

# Matthias Schwab

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Efficacy and Safety of Masitinib in Progressive Forms of Multiple Sclerosis: A Randomized, Phase 3, Clinical Trial.. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , <b>2022</b> , 9,	9.1	1
202	Physiologically-based pharmacokinetic modeling of dextromethorphan to investigate interindividual variability within CYP2D6 activity score groups.. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , <b>2022</b> ,	4.5	2
201	(Z)-Endoxifen and Early Recurrence of Breast Cancer: An Explorative Analysis in a Prospective Brazilian Study.. <i>Journal of Personalized Medicine</i> , <b>2022</b> , 12,	3.6	3
200	Thioredoxin 1 (Trx1) is associated with poor prognosis in clear cell renal cell carcinoma (ccRCC): an example for the crucial role of redox signaling in ccRCC. <i>World Journal of Urology</i> , <b>2021</b> , 40, 739	4	0
199	Repurposing Riociguat for Treatment of Refractory Angina Resulting From Coronary Spasm. <i>JACC: Case Reports</i> , <b>2021</b> , 3, 392-396	1.2	3
198	Interaction of Remdesivir with Clinically Relevant Hepatic Drug Uptake Transporters. <i>Pharmaceutics</i> , <b>2021</b> , 13,	6.4	5
197	No association of genetic variants in TLR4, TNF- $\alpha$ IL10, IFN- $\gamma$ and IL37 in cytomegalovirus-positive renal allograft recipients with active CMV infection-Subanalysis of the prospective randomised VIPP study. <i>PLoS ONE</i> , <b>2021</b> , 16, e0246118	3.7	
196	Computational Treatment Simulations to Assess the Need for Personalized Tamoxifen Dosing in Breast Cancer Patients of Different Biogeographical Groups. <i>Cancers</i> , <b>2021</b> , 13,	6.6	1
195	A call to caution when hydroxychloroquine is given to elderly patients with COVID-19. <i>International Journal of Infectious Diseases</i> , <b>2021</b> , 106, 265-268	10.5	0
194	Data-driven personalization of a physiologically based pharmacokinetic model for caffeine: A systematic assessment. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , <b>2021</b> , 10, 782-793	4.5	2
193	Identification and characterization of novel splice variants of human farnesoid X receptor. <i>Archives of Biochemistry and Biophysics</i> , <b>2021</b> , 705, 108893	4.1	1
192	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
191	Physiologically Based Precision Dosing Approach for Drug-Drug-Gene Interactions: A Simvastatin Network Analysis. <i>Clinical Pharmacology and Therapeutics</i> , <b>2021</b> , 109, 201-211	6.1	8
190	Stereoselective quantification of phase 1 and 2 metabolites of clomiphene in human plasma and urine. <i>Talanta</i> , <b>2021</b> , 221, 121658	6.2	2
189	Nelfinavir and Its Active Metabolite M8 Are Partial Agonists and Competitive Antagonists of the Human Pregnane X Receptor. <i>Molecular Pharmacology</i> , <b>2021</b> , 99, 184-196	4.3	3
188	Characterization of cytochrome P450 (CYP) 2D6 drugs as substrates of human organic cation transporters and multidrug and toxin extrusion proteins. <i>British Journal of Pharmacology</i> , <b>2021</b> , 178, 1459-1474	8.6	3
187	Simulation-Based Assessment of the Impact of Non-Adherence on Endoxifen Target Attainment in Different Tamoxifen Dosing Strategies. <i>Pharmaceutics</i> , <b>2021</b> , 14,	5.2	3

