

Bruce C Carleton

List of Publications by Citations

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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.

211
papers

5,142
citations

35
h-index

65
g-index

232
ext. papers

6,220
ext. citations

4.8
avg, IF

5.42
L-index

#	Paper	IF	Citations
211	More codeine fatalities after tonsillectomy in North American children. <i>Pediatrics</i> , 2012 , 129, e1343-7	7.4	289
210	Pharmacogenomic prediction of anthracycline-induced cardiotoxicity in children. <i>Journal of Clinical Oncology</i> , 2012 , 30, 1422-8	2.2	267
209	Genetic variants in TPMT and COMT are associated with hearing loss in children receiving cisplatin chemotherapy. <i>Nature Genetics</i> , 2009 , 41, 1345-9	36.3	243
208	Pharmacogenetics of neonatal opioid toxicity following maternal use of codeine during breastfeeding: a case-control study. <i>Clinical Pharmacology and Therapeutics</i> , 2009 , 85, 31-5	6.1	240
207	A coding variant in RARG confers susceptibility to anthracycline-induced cardiotoxicity in childhood cancer. <i>Nature Genetics</i> , 2015 , 47, 1079-84	36.3	155
206	Recommendations for HLA-B*15:02 and HLA-A*31:01 genetic testing to reduce the risk of carbamazepine-induced hypersensitivity reactions. <i>Epilepsia</i> , 2014 , 55, 496-506	6.4	142
205	Differential effect of the rs4149056 variant in SLCO1B1 on myopathy associated with simvastatin and atorvastatin. <i>Pharmacogenomics Journal</i> , 2012 , 12, 233-7	3.5	142
204	Clinical Pharmacogenetics Implementation Consortium Guideline for HLA Genotype and Use of Carbamazepine and Oxcarbazepine: 2017 Update. <i>Clinical Pharmacology and Therapeutics</i> , 2018 , 103, 574-581	6.1	139
203	Sildenafil citrate therapy for severe early-onset intrauterine growth restriction. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2011 , 118, 624-8	3.7	133
202	Recommendations for genetic testing to reduce the incidence of anthracycline-induced cardiotoxicity. <i>British Journal of Clinical Pharmacology</i> , 2016 , 82, 683-95	3.8	129
201	Therapy with both magnesium sulfate and nifedipine does not increase the risk of serious magnesium-related maternal side effects in women with preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , 2005 , 193, 153-63	6.4	118
200	Validation of variants in SLC28A3 and UGT1A6 as genetic markers predictive of anthracycline-induced cardiotoxicity in children. <i>Pediatric Blood and Cancer</i> , 2013 , 60, 1375-81	3	117
199	Direct health care costs associated with asthma in British Columbia. <i>Canadian Respiratory Journal</i> , 2010 , 17, 74-80	2.1	96
198	HLA-A 31:01 and HLA-B 15:02 as genetic markers for carbamazepine hypersensitivity in children. <i>Clinical Pharmacology and Therapeutics</i> , 2013 , 94, 142-9	6.1	91
197	SJS/TEN 2017: Building Multidisciplinary Networks to Drive Science and Translation. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2018 , 6, 38-69	5.4	89
196	Replication of TPMT and ABCC3 genetic variants highly associated with cisplatin-induced hearing loss in children. <i>Clinical Pharmacology and Therapeutics</i> , 2013 , 94, 243-51	6.1	87
195	Central nervous system depression of neonates breastfed by mothers receiving oxycodone for postpartum analgesia. <i>Journal of Pediatrics</i> , 2012 , 160, 33-7.e2	3.6	81

