

# Munir Pirmohamed

## List of Publications by Citations

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632  
papers

33,412  
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87  
h-index

159  
g-index

705  
ext. papers

38,371  
ext. citations

6.1  
avg, IF

7.26  
L-index

#	Paper	IF	Citations
632	Adverse drug reactions as cause of admission to hospital: prospective analysis of 18 820 patients. <i>BMJ, The</i> , <b>2004</b> , 329, 15-9	5.9	1865
631	Drug repurposing: progress, challenges and recommendations. <i>Nature Reviews Drug Discovery</i> , <b>2019</b> , 18, 41-58	64.1	1389
630	Phase I clinical trial of oral curcumin: biomarkers of systemic activity and compliance. <i>Clinical Cancer Research</i> , <b>2004</b> , 10, 6847-54	12.9	933
629	HLA-B*5701 genotype is a major determinant of drug-induced liver injury due to flucloxacillin. <i>Nature Genetics</i> , <b>2009</b> , 41, 816-9	36.3	818
628	HLA-A*3101 and carbamazepine-induced hypersensitivity reactions in Europeans. <i>New England Journal of Medicine</i> , <b>2011</b> , 364, 1134-43	59.2	689
627	A randomized trial of genotype-guided dosing of warfarin. <i>New England Journal of Medicine</i> , <b>2013</b> , 369, 2294-303	59.2	617
626	Active transport of imatinib into and out of cells: implications for drug resistance. <i>Blood</i> , <b>2004</b> , 104, 3739-45	2.45	539
625	Emergence and global spread of epidemic healthcare-associated <i>Clostridium difficile</i> . <i>Nature Genetics</i> , <b>2013</b> , 45, 109-13	36.3	509
624	Clinical Pharmacogenetics Implementation Consortium Guidelines for CYP2C9 and VKORC1 genotypes and warfarin dosing. <i>Clinical Pharmacology and Therapeutics</i> , <b>2011</b> , 90, 625-9	6.1	486
623	Adverse drug reactions in hospital in-patients: a prospective analysis of 3695 patient-episodes. <i>PLoS ONE</i> , <b>2009</b> , 4, e4439	3.7	416
622	Which drugs cause preventable admissions to hospital? A systematic review. <i>British Journal of Clinical Pharmacology</i> , <b>2007</b> , 63, 136-47	3.8	398
621	The role of metabolic activation in drug-induced hepatotoxicity. <i>Annual Review of Pharmacology and Toxicology</i> , <b>2005</b> , 45, 177-202	17.9	362
620	Susceptibility to amoxicillin-clavulanate-induced liver injury is influenced by multiple HLA class I and II alleles. <i>Gastroenterology</i> , <b>2011</b> , 141, 338-47	13.3	359
619	Clinical Pharmacogenetics Implementation Consortium (CPIC) Guideline for Pharmacogenetics-Guided Warfarin Dosing: 2017 Update. <i>Clinical Pharmacology and Therapeutics</i> , <b>2017</b> , 102, 397-404	6.1	320
618	Adverse drug reactions. <i>BMJ: British Medical Journal</i> , <b>1998</b> , 316, 1295-8		299
617	Cardiovascular side effects of cancer therapies: a position statement from the Heart Failure Association of the European Society of Cardiology. <i>European Journal of Heart Failure</i> , <b>2011</b> , 13, 1-10	12.3	295
616	Warfarin pharmacogenetics: a single VKORC1 polymorphism is predictive of dose across 3 racial groups. <i>Blood</i> , <b>2010</b> , 115, 3827-34	2.2	289

