <i>Archives of Internal Medicine</i> , <b>2002</b> , 162, 1065-6		17
85	Global Pharmacogenomics Within Precision Medicine: Challenges and Opportunities. <i>Clinical Pharmacology and Therapeutics</i> , <b>2020</b> , 107, 57-61	6.1	17
84	Comparison of Different Risk Classification Systems in 558 Patients with Gastrointestinal Stromal Tumors after R0-Resection. <i>Frontiers in Pharmacology</i> , <b>2016</b> , 7, 504	5.6	17
83	Association of CYP2C19*2 and associated haplotypes with lower norendoxifen concentrations in tamoxifen-treated Asian breast cancer patients. <i>British Journal of Clinical Pharmacology</i> , <b>2016</b> , 81, 1142-52	3.8	16
82	Physiologically-Based Pharmacokinetic Models for CYP1A2 Drug-Drug Interaction Prediction: A Modeling Network of Fluvoxamine, Theophylline, Caffeine, Rifampicin, and Midazolam. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , <b>2019</b> , 8, 296-307	4.5	16
81	Sorafenib Activity and Disposition in Liver Cancer Does Not Depend on Organic Cation Transporter 1. <i>Clinical Pharmacology and Therapeutics</i> , <b>2020</b> , 107, 227-237	6.1	16
80	Peroxisome proliferator-activated receptor alpha, PPAR $\alpha$ directly regulates transcription of cytochrome P450 CYP2C8. <i>Frontiers in Pharmacology</i> , <b>2015</b> , 6, 261	5.6	15
79	Mucosal improvement in patients with moderate to severe postoperative endoscopic recurrence of Crohn's disease and azathioprine metabolite levels. <i>Inflammatory Bowel Diseases</i> , <b>2013</b> , 19, 590-8	4.5	15



78	Sex-dimorphic acceleration of pericardial, subcutaneous, and plasma lipid increase in offspring of poorly nourished baboons. <i>International Journal of Obesity</i> , <b>2018</b> , 42, 1092-1096	5.5	14
77	A Clinical Drug-Drug Interaction Study Assessing a Novel Drug Transporter Phenotyping Cocktail With Adefovir, Sitagliptin, Metformin, Pitavastatin, and Digoxin. <i>Clinical Pharmacology and Therapeutics</i> , <b>2019</b> , 106, 1398-1407	6.1	14
76	Functional characterization of protein variants of the human multidrug transporter ABCC2 by a novel targeted expression system in fibrosarcoma cells. <i>Human Mutation</i> , <b>2012</b> , 33, 750-62	4.7	14
75	Variability and Heritability of Thiamine Pharmacokinetics With Focus on OCT1 Effects on Membrane Transport and Pharmacokinetics in Humans. <i>Clinical Pharmacology and Therapeutics</i> , <b>2020</b> , 107, 628-638	6.1	14
74	Physiologically-Based Pharmacokinetic (PBPK) Modeling of Buprenorphine in Adults, Children and Preterm Neonates. <i>Pharmaceutics</i> , <b>2020</b> , 12,	6.4	13
73	ABCC11/MRP8 polymorphisms affect 5-fluorouracil-induced severe toxicity and hepatic expression. <i>Pharmacogenomics</i> , <b>2013</b> , 14, 1433-48	2.6	13
72	Selective p38MAP kinase/MAPK14 inhibition in enzymatically modified LDL-stimulated human monocytes: implications for atherosclerosis. <i>FASEB Journal</i> , <b>2017</b> , 31, 674-686	0.9	13
71	Transport studies with 5-aminosalicylate. <i>European Journal of Clinical Pharmacology</i> , <b>2006</b> , 62, 871-5	2.8	12
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