186	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
185	Two experts and a newbie: [F]PARPi vs [F]FTT vs [F]FPyPARP-a comparison of PARP imaging agents. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2021</b> , 1	8.8	1
184	Genetic and Epigenetic Regulation of Organic Cation Transporters. <i>Handbook of Experimental Pharmacology</i> , <b>2021</b> , 266, 81-100	3.2	4
183	Pharmacoresponse in genetic generalized epilepsy: a genome-wide association study. <i>Pharmacogenomics</i> , <b>2020</b> , 21, 325-335	2.6	8
182	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
181	The cytosolic isoform of glutaredoxin 2 promotes cell migration and invasion. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2020</b> , 1864, 129599	4	5
180	Physiologically-Based Pharmacokinetic (PBPK) Modeling of Buprenorphine in Adults, Children and Preterm Neonates. <i>Pharmaceutics</i> , <b>2020</b> , 12,	6.4	13
179	Obesity Alters Endoxifen Plasma Levels in Young Breast Cancer Patients: A Pharmacometric Simulation Approach. <i>Clinical Pharmacology and Therapeutics</i> , <b>2020</b> , 108, 661-670	6.1	9
178	Germline variant burden in multidrug resistance transporters is a therapy-specific predictor of survival in breast cancer patients. <i>International Journal of Cancer</i> , <b>2020</b> , 146, 2475-2487	7.5	11
177	$\beta$ -Adrenergic Receptor in Liver Fibrosis: Implications for the Adrenoblocker Mesedin. <i>Cells</i> , <b>2020</b> , 9,	7.9	2
176	Global Pharmacogenomics Within Precision Medicine: Challenges and Opportunities. <i>Clinical Pharmacology and Therapeutics</i> , <b>2020</b> , 107, 57-61	6.1	17
175	CCI52 sensitizes tumors to 6-mercaptopurine and inhibits MYCN-amplified tumor growth. <i>Biochemical Pharmacology</i> , <b>2020</b> , 172, 113770	6	1
174	Clinically Relevant OATP2B1 Inhibitors in Marketed Drug Space. <i>Molecular Pharmaceutics</i> , <b>2020</b> , 17, 488-498	5.8	6
173	Prevalence of a First-Degree Relative With Colorectal Cancer and Uptake of Screening Among Persons 40 to 54 Years Old. <i>Clinical Gastroenterology and Hepatology</i> , <b>2020</b> , 18, 2535-2543.e3	6.9	4
172	Optimized protocol for metabolomic and lipidomic profiling in formalin-fixed paraffin-embedded kidney tissue by LC-MS. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1134, 125-135	6.6	6
171	SFPQ Depletion Is Synthetically Lethal with BRAF in Colorectal Cancer Cells. <i>Cell Reports</i> , <b>2020</b> , 32, 108184.6	6.6	12
170	Modulating endothelial adhesion and migration impacts stem cell therapies efficacy. <i>EBioMedicine</i> , <b>2020</b> , 60, 102987	8.8	7
169	Metabolic Drug Response Phenotyping in Colorectal Cancer Organoids by LC-QTOF-MS. <i>Metabolites</i> , <b>2020</b> , 10,	5.6	5

168	Combinations of common SNPs of the transporter gene ABCB1 influence apparent bioavailability, but not renal elimination of oral digoxin. <i>Scientific Reports</i> , <b>2020</b> , 10, 12457	4.9	6
167	Generating evidence for precision medicine: considerations made by the Ubiquitous Pharmacogenomics Consortium when designing and operationalizing the PREPARE study. <i>Pharmacogenetics and Genomics</i> , <b>2020</b> , 30, 131-144	1.9	10
166	Cell motility and migration as determinants of stem cell efficacy. <i>EBioMedicine</i> , <b>2020</b> , 60, 102989	8.8	11
165	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
164	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
163	Integrative -omics and HLA-ligandomics analysis to identify novel drug targets for ccRCC immunotherapy. <i>Genome Medicine</i> , <b>2020</b> , 12, 32	14.4	11
162	Tamoxifen Pharmacogenetics and Metabolism: The Same Is Not the Same. <i>Journal of Clinical Oncology</i> , <b>2019</b> , 37, 1981-1982	2.2	11
161	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
160	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
159	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
158	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
157	Hypertonicity-Affected Genes Are Differentially Expressed in Clear Cell Renal Cell Carcinoma and Correlate with Cancer-Specific Survival. <i>Cancers</i> , <b>2019</b> , 12,	6.6	3
156	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
155	Pharmacogene Variation Consortium Gene Introduction: NUDT15. <i>Clinical Pharmacology and Therapeutics</i> , <b>2019</b> , 105, 1091-1094	6.1	29
154	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
153	A Web-based survey among adults aged 40-54 years was time effective and yielded stable response patterns. <i>Journal of Clinical Epidemiology</i> , <b>2019</b> , 105, 10-18	5.7	6
152	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
151	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