194	Exome sequencing pilot study in children with carbamazepine-induced serious skin reactions. <i>Clinical and Translational Allergy</i> , 2014 , 4, P119	5.2	78
193	Fatal hydrocodone overdose in a child: pharmacogenetics and drug interactions. <i>Pediatrics</i> , 2010 , 126, e986-9	7.4	75
192	Genetic variants in SLC22A17 and SLC22A7 are associated with anthracycline-induced cardiotoxicity in children. <i>Pharmacogenomics</i> , 2015 , 16, 1065-76	2.6	73
191	Effect of a clinical pathway on the hospitalisation rates of children with asthma: a prospective study. <i>Archives of Disease in Childhood</i> , 2007 , 92, 60-6	2.2	73
190	The emerging era of pharmacogenomics: current successes, future potential, and challenges. <i>Clinical Genetics</i> , 2014 , 86, 21-8	4	54
189	Adverse drug reaction active surveillance: developing a national network in Canada's children's hospitals. <i>Pharmacoepidemiology and Drug Safety</i> , 2009 , 18, 713-21	2.6	53
188	Clinical and economic consequences of a reimbursement restriction of nebulised respiratory therapy in adults: direct comparison of randomised and observational evaluations. <i>BMJ, The</i> , 2004 , 328, 560	5.9	53
187	Prediction of codeine toxicity in infants and their mothers using a novel combination of maternal genetic markers. <i>Clinical Pharmacology and Therapeutics</i> , 2012 , 91, 692-9	6.1	52
186	The Canadian Pharmacogenomics Network for Drug Safety: a model for safety pharmacology. <i>Thyroid</i> , 2010 , 20, 681-7	6.2	49
185	Recommendations for ototoxicity surveillance for childhood, adolescent, and young adult cancer survivors: a report from the International Late Effects of Childhood Cancer Guideline Harmonization Group in collaboration with the PanCare Consortium. <i>Lancet Oncology, The</i> , 2019 , 20, e29-e41	21.7	46
184	Clinical Practice Recommendations on Genetic Testing of CYP2C9 and VKORC1 Variants in Warfarin Therapy. <i>Therapeutic Drug Monitoring</i> , 2015 , 37, 428-36	3.2	44
183	Non-steroidal anti-inflammatory drug use and the risk of Parkinson disease: a retrospective cohort study. <i>Journal of Clinical Neuroscience</i> , 2008 , 15, 576-7	2.2	44
182	The added burden of comorbidity in patients with asthma. <i>Journal of Asthma</i> , 2009 , 46, 1021-6	1.9	42
181	Pharmacogenetic testing: time for clinical practice guidelines. <i>Clinical Pharmacology and Therapeutics</i> , 2011 , 89, 924-7	6.1	41
180	Pharmacogenomics of Vincristine-Induced Peripheral Neuropathy Implicates Pharmacokinetic and Inherited Neuropathy Genes. <i>Clinical Pharmacology and Therapeutics</i> , 2019 , 105, 402-410	6.1	36
179	Risk of Gambling Disorder and Impulse Control Disorder With Aripiprazole, Pramipexole, and Ropinirole: A Pharmacoepidemiologic Study. <i>Journal of Clinical Psychopharmacology</i> , 2017 , 37, 102-104	1.7	35
178	CYP2D6 polymorphisms and codeine analgesia in postpartum pain management: a pilot study. <i>Therapeutic Drug Monitoring</i> , 2011 , 33, 425-32	3.2	35
177	Genetic variation in predicts phenytoin-induced maculopapular exanthema in European-descent patients. <i>Neurology</i> , 2018 , 90, e332-e341	6.5	33