615	Genetic susceptibility to adverse drug reactions. <i>Trends in Pharmacological Sciences</i> , <b>2001</b> , 22, 298-305	13.2	260
614	Pharmacogenetics of warfarin: current status and future challenges. <i>Pharmacogenomics Journal</i> , <b>2007</b> , 7, 99-111	3.5	251
613	How can we improve our understanding of cardiovascular safety liabilities to develop safer medicines?. <i>British Journal of Pharmacology</i> , <b>2011</b> , 163, 675-93	8.6	247
612	Role of drug disposition in drug hypersensitivity: a chemical, molecular, and clinical perspective. <i>Chemical Research in Toxicology</i> , <b>1998</b> , 11, 969-88	4	243
611	Cost-effectiveness analysis of HLA B*5701 genotyping in preventing abacavir hypersensitivity. <i>Pharmacogenetics and Genomics</i> , <b>2004</b> , 14, 335-42		236
610	Expression of the uptake drug transporter hOCT1 is an important clinical determinant of the response to imatinib in chronic myeloid leukemia. <i>Clinical Pharmacology and Therapeutics</i> , <b>2008</b> , 83, 258-64	6.1	231
609	HLA-B locus in Caucasian patients with carbamazepine hypersensitivity. <i>Pharmacogenomics</i> , <b>2006</b> , 7, 813-86	2.86	224
608	Warfarin: almost 60 years old and still causing problems. <i>British Journal of Clinical Pharmacology</i> , <b>2006</b> , 62, 509-11	3.8	221
607	ABCB1 genotype and PGP expression, function and therapeutic drug response: a critical review and recommendations for future research. <i>Pharmacogenomics Journal</i> , <b>2007</b> , 7, 154-79	3.5	220
606	Hypersensitivity reactions to carbamazepine: characterization of the specificity, phenotype, and cytokine profile of drug-specific T cell clones. <i>Molecular Pharmacology</i> , <b>2003</b> , 63, 732-41	4.3	188
605	Recognition of sulfamethoxazole and its reactive metabolites by drug-specific CD4+ T cells from allergic individuals. <i>Journal of Immunology</i> , <b>2000</b> , 164, 6647-54	5.3	188
604	Integration of genetic, clinical, and INR data to refine warfarin dosing. <i>Clinical Pharmacology and Therapeutics</i> , <b>2010</b> , 87, 572-8	6.1	184
603	Human leukocyte antigen (HLA)-B*57:01-restricted activation of drug-specific T cells provides the immunological basis for flucloxacillin-induced liver injury. <i>Hepatology</i> , <b>2013</b> , 57, 727-39	11.2	182
602	hOCT 1 and resistance to imatinib. <i>Blood</i> , <b>2005</b> , 106, 1133-4; author reply 1134	2.2	177
601	Characterization of drug-specific T cells in lamotrigine hypersensitivity. <i>Journal of Allergy and Clinical Immunology</i> , <b>2003</b> , 111, 1393-403	11.5	170
600	Clinical Pharmacogenetics Implementation Consortium guidelines for HLA-B genotype and carbamazepine dosing. <i>Clinical Pharmacology and Therapeutics</i> , <b>2013</b> , 94, 324-8	6.1	168
599	Management of allergy to penicillins and other beta-lactams. <i>Clinical and Experimental Allergy</i> , <b>2015</b> , 45, 300-27	4.1	160
598	Clinical practice. Antibiotic allergy. <i>New England Journal of Medicine</i> , <b>2006</b> , 354, 601-9	59.2	160