150	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
149	Effects of adjunctive eslicarbazepine acetate on serum lipids in patients with partial-onset seizures: Impact of concomitant statins and enzyme-inducing antiepileptic drugs. <i>Epilepsy Research</i> , <b>2018</b> , 141, 83-89	3	5
148	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
147	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
146	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
145	Systemic regulation of bilirubin homeostasis: Potential benefits of hyperbilirubinemia. <i>Hepatology</i> , <b>2018</b> , 67, 1609-1619	11.2	42
144	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
143	Clinical utility of the S3-score for molecular prediction of outcome in non-metastatic and metastatic clear cell renal cell carcinoma. <i>BMC Medicine</i> , <b>2018</b> , 16, 108	11.4	5
142	From hype to reality: data science enabling personalized medicine. <i>BMC Medicine</i> , <b>2018</b> , 16, 150	11.4	139
141	Simultaneous Extraction of RNA and Metabolites from Single Kidney Tissue Specimens for Combined Transcriptomic and Metabolomic Profiling. <i>Journal of Proteome Research</i> , <b>2018</b> , 17, 3039-3049 <sup>5,6</sup>	5.6	4
140	The fruit fly <i>Drosophila melanogaster</i> as an innovative preclinical ADME model for solute carrier membrane transporters, with consequences for pharmacology and drug therapy. <i>Drug Discovery Today</i> , <b>2018</b> , 23, 1746-1760	8.8	7
139	Validation of a high-performance liquid chromatography method for thiopurine S-methyltransferase activity in whole blood using 6-mercaptopurine as substrate. <i>Clinical Chemistry and Laboratory Medicine</i> , <b>2018</b> , 56, 803-809	5.9	2
138	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
137	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
136	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
135	Ligand-dependent and -independent regulation of human hepatic sphingomyelin phosphodiesterase acid-like 3A expression by pregnane X receptor and crosstalk with liver X receptor. <i>Biochemical Pharmacology</i> , <b>2017</b> , 136, 122-135	6	6
134	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
133	Evidence for a pharmacokinetic interaction between eslicarbazepine and rosuvastatin: Potential effects on xenobiotic transporters. <i>Epilepsy Research</i> , <b>2017</b> , 135, 64-70	3	9