176	Codeine-related deaths: The role of pharmacogenetics and drug interactions. <i>Forensic Science International</i> , 2014 , 239, 50-6	2.6	33
175	Clinical Practice Recommendations for the Management and Prevention of Cisplatin-Induced Hearing Loss Using Pharmacogenetic Markers. <i>Therapeutic Drug Monitoring</i> , 2016 , 38, 423-31	3.2	31
174	VKORC1 and CYP2C9 genotypes are predictors of warfarin-related outcomes in children. <i>Pediatric Blood and Cancer</i> , 2014 , 61, 1055-62	3	31
173	Association of Repeated Intravitreal Bevacizumab Injections With Risk for Glaucoma Surgery. <i>JAMA Ophthalmology</i> , 2017 , 135, 363-368	3.9	30
172	Prescription drug dispensing profiles for one million children: a population-based analysis. <i>European Journal of Clinical Pharmacology</i> , 2013 , 69, 581-8	2.8	30
171	Association Between SLC16A5 Genetic Variation and Cisplatin-Induced Ototoxic Effects in Adult Patients With Testicular Cancer. <i>JAMA Oncology</i> , 2017 , 3, 1558-1562	13.4	29
170	Common variation near IRF6 is associated with IFN- γ -induced liver injury in multiple sclerosis. <i>Nature Genetics</i> , 2018 , 50, 1081-1085	36.3	28
169	Statin use and the risk of Parkinson disease: a nested case control study. <i>Journal of Clinical Neuroscience</i> , 2008 , 15, 1272-3	2.2	28
168	Identifying persons with treated asthma using administrative data via latent class modelling. <i>Health Services Research</i> , 2008 , 43, 733-54	3.4	27
167	A clinical tool for reducing central nervous system depression among neonates exposed to codeine through breast milk. <i>PLoS ONE</i> , 2013 , 8, e70073	3.7	27
166	Narcolepsy and adjuvanted pandemic influenza A (H1N1) 2009 vaccines - Multi-country assessment. <i>Vaccine</i> , 2018 , 36, 6202-6211	4.1	26
165	Apnea and Oxygen Desaturations in Children Treated with Opioids after Adenotonsillectomy for Obstructive Sleep Apnea Syndrome. <i>Paediatric Drugs</i> , 2012 , 14, 411-415	4.2	24
164	Genetic Variations and Cisplatin Nephrotoxicity: A Systematic Review. <i>Frontiers in Pharmacology</i> , 2018 , 9, 1111	5.6	24
163	Higher frequency of genetic variants conferring increased risk for ADRs for commonly used drugs treating cancer, AIDS and tuberculosis in persons of African descent. <i>Pharmacogenomics Journal</i> , 2014 , 14, 160-70	3.5	23
162	Cases: Cocaine adulterant linked to neutropenia. <i>Cmaj</i> , 2010 , 182, 57-9	3.5	23
161	Pharmacogenomics in Pediatric Patients: Towards Personalized Medicine. <i>Paediatric Drugs</i> , 2016 , 18, 251-60	4.2	23
160	Rationale and design of the multiethnic Pharmacogenomics in Childhood Asthma consortium. <i>Pharmacogenomics</i> , 2017 , 18, 931-943	2.6	22
159	Genotypic approaches to therapy in children: a national active surveillance network (GATC) to study the pharmacogenomics of severe adverse drug reactions in children. <i>Annals of the New York Academy of Sciences</i> , 2007 , 1110, 177-92	6.5	22