597	Improved glycaemia correlates with liver fat reduction in obese, type 2 diabetes, patients given glucagon-like peptide-1 (GLP-1) receptor agonists. <i>PLoS ONE</i> , <b>2012</b> , 7, e50117	3.7	160
596	Implementing Pharmacogenomics in Europe: Design and Implementation Strategy of the Ubiquitous Pharmacogenomics Consortium. <i>Clinical Pharmacology and Therapeutics</i> , <b>2017</b> , 101, 341-358	6.1	157
595	Metabolism and bioactivation of clozapine by human liver in vitro. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>1995</b> , 272, 984-90	4.7	153
594	Clinical pharmacogenetics implementation consortium guidelines for HLA-B genotype and abacavir dosing. <i>Clinical Pharmacology and Therapeutics</i> , <b>2012</b> , 91, 734-8	6.1	142
593	Clinical Pharmacogenetics Implementation Consortium Guideline for HLA Genotype and Use of Carbamazepine and Oxcarbazepine: 2017 Update. <i>Clinical Pharmacology and Therapeutics</i> , <b>2018</b> , 103, 574-581	6.1	139
592	Association of Liver Injury From Specific Drugs, or Groups of Drugs, With Polymorphisms in HLA and Other Genes in a Genome-Wide Association Study. <i>Gastroenterology</i> , <b>2017</b> , 152, 1078-1089	13.3	137
591	Review article: cellular and molecular mechanisms of NSAID-induced peptic ulcers. <i>Alimentary Pharmacology and Therapeutics</i> , <b>2009</b> , 30, 517-31	6.1	136
590	Phenotype standardization for statin-induced myotoxicity. <i>Clinical Pharmacology and Therapeutics</i> , <b>2014</b> , 96, 470-6	6.1	130
589	TNFalpha promoter region gene polymorphisms in carbamazepine-hypersensitive patients. <i>Neurology</i> , <b>2001</b> , 56, 890-6	6.5	128
588	Glucuronidation of dihydroartemisinin in vivo and by human liver microsomes and expressed UDP-glucuronosyltransferases. <i>Drug Metabolism and Disposition</i> , <b>2002</b> , 30, 1005-12	4	126
587	Characterisation of the toxic metabolite(s) of naphthalene. <i>Toxicology</i> , <b>1996</b> , 114, 233-42	4.4	123
586	Covalent binding of the nitroso metabolite of sulfamethoxazole leads to toxicity and major histocompatibility complex-restricted antigen presentation. <i>Molecular Pharmacology</i> , <b>2002</b> , 62, 628-37	4.3	120
585	Clozapine-induced agranulocytosis is associated with rare HLA-DQB1 and HLA-B alleles. <i>Nature Communications</i> , <b>2014</b> , 5, 4757	17.4	118
584	Dabigatran etexilate versus warfarin in management of non-valvular atrial fibrillation in UK context: quantitative benefit-harm and economic analyses. <i>BMJ, The</i> , <b>2011</b> , 343, d6333	5.9	117
583	Cellular disposition of sulphamethoxazole and its metabolites: implications for hypersensitivity. <i>British Journal of Pharmacology</i> , <b>1999</b> , 126, 1393-407	8.6	116
582	HLA genotype and carbamazepine-induced cutaneous adverse drug reactions: a systematic review. <i>Clinical Pharmacology and Therapeutics</i> , <b>2012</b> , 92, 757-65	6.1	115
581	Genotype-guided dosing of coumarin derivatives: the European pharmacogenetics of anticoagulant therapy (EU-PACT) trial design. <i>Pharmacogenomics</i> , <b>2009</b> , 10, 1687-95	2.6	115
580	Cytochrome P450 enzyme polymorphisms and adverse drug reactions. <i>Toxicology</i> , <b>2003</b> , 192, 23-32	4.4	115