132	Comment on "Epigenetic activation of the drug transporter OCT2 sensitizes renal cell carcinoma to oxaliplatin". <i>Science Translational Medicine</i> , <b>2017</b> , 9,	17.5	4
131	Open letter on access to the BIA 10-2474 clinical trial data. <i>Lancet, The</i> , <b>2017</b> , 389, 156	40	11
130	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
129	Neuroprotective, Neurogenic, and Amyloid Beta Reducing Effect of a Novel Alpha 2-Adrenoblocker, Mesedin, on Astroglia and Neuronal Progenitors upon Hypoxia and Glutamate Exposure. <i>International Journal of Molecular Sciences</i> , <b>2017</b> , 19,	6.3	9
128	Translational learning from clinical studies predicts drug pharmacokinetics across patient populations. <i>Npj Systems Biology and Applications</i> , <b>2017</b> , 3, 11	5	8
127	Pharmacokinetics and pharmacodynamics of thiopurines in an <i>in vitro</i> model of human hepatocytes: Insights from an innovative mass spectrometry assay. <i>Chemico-Biological Interactions</i> , <b>2017</b> , 275, 189-195	5	2
126	Selective p38 $\beta$ MAP 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
125	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
124	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
123	A phosphotyrosine switch regulates organic cation transporters. <i>Nature Communications</i> , <b>2016</b> , 7, 10880	17.4	74
122	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
121	Low heritability in pharmacokinetics of talinolol: a pharmacogenetic twin study on the heritability of the pharmacokinetics of talinolol, a putative probe drug of MDR1 and other membrane transporters. <i>Genome Medicine</i> , <b>2016</b> , 8, 119	14.4	6
120	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
119	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
118	Achieving the World Health Organization's vision for clinical pharmacology. <i>British Journal of Clinical Pharmacology</i> , <b>2016</b> , 81, 223-7	3.8	10
117	NUDT15 polymorphisms alter thiopurine metabolism and hematopoietic toxicity. <i>Nature Genetics</i> , <b>2016</b> , 48, 367-73	36.3	285
116	Development of Human Membrane Transporters: Drug Disposition and Pharmacogenetics. <i>Clinical Pharmacokinetics</i> , <b>2016</b> , 55, 507-24	6.2	44
115	p110 $\delta$ Double-Deficiency Induces Eosinophilia and IgE Production but Protects from OVA-Induced Airway Inflammation. <i>PLoS ONE</i> , <b>2016</b> , 11, e0159310	3.7	2



114	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
113	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
112	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
111	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
110	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
109	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
108	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
107	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
106	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
105	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
104	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
103	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</i> , <b>2015</b> , 16, 1639-50	21.7	190
102	The truncated splice variant of peroxisome proliferator-activated receptor alpha, PPAR $\beta$ , autonomously regulates proliferative and pro-inflammatory genes. <i>BMC Cancer</i> , <b>2015</b> , 15, 488	4.8	17
101	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
100	Enzymatically Modified Low-Density Lipoprotein Is Present in All Stages of Aortic Valve Sclerosis: Implications for Pathogenesis of the Disease. <i>Journal of the American Heart Association</i> , <b>2015</b> , 4, e002156	6	8
99	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
98	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
97	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

96	Role of ABC transporters in fluoropyrimidine-based chemotherapy response. <i>Advances in Cancer Research</i> , <b>2015</b> , 125, 217-43	5.9	32
95	Data collection as a barrier to personalized medicine. <i>Trends in Pharmacological Sciences</i> , <b>2015</b> , 36, 68-71	13.2	30
94	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
93	Pharmacogenetics: Implications for Modern Type 2 Diabetes Therapy. <i>Review of Diabetic Studies</i> , <b>2015</b> , 12, 363-76	3.6	9
92	Genetic biomarkers in epilepsy. <i>Neurotherapeutics</i> , <b>2014</b> , 11, 324-33	6.4	17
91	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
90	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
89	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
88	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
87	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
86	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
85	Interplay between endothelin and erythropoietin in astroglia: the role in protection against hypoxia. <i>International Journal of Molecular Sciences</i> , <b>2014</b> , 15, 2858-75	6.3	7
84	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
83	2012 highlights in translational Omics. <i>Genome Medicine</i> , <b>2013</b> , 5, 10	14.4	7
82	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
81	ABCC11/MRP8 polymorphisms affect 5-fluorouracil-induced severe toxicity and hepatic expression. <i>Pharmacogenomics</i> , <b>2013</b> , 14, 1433-48	2.6	13
80	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
79	Omics and drug response. <i>Annual Review of Pharmacology and Toxicology</i> , <b>2013</b> , 53, 475-502	17.9	112



78	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
77	OCT (SLC22A) and OCTN Family <b>2013</b> , 171-208		5
76	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
75	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	12.9	72
74	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
73	The letrozole phase 1 metabolite carbinol as a novel probe drug for UGT2B7. <i>Drug Metabolism and Disposition</i> , <b>2013</b> , 41, 1906-13	4	7
72	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
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