158	Pharmacogenomics and its implications for autoimmune disease. <i>Journal of Autoimmunity</i> , 2007 , 28, 122-8	15.5	22
157	The influence of genetic variation on late toxicities in childhood cancer survivors: A review. <i>Critical Reviews in Oncology/Hematology</i> , 2018 , 126, 154-167	7	22
156	Association of Postoperative Topical Prostaglandin Analog or Beta-Blocker Use and Incidence of Pseudophakic Cystoid Macular Edema. <i>Journal of Glaucoma</i> , 2018 , 27, 402-406	2.1	21
155	Oral fluoroquinolones and risk of secondary pseudotumor cerebri syndrome: Nested case-control study. <i>Neurology</i> , 2017 , 89, 792-795	6.5	21
154	Communicating pharmacogenetic research results to breastfeeding mothers taking codeine: a pilot study of perceptions and benefits. <i>Clinical Pharmacology and Therapeutics</i> , 2010 , 88, 792-5	6.1	21
153	Further Investigation of the Role of and Pharmacogenomic Variants in the Development of Cisplatin-Induced Ototoxicity in Testicular Cancer Patients. <i>Clinical Cancer Research</i> , 2018 , 24, 1866-1871	12.9	20
152	Application of principal component analysis to pharmacogenomic studies in Canada. <i>Pharmacogenomics Journal</i> , 2009 , 9, 362-72	3.5	20
151	Hair cortisol as a novel biomarker of HPA suppression by inhaled corticosteroids in children. <i>Pediatric Research</i> , 2015 , 78, 44-7	3.2	19
150	SJS/TEN 2019: From science to translation. <i>Journal of Dermatological Science</i> , 2020 , 98, 2-12	4.3	18
149	Oral morphine dosing predictions based on single dose in healthy children undergoing surgery. <i>Paediatric Anaesthesia</i> , 2017 , 27, 28-36	1.8	18
148	Role of TPMT and COMT genetic variation in cisplatin-induced ototoxicity. <i>Clinical Pharmacology and Therapeutics</i> , 2014 , 95, 253	6.1	18
147	Physician variability in treating pain and irritability of unknown origin in children with severe neurological impairment. <i>Pain Research and Management</i> , 2013 , 18, 243-8	2.6	18
146	CYP2D6 as a treatment decision aid for ER-positive non-metastatic breast cancer patients: a systematic review with accompanying clinical practice guidelines. <i>Breast Cancer Research and Treatment</i> , 2019 , 173, 521-532	4.4	18
145	Risk of Myocardial Infarction and Stroke With Single or Repeated Doses of Intravitreal Bevacizumab in Age-Related Macular Degeneration. <i>American Journal of Ophthalmology</i> , 2016 , 163, 53-58	4.9	17
144	Quantifying adverse drug events : are systematic reviews the answer?. <i>Drug Safety</i> , 2004 , 27, 757-61	5.1	17
143	Paediatric adverse drug reaction reporting: understanding and future directions. <i>Journal of Population Therapeutics and Clinical Pharmacology</i> , 2007 , 14, e45-57	2	17
142	Morphine biotransformation genes and neonatal clinical factors predicted behaviour problems in very preterm children at 18 months. <i>EBioMedicine</i> , 2019 , 40, 655-662	8.8	16
141	Pharmacogenomic Variability of Oral Baclofen Clearance and Clinical Response in Children With Cerebral Palsy. <i>PM and R</i> , 2018 , 10, 235-243	2.2	16