579	Human leucocyte antigen class II genotype in susceptibility and resistance to co-amoxiclav-induced liver injury. <i>Journal of Hepatology</i> , <b>2010</b> , 53, 1049-53	13.4	114
578	Influence of CYP2C9 and VKORC1 on patient response to warfarin: a systematic review and meta-analysis. <i>PLoS ONE</i> , <b>2012</b> , 7, e44064	3.7	113
577	The danger hypothesis--potential role in idiosyncratic drug reactions. <i>Toxicology</i> , <b>2002</b> , 181-182, 55-63	4.4	112
576	The role of cytochrome P450 enzymes in hepatic and extrahepatic human drug toxicity <b>1995</b> , 68, 385-424		112
575	Pragmatic randomised trials using routine electronic health records: putting them to the test. <i>BMJ, The</i> , <b>2012</b> , 344, e55	5.9	111
574	Carbamazepine is not a substrate for P-glycoprotein. <i>British Journal of Clinical Pharmacology</i> , <b>2001</b> , 51, 345-9	3.8	111
573	SLCO1B1 genetic variant associated with statin-induced myopathy: a proof-of-concept study using the clinical practice research datalink. <i>Clinical Pharmacology and Therapeutics</i> , <b>2013</b> , 94, 695-701	6.1	110
572	Development and inter-rater reliability of the Liverpool adverse drug reaction causality assessment tool. <i>PLoS ONE</i> , <b>2011</b> , 6, e28096	3.7	110
571	Immunological principles of adverse drug reactions: the initiation and propagation of immune responses elicited by drug treatment. <i>Drug Safety</i> , <b>2000</b> , 23, 483-507	5.1	110
570	Metabolic activation in drug allergies. <i>Toxicology</i> , <b>2001</b> , 158, 11-23	4.4	109
569	Effective dasatinib uptake may occur without human organic cation transporter 1 (hOCT1): implications for the treatment of imatinib-resistant chronic myeloid leukemia. <i>Blood</i> , <b>2008</b> , 112, 3348-54 <sup>2.2</sup>		107
568	Activation of T cells by carbamazepine and carbamazepine metabolites. <i>Journal of Allergy and Clinical Immunology</i> , <b>2006</b> , 118, 233-41	11.5	107
567	Challenges and approaches for the development of safer immunomodulatory biologics. <i>Nature Reviews Drug Discovery</i> , <b>2013</b> , 12, 306-24	64.1	106
566	Personalized pharmacogenomics: predicting efficacy and adverse drug reactions. <i>Annual Review of Genomics and Human Genetics</i> , <b>2014</b> , 15, 349-70	9.7	104
565	Advances in molecular toxicology-towards understanding idiosyncratic drug toxicity. <i>Toxicology</i> , <b>2000</b> , 153, 39-60	4.4	102
564	Induction of metabolism-dependent and -independent neutrophil apoptosis by clozapine. <i>Molecular Pharmacology</i> , <b>2000</b> , 58, 207-16	4.3	101
563	Sulfamethoxazole and its metabolite nitroso sulfamethoxazole stimulate dendritic cell costimulatory signaling. <i>Journal of Immunology</i> , <b>2007</b> , 178, 5533-42	5.3	100
562	Antigenicity and immunogenicity of sulphamethoxazole: demonstration of metabolism-dependent haptentation and T-cell proliferation in vivo. <i>British Journal of Pharmacology</i> , <b>2001</b> , 133, 295-305	8.6	100

561	Enzyme-induction dependent bioactivation of troglitazone and troglitazone quinone in vivo. <i>Chemical Research in Toxicology</i> , <b>2001</b> , 14, 965-74	4	99
560	Idiosyncratic drug reactions: a mechanistic evaluation of risk factors. <i>British Journal of Clinical Pharmacology</i> , <b>1992</b> , 34, 377-95	3.8	99
559	Clinical Pharmacogenetics Implementation Consortium Guidelines for HLA-B Genotype and Abacavir Dosing: 2014 update. <i>Clinical Pharmacology and Therapeutics</i> , <b>2014</b> , 95, 499-500	6.1	98
558	The opportunities and challenges of pragmatic point-of-care randomised trials using routinely collected electronic records: evaluations of two exemplar trials. <i>Health Technology Assessment</i> , <b>2014</b> , 18, 1-146	4.4	98
557	A method for the rapid depletion of albumin and immunoglobulin from human plasma. <i>Proteomics</i> , <b>2004</b> , 4, 3107-11	4.8	96
556	Metabolism of lamotrigine to a reactive arene oxide intermediate. <i>Chemical Research in Toxicology</i> , <b>2000</b> , 13, 1075-81	4	96
555	Phenotype standardization for immune-mediated drug-induced skin injury. <i>Clinical Pharmacology and Therapeutics</i> , <b>2011</b> , 89, 896-901	6.1	94
554	Generation and characterization of antigen-specific CD4+, CD8+, and CD4+CD8+ T-cell clones from patients with carbamazepine hypersensitivity. <i>Journal of Allergy and Clinical Immunology</i> , <b>2007</b> , 119, 973-81	11.5	94
553	Attitudes and knowledge of hospital pharmacists to adverse drug reaction reporting. <i>British Journal of Clinical Pharmacology</i> , <b>2001</b> , 51, 81-6	3.8	94
552	Characterisation of flucloxacillin and 5-hydroxymethyl flucloxacillin haptenated HSA in vitro and in vivo. <i>Proteomics - Clinical Applications</i> , <b>2009</b> , 3, 720-9	3.1	93
551	Genetic variants of ABCB10, a novel tenofovir transporter, are associated with kidney tubular dysfunction. <i>Journal of Infectious Diseases</i> , <b>2011</b> , 204, 145-53	7	92
550	SJS/TEN 2017: Building Multidisciplinary Networks to Drive Science and Translation. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , <b>2018</b> , 6, 38-69	5.4	89
549	Nilotinib concentration in cell lines and primary CD34(+) chronic myeloid leukemia cells is not mediated by active uptake or efflux by major drug transporters. <i>Leukemia</i> , <b>2009</b> , 23, 1999-2006	10.7	89
548	Association analysis of drug metabolizing enzyme gene polymorphisms in HIV-positive patients with co-trimoxazole hypersensitivity. <i>Pharmacogenetics and Genomics</i> , <b>2000</b> , 10, 705-13		88
547	Mass spectrometric characterization of circulating and functional antigens derived from piperacillin in patients with cystic fibrosis. <i>Journal of Immunology</i> , <b>2011</b> , 187, 200-11	5.3	87
546	Possible interaction between warfarin and cranberry juice. <i>BMJ, The</i> , <b>2003</b> , 327, 1454	5.9	87
545	Investigation of mechanisms in toxic epidermal necrolysis induced by carbamazepine. <i>Archives of Dermatology</i> , <b>1994</b> , 130, 598-604		86
544	Association of human leukocyte antigen alleles and nevirapine hypersensitivity in a Malawian HIV-infected population. <i>Clinical Infectious Diseases</i> , <b>2013</b> , 56, 1330-9	11.6	85

543	An investigation of the formation of cytotoxic, protein-reactive and stable metabolites from carbamazepine in vitro. <i>Biochemical Pharmacology</i> , <b>1992</b> , 43, 1675-82	6	85
542	A Systematic Review of Economic Evaluations of Pharmacogenetic Testing for Prevention of Adverse Drug Reactions. <i>Pharmacoeconomics</i> , <b>2016</b> , 34, 771-93	4.4	83
541	Short-term exercise training improves body composition and hyperlipidaemia in HIV-positive individuals with lipodystrophy. <i>Aids</i> , <b>2001</b> , 15, 2049-51	3.5	82
540	Emergency re-admissions to hospital due to adverse drug reactions within 1 year of the index admission. <i>British Journal of Clinical Pharmacology</i> , <b>2010</b> , 70, 749-55	3.8	81
539	Cytochrome P450 testing for prescribing antipsychotics in adults with schizophrenia: systematic review and meta-analyses. <i>Pharmacogenomics Journal</i> , <b>2011</b> , 11, 1-14	3.5	80
538	TNF-alpha promoter region gene polymorphisms in HIV-positive patients with lipodystrophy. <i>Aids</i> , <b>2002</b> , 16, 2013-8	3.5	80
537	Controversies in drug allergy: Testing for delayed reactions. <i>Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 143, 66-73	11.5	80
536	Aspirin resistance: effect of clinical, biochemical and genetic factors. <i>Pharmacology &amp; Therapeutics</i> , <b>2011</b> , 130, 213-25	13.9	79
535	HIV-associated lipodystrophy: a review of underlying mechanisms and therapeutic options. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2008</b> , 62, 648-60	5.1	79
534	Genetic analysis of microsomal epoxide hydrolase in patients with carbamazepine hypersensitivity. <i>Biochemical Pharmacology</i> , <b>1995</b> , 50, 1353-9	6	79
533	Characterization of amoxicillin and clavulanic-acid-responsive CD4+ And CD8+ T-cells in patients with co-amoxiclav-induced liver injury. <i>Clinical and Translational Allergy</i> , <b>2014</b> , 4, P42	5.2	78
532	HLA-DQ restricted activation of nitroso-sulfamethoxazole-specific CD4+ T-lymphocytes. <i>Clinical and Translational Allergy</i> , <b>2014</b> , 4, P110	5.2	78
531	Establishment of an HLA-typed cohort of 1000 healthy blood donors and use of a dendritic cell priming assay to prime naive T cells to structurally divergent drugs. <i>Clinical and Translational Allergy</i> , <b>2014</b> , 4, P112	5.2	78
530	Skewing of the TCR V repertoire in SMX-NO specific T cell responses. <i>Clinical and Translational Allergy</i> , <b>2014</b> , 4, P114	5.2	78
529	Antigen exposure required for T cell activation. <i>Clinical and Translational Allergy</i> , <b>2014</b> , 4, P115	5.2	78
528	Abs No: HLA-A*31:01 positive hypersensitive patient. <i>Clinical and Translational Allergy</i> , <b>2014</b> , 4, P117	5.2	78
527	Genome-wide association study of nevirapine hypersensitivity in a malawian HIV-infected population. <i>Clinical and Translational Allergy</i> , <b>2014</b> , 4, P125	5.2	78
526	CYP2B6*18 is associated with nevirapine hypersensitivity independently of HLA-C*04:01 in a Malawian HIV population. <i>Clinical and Translational Allergy</i> , <b>2014</b> , 4, P126	5.2	78