140	Association of Antidepressant Use With Drug-Related Extrapyramidal Symptoms: A Pharmacoepidemiological Study. <i>Journal of Clinical Psychopharmacology</i> , 2018 , 38, 349-356	1.7	16
139	Cisplatin Nephrotoxicity and Longitudinal Growth in Children With Solid Tumors: A Retrospective Cohort Study. <i>Medicine (United States)</i> , 2015 , 94, e1413	1.8	16
138	Pharmacogenomics and adverse drug reactions in children. <i>Frontiers in Genetics</i> , 2014 , 5, 78	4.5	16
137	Pharmacogenomics of cardiovascular drugs and adverse effects in pediatrics. <i>Journal of Cardiovascular Pharmacology</i> , 2011 , 58, 228-39	3.1	16
136	Pharmacogenomics and active surveillance for serious adverse drug reactions in children. <i>Pharmacogenomics</i> , 2010 , 11, 1269-85	2.6	16
135	Clinical practice guideline: CYP2D6 genotyping for safe and efficacious codeine therapy. <i>Journal of Population Therapeutics and Clinical Pharmacology</i> , 2013 , 20, e369-96	3.3	16
134	Pharmacogenomic diversity in Singaporean populations and Europeans. <i>Pharmacogenomics Journal</i> , 2014 , 14, 555-63	3.5	14
133	Hearing loss in Mexican children treated with cisplatin. <i>International Journal of Pediatric Otorhinolaryngology</i> , 2014 , 78, 1456-60	1.7	14
132	Fifty years of pediatric asthma in developed countries: how reliable are the basic data sources?. <i>Pediatric Pulmonology</i> , 2012 , 47, 211-9	3.5	14
131	Putative association of ABCB1 2677G>T/A with oxycodone-induced central nervous system depression in breastfeeding mothers. <i>Therapeutic Drug Monitoring</i> , 2013 , 35, 466-72	3.2	14
130	Genetic diversity of variants involved in drug response and metabolism in Sri Lankan populations: implications for clinical implementation of pharmacogenomics. <i>Pharmacogenetics and Genomics</i> , 2016 , 26, 28-39	1.9	14
129	Hair cortisol as a hypothalamic-pituitary-adrenal axis biomarker in pregnant women with asthma: a retrospective observational study. <i>BMC Pregnancy and Childbirth</i> , 2016 , 16, 176	3.2	13
128	Antipsychotic-Associated Symptoms of Tourette Syndrome: A Systematic Review. <i>CNS Drugs</i> , 2018 , 32, 917-938	6.7	13
127	High use of health services in patients with suboptimal asthma drug regimens: a population-based assessment in British Columbia, Canada. <i>Pharmacoepidemiology and Drug Safety</i> , 2013 , 22, 744-51	2.6	13
126	Palivizumab for the prevention of respiratory syncytial virus infection. <i>Canadian Family Physician</i> , 2010 , 56, 769-72	0.9	13
125	Prevalence and risk factors for cisplatin-induced hearing loss in children, adolescents, and young adults: a multi-institutional North American cohort study. <i>The Lancet Child and Adolescent Health</i> , 2021 , 5, 274-283	14.5	13
124	Oral Fluoroquinolones and Risk of Mitral and Aortic Regurgitation. <i>Journal of the American College of Cardiology</i> , 2019 , 74, 1444-1450	15.1	12
123	A Compartmental Analysis for Morphine and Its Metabolites in Young Children After a Single Oral Dose. <i>Clinical Pharmacokinetics</i> , 2015 , 54, 1083-90	6.2	12

122	Risk of sensorineural hearing loss with macrolide antibiotics: A nested case-control study. <i>Laryngoscope</i> , 2017 , 127, 229-232	3.6	12
121	Life-threatening adverse events following therapeutic opioid administration in adults: is pharmacogenetic analysis useful?. <i>Pain Research and Management</i> , 2013 , 18, 133-6	2.6	12
120	Drug formulary decision-making in two regional health authorities in British Columbia, Canada. <i>Health Policy</i> , 2008 , 88, 308-16	3.2	12
119	Design and Methods of the Pan-Canadian Applying Biomarkers to Minimize Long-Term Effects of Childhood/Adolescent Cancer Treatment (ABLE) Nephrotoxicity Study: A Prospective Observational Cohort Study. <i>Canadian Journal of Kidney Health and Disease</i> , 2017 , 4, 2054358117690338	2.3	11
118	A comparison of the Muenster, SIOP Boston, Brock, Chang and CTCAEv4.03 ototoxicity grading scales applied to 3,799 audiograms of childhood cancer patients treated with platinum-based chemotherapy. <i>PLoS ONE</i> , 2019 , 14, e0210646	3.7	11
117	Genetic determinants of cocaine-associated agranulocytosis. <i>BMC Research Notes</i> , 2015 , 8, 240	2.3	11
116	Pharmacogenetic variants in TPMT alter cellular responses to cisplatin in inner ear cell lines. <i>PLoS ONE</i> , 2017 , 12, e0175711	3.7	11
115	Evidence-based pharmacotherapy: review of basic concepts and applications in clinical practice. <i>Annals of Pharmacotherapy</i> , 1998 , 32, 1193-200	2.9	11
114	Improving pediatric drug safety: need for more efficient clinical translation of pharmacovigilance knowledge. <i>Journal of Population Therapeutics and Clinical Pharmacology</i> , 2011 , 18, e76-88	3.3	11
113	Outcome Definition Influences the Relationship Between Genetic Polymorphisms of , , and Cisplatin Nephrotoxicity in Adult Testicular Cancer Patients. <i>Genes</i> , 2019 , 10,	4.2	10
112	Association between regulatory advisories and codeine prescribing to postpartum women. <i>JAMA - Journal of the American Medical Association</i> , 2015 , 313, 1861-2	27.4	10
111	Risperidone and Risk of Gynecomastia in Young Men. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2015 , 25, 671-3	2.9	10
110	Epidemiologic Characteristics of Acute Kidney Injury During Cisplatin Infusions in Children Treated for Cancer. <i>JAMA Network Open</i> , 2020 , 3, e203639	10.4	10
109	Use of oseltamivir in children. <i>Canadian Family Physician</i> , 2009 , 55, 1199-201	0.9	10
108	Incidence rates of narcolepsy diagnoses in Taiwan, Canada, and Europe: The use of statistical simulation to evaluate methods for the rapid assessment of potential safety issues on a population level in the SOMNIA study. <i>PLoS ONE</i> , 2018 , 13, e0204799	3.7	10
107	Pharmacogenomic screening for anthracycline-induced cardiotoxicity in childhood cancer. <i>British Journal of Clinical Pharmacology</i> , 2017 , 83, 1143-1145	3.8	9
106	Pharmacogenomics of Cisplatin-Induced Ototoxicity: Successes, Shortcomings, and Future Avenues of Research. <i>Clinical Pharmacology and Therapeutics</i> , 2019 , 106, 350-359	6.1	9
105	Postpartum maternal codeine therapy and the risk of adverse neonatal outcomes: the devil is in the details. <i>Therapeutic Drug Monitoring</i> , 2012 , 34, 378-80	3.2	9

104	Risk of Extrapyrimal Adverse Events With Aripiprazole. <i>Journal of Clinical Psychopharmacology</i> , 2016 , 36, 472-4	1.7	9
103	Pathways to Overmedication and Polypharmacy: Case Examples from Adolescents with Fetal Alcohol Spectrum Disorders 2015 , 125-148		8
102	Development of a broad-based ADME panel for use in pharmacogenomic studies. <i>Pharmacogenomics</i> , 2014 , 15, 1185-95	2.6	8
101	Suspected autoimmune hepatitis and primary biliary cirrhosis unmasked by interferon-beta in a multiple sclerosis patient. <i>Multiple Sclerosis and Related Disorders</i> , 2013 , 2, 57-9	4	8
100	Suspected opioid overdose case resolved by CYP2D6 genotyping. <i>Therapeutic Drug Monitoring</i> , 2012 , 34, 121-3	3.2	8
99	The Dimensionality and Gender Differential Item Functioning of the Mini Asthma Quality of Life Questionnaire (MiniAQLQ). <i>Social Indicators Research</i> , 2004 , 68, 91-105	2.7	8
98	Active surveillance systems for pediatric adverse drug reactions: an idea whose time has come. <i>Current Therapeutic Research</i> , 2001 , 62, 738-742	2.4	8
97	Genetic Determinants of Ototoxicity During and After Childhood Cancer Treatment: Protocol for the PanCareLIFE Study. <i>JMIR Research Protocols</i> , 2019 , 8, e11868	2	8
96	CYP2C9, VKORC1, and CYP4F2 polymorphisms and pediatric warfarin maintenance dose: a systematic review and meta-analysis. <i>Pharmacogenomics Journal</i> , 2020 , 20, 306-319	3.5	8
95	Considerations for Implementing Precision Therapeutics for Children. <i>Clinical and Translational Science</i> , 2019 , 12, 140-150	4.9	8
94	Use of pharmacogenomics in pediatric renal transplant recipients. <i>Frontiers in Genetics</i> , 2015 , 6, 41	4.5	7
93	Genetic markers of cisplatin-induced hearing loss in children. <i>Clinical Pharmacology and Therapeutics</i> , 2014 , 96, 296-8	6.1	7
92	The potential role of pharmacogenomics in the prevention of serious adverse drug reactions in multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2013 , 2, 183-92	4	7
91	Characteristics associated with drug-induced liver injury from interferon beta in multiple sclerosis patients. <i>Expert Opinion on Drug Safety</i> , 2014 , 13, 1305-17	4.1	7
90	Simple approach to dosage adjustment in patients with renal impairment. <i>American Journal of Health-System Pharmacy</i> , 1997 , 54, 2505-9	2.2	7
89	Apnea and oxygen desaturations in children treated with opioids after adenotonsillectomy for obstructive sleep apnea syndrome: a prospective pilot study. <i>Paediatric Drugs</i> , 2012 , 14, 411-5	4.2	7
88	Vincristine-induced peripheral neurotoxicity: A prospective cohort. <i>Pediatric Hematology and Oncology</i> , 2020 , 37, 15-28	1.7	7
87	Challenges and Opportunities in Implementing Pharmacogenetic Testing in Clinical Settings. <i>Annual Review of Pharmacology and Toxicology</i> , 2021 , 61, 65-84	17.9	7