525	Population pharmacokinetic and pharmacogenetic analysis of nevirapine in hypersensitive and tolerant HIV-infected patients from Malawi. <i>Journal of the International AIDS Society</i> , <b>2010</b> , 13, P181-P187	5.4	78
524	Investigation of toxic metabolites during drug development. <i>Toxicology and Applied Pharmacology</i> , <b>2005</b> , 207, 425-34	4.6	77
523	Neutrophil cytotoxicity of the chemically reactive metabolite(s) of clozapine: possible role in agranulocytosis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>1997</b> , 283, 1375-82	4.7	77
522	Immunogenicity to biologics: mechanisms, prediction and reduction. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , <b>2012</b> , 60, 331-44	4	76
521	Metabolism-dependent neutrophil cytotoxicity of amodiaquine: A comparison with pyronaridine and related antimalarial drugs. <i>Chemical Research in Toxicology</i> , <b>1998</b> , 11, 1586-95	4	76
520	Zoonotic Transfer of Clostridium difficile Harboring Antimicrobial Resistance between Farm Animals and Humans. <i>Journal of Clinical Microbiology</i> , <b>2018</b> , 56,	9.7	75
519	Transport of gabapentin by LAT1 (SLC7A5). <i>Biochemical Pharmacology</i> , <b>2013</b> , 85, 1672-83	6	75
518	Expression of cytochrome P4502E1 in human liver: assessment by mRNA, genotype and phenotype. <i>Pharmacogenetics and Genomics</i> , <b>1998</b> , 8, 411-21		75
517	The metabolic formation of reactive intermediates from clozapine, a drug associated with agranulocytosis in man. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>1995</b> , 275, 1463-75	4.7	75
516	Statin-Related Myotoxicity: A Comprehensive Review of Pharmacokinetic, Pharmacogenomic and Muscle Components. <i>Journal of Clinical Medicine</i> , <b>2019</b> , 9,	5.1	75
515	Idiosyncratic drug reactions. Metabolic bioactivation as a pathogenic mechanism. <i>Clinical Pharmacokinetics</i> , <b>1996</b> , 31, 215-30	6.2	74
514	Social media and pharmacovigilance: A review of the opportunities and challenges. <i>British Journal of Clinical Pharmacology</i> , <b>2015</b> , 80, 910-20	3.8	73
513	Relevance of induction of human drug-metabolizing enzymes: pharmacological and toxicological implications. <i>British Journal of Clinical Pharmacology</i> , <b>1996</b> , 41, 477-91	3.8	73
512	Off-label and unlicensed medicine use and adverse drug reactions in children: a narrative review of the literature. <i>European Journal of Clinical Pharmacology</i> , <b>2012</b> , 68, 21-8	2.8	72
511	Effect of topiramate on acid-base balance: extent, mechanism and effects. <i>British Journal of Clinical Pharmacology</i> , <b>2009</b> , 68, 655-61	3.8	72
510	Risk stratification after paracetamol overdose using mechanistic biomarkers: results from two prospective cohort studies. <i>The Lancet Gastroenterology and Hepatology</i> , <b>2018</b> , 3, 104-113	18.8	72
509	HIV and drug allergy. <i>Current Opinion in Allergy and Clinical Immunology</i> , <b>2001</b> , 1, 311-316	3.3	71
508	Adverse drug reactions in hospitals: a narrative review. <i>Current Drug Safety</i> , <b>2007</b> , 2, 79-87	1.4	69



507	Adverse drug reactions and off-label and unlicensed medicines in children: a nested case-control study of inpatients in a pediatric hospital. <i>BMC Medicine</i> , <b>2013</b> , 11, 238	11.4	68
506	Direct evidence for the formation of diastereoisomeric benzylpenicilloyl haptens from benzylpenicillin and benzylpenicillic acid in patients. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2011</b> , 338, 841-9	4.7	68
505	Characterization of the antigen specificity of T-cell clones from piperacillin-hypersensitive patients with cystic fibrosis. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2012</b> , 341, 597-610	4.7	68
504	Genetic polymorphism of cytochrome P4502E1 and risk of alcoholic liver disease in Caucasians. <i>Pharmacogenetics and Genomics</i> , <b>1995</b> , 5, 351-7		68
503	Characterization of amoxicillin- and clavulanic acid-specific T cells in patients with amoxicillin-clavulanate-induced liver injury. <i>Hepatology</i> , <b>2015</b> , 62, 887-99	11.2	67
502	Characterization of sulfamethoxazole and sulfamethoxazole metabolite-specific T-cell responses in animals and humans. <i>Journal of Pharmacology and Experimental Therapeutics</i> , <b>2003</b> , 306, 229-37	4.7	67
501	Childhood asthma exacerbations and the Arg16 $\beta$ -receptor polymorphism: A meta-analysis stratified by treatment. <i>Journal of Allergy and Clinical Immunology</i> , <b>2016</b> , 138, 107-113.e5	11.5	66
500	Genetic factors in the predisposition to drug-induced hypersensitivity reactions. <i>AAPS Journal</i> , <b>2006</b> , 8, E20-6	3.7	66
499	An investigation of the formation of cytotoxic, genotoxic, protein-reactive and stable metabolites from naphthalene by human liver microsomes. <i>Biochemical Pharmacology</i> , <b>1993</b> , 46, 1529-38	6	66
498	New genetic findings lead the way to a better understanding of fundamental mechanisms of drug hypersensitivity. <i>Journal of Allergy and Clinical Immunology</i> , <b>2015</b> , 136, 236-44	11.5	65
497	Aminoglycoside-induced nephrotoxicity in children. <i>Pediatric Nephrology</i> , <b>2017</b> , 32, 2015-2025	3.2	64
496	Relationship between the C3435T and G2677T(A) polymorphisms in the ABCB1 gene and P-glycoprotein expression in human liver. <i>British Journal of Clinical Pharmacology</i> , <b>2005</b> , 59, 365-70	3.8	64
495	Mechanism of clozapine-induced agranulocytosis : current status of research and implications for drug development. <i>CNS Drugs</i> , <b>1997</b> , 7, 139-58	6.7	63
494	Clinical factors and ABCB1 polymorphisms in prediction of antiepileptic drug response: a prospective cohort study. <i>Lancet Neurology</i> , <b>2006</b> , 5, 668-76	24.1	63
493	Pharmacogenetics: past, present and future. <i>Drug Discovery Today</i> , <b>2011</b> , 16, 852-61	8.8	61
492	The burden of alcohol misuse on an inner-city general hospital. <i>QJM - Monthly Journal of the Association of Physicians</i> , <b>2000</b> , 93, 291-5	2.7	61
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490	Time to onset of bisphosphonate-related osteonecrosis of the jaws: a multicentre retrospective cohort study. <i>Oral Diseases</i> , <b>2017</b> , 23, 477-483	3.5	60

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