86	Fluoroquinolone Use and Risk of Carpal Tunnel Syndrome: A Pharmacoepidemiologic Study. <i>Clinical Infectious Diseases</i> , 2017 , 65, 684-686	11.6	6
85	Risk of Gynecomastia with Users of Proton Pump Inhibitors. <i>Pharmacotherapy</i> , 2019 , 39, 614-618	5.8	6
84	Statin medications and the risk of gynecomastia. <i>Clinical Endocrinology</i> , 2018 , 89, 470-473	3.4	6
83	The use of conferencing technologies to support drug policy group knowledge exchange processes: an action case approach. <i>International Journal of Medical Informatics</i> , 2011 , 80, 251-61	5.3	6
82	Medication errors: neonates, infants and children are the most vulnerable!. <i>Journal of Pediatric Pharmacology and Therapeutics</i> , 2008 , 13, 65-7	1.6	6
81	Analyses of Adverse Drug Reactions-Nationwide Active Surveillance Network: Canadian Pharmacogenomics Network for Drug Safety Database. <i>Journal of Clinical Pharmacology</i> , 2019 , 59, 356-369	3.9	6
80	Tumor necrosis factor inhibitors and risk of peripheral neuropathy in patients with rheumatic diseases. <i>Seminars in Arthritis and Rheumatism</i> , 2019 , 48, 1083-1086	5.3	6
79	Cutaneous adverse drug reactions in children: an analysis of reports from the Canadian Pharmacogenomics Network for Drug Safety (CPNDS). <i>Journal of Population Therapeutics and Clinical Pharmacology</i> , 2011 , 18, e106-20	3.3	6
78	Improved strength on 5-hydroxytryptophan and carbidopa in spinal cord atrophy. <i>Journal of the Neurological Sciences</i> , 2017 , 378, 59-62	3.2	5
77	Real-World Evidence to Assess Medication Safety or Effectiveness in Children: Systematic Review. <i>Drugs - Real World Outcomes</i> , 2020 , 7, 97-107	2.2	5
76	Pharmacogenomic associations of adverse drug reactions in asthma: systematic review and research prioritisation. <i>Pharmacogenomics Journal</i> , 2020 , 20, 621-628	3.5	5
75	Assessment of hair cortisol as a potential biomarker for possible adrenal suppression due to inhaled corticosteroid use in children with asthma: A retrospective observational study. <i>Clinical Biochemistry</i> , 2018 , 56, 26-32	3.5	5
74	Risk of Anterior Segment Complications Associated With the Live Herpes Zoster Vaccine: Evidence From a Health-Claim Database. <i>Cornea</i> , 2018 , 37, 952-956	3.1	5
73	HUME: large-scale detection of causal genetic factors of adverse drug reactions. <i>Bioinformatics</i> , 2018 , 34, 4274-4283	7.2	5
72	Cancer pharmacogenomics in children: research initiatives and progress to date. <i>Paediatric Drugs</i> , 2013 , 15, 71-81	4.2	5
71	Using pharmacogenetics to understand adverse drug reactions in children. <i>Paediatrics and Child Health</i> , 2011 , 16, 537-8	0.7	5
70	Demonstrating utility of pharmacogenetics in pediatric populations: methodological considerations. <i>Clinical Pharmacology and Therapeutics</i> , 2010 , 88, 757-9	6.1	5
69	Identification of Drug Transporter Genomic Variants and Inhibitors that Protect Against Doxorubicin-Induced Cardiotoxicity. <i>Circulation</i> , 2021 ,	16.7	5

68	Oral fluoroquinolones and risk of fibromyalgia. <i>British Journal of Clinical Pharmacology</i> , 2019 , 85, 236-239.	3.8	5
67	The cumulative incidence of cisplatin-induced hearing loss in young children is higher and develops at an early stage during therapy compared with older children based on 2052 audiological assessments. <i>Cancer</i> , 2021 ,	6.4	5
66	Regulatory approval for new pharmacogenomic tests: a comparative overview. <i>Food and Drug Law Journal</i> , 2011 , 66, 1-24, i		5
65	Asthma in British Columbia: Are we finally breathing easier? A population-based study of the burden of disease over 14 years. <i>Journal of Asthma</i> , 2017 , 54, 308-317	1.9	4
64	An update on CYP2C9 polymorphisms and phenytoin metabolism: implications for adverse effects. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2020 , 16, 723-734	5.5	4
63	Emergency department visits for children with acute asthma: discharge instructions, parental plans, and follow-through of care--a prospective study. <i>Canadian Journal of Emergency Medicine</i> , 2014 , 16, 467-476	9.6	4
62	Genetic variants associated with methotrexate-induced mucositis in cancer treatment: A systematic review and meta-analysis. <i>Critical Reviews in Oncology/Hematology</i> , 2021 , 161, 103312	7	4
61	An in silico framework for integrating epidemiologic and genetic evidence with health care applications: ventilation-related pneumothorax as a case illustration. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2016 , 23, 711-20	8.6	4
60	Recommendations for Age-Appropriate Testing, Timing, and Frequency of Audiologic Monitoring During Childhood Cancer Treatment: An International Society of Paediatric Oncology Supportive Care Consensus Report. <i>JAMA Oncology</i> , 2021 , 7, 1550-1558	13.4	4
59	RARG variant predictive of doxorubicin-induced cardiotoxicity identifies a cardioprotective therapy. <i>Cell Stem Cell</i> , 2021 , 28, 2076-2089.e7	18	4
58	Direct-Acting Antivirals for Hepatitis C: Predictors of Early Discontinuation in the Real World. <i>Journal of Managed Care & Specialty Pharmacy</i> , 2019 , 25, 697-704	1.9	3
57	Big Data in the Assessment of Pediatric Medication Safety. <i>Pediatrics</i> , 2020 , 145,	7.4	3
56	An initial health economic evaluation of pharmacogenomic testing in patients treated for childhood cancer with anthracyclines. <i>Pediatric Blood and Cancer</i> , 2018 , 65, e26887	3	3
55	Activated protein C as disease-modifying therapy in antenatal preeclampsia: An open-label, single arm safety and efficacy trial. <i>Pregnancy Hypertension</i> , 2018 , 13, 121-126	2.6	3
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