J Steven Leeder

List of Publications by Year
in descending order

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218	13,119	26610	26591
papers	citations	56 h-index	107 g-index

250	250	250	13211
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Developmental Pharmacology â€" Drug Disposition, Action, and Therapy in Infants and Children. New England Journal of Medicine, 2003, 349, 1157-1167.	13.9	1,986
2	Inhibition of acute lymphoblastic leukaemia by a Jak-2 inhibitor. Nature, 1996, 379, 645-648.	13.7	879
3	Cytochrome P450 3A. Clinical Pharmacokinetics, 1999, 37, 485-505.	1.6	480
4	Prediction of CYP2D6 phenotype from genotype across world populations. Genetics in Medicine, 2017, 19, 69-76.	1.1	365
5	Glucuronidation in Humans. Clinical Pharmacokinetics, 1999, 36, 439-452.	1.6	346
6	The Pharmacogene Variation (PharmVar) Consortium: Incorporation of the Human Cytochrome P450 (CYP) Allele Nomenclature Database. Clinical Pharmacology and Therapeutics, 2018, 103, 399-401.	2.3	335
7	Valproic acid pathway. Pharmacogenetics and Genomics, 2013, 23, 236-241.	0.7	270
8	Systematic genetic and genomic analysis of cytochrome P450 enzyme activities in human liver. Genome Research, 2010, 20, 1020-1036.	2.4	231
9	Clinical Pharmacogenetics Implementation Consortium Guideline for CYP2D6, OPRM1, and COMT Genotypes and Select Opioid Therapy. Clinical Pharmacology and Therapeutics, 2021, 110, 888-896.	2.3	212
10	PHARMACOGENETICS IN PEDIATRICS. Pediatric Clinics of North America, 1997, 44, 55-77.	0.9	189
11	Unique CYP2D6 activity distribution and genotype-phenotype discordance in black Americans*. Clinical Pharmacology and Therapeutics, 2002, 72, 76-89.	2.3	178
12	Ontogeny of drug metabolizing enzymes in the neonate. Seminars in Fetal and Neonatal Medicine, 2005, 10, 123-138.	1.1	161
13	Ontogeny of Dextromethorphan O- and N-demethylation in the First Year of Life. Clinical Pharmacology and Therapeutics, 2007, 81, 510-516.	2.3	160
14	The NSIGHT1-randomized controlled trial: rapid whole-genome sequencing for accelerated etiologic diagnosis in critically ill infants. Npj Genomic Medicine, 2018, 3, 6.	1.7	156
15	Clinical Pharmacogenetics Implementation Consortium Guideline for <scp>Cytochrome P450 (CYP)</scp>2D6 Genotype and Atomoxetine Therapy. Clinical Pharmacology and Therapeutics, 2019, 106, 94-102.	2.3	152
16	Cytochrome P4502D6 (CYP2D6) Gene Locus Heterogeneity: Characterization of Gene Duplication Events. Clinical Pharmacology and Therapeutics, 2007, 81, 242-251.	2.3	143
17	Optimization of cytochrome P4502D6 (CYP2D6) phenotype assignment using a genotyping algorithm based on allele frequency data. Pharmacogenetics and Genomics, 1999, 9, 669-682.	0.7	142
18	Pharmacokinetics and genotypes do not predict metoprolol adverse events or efficacy in hypertension. Clinical Pharmacology and Therapeutics, 2004, 76, 536-544.	2.3	134

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19	Combined phenotypic assessment of cytochrome P450 1A2, 2C9, 2C19, 2D6, and 3A, N-acetyltransferase-2, and xanthine oxidase activities with the â€œCooperstown 5+1 cocktailâ€• Clinical Pharmacology and Therapeutics, 2003, 74, 437-447.	2.3	129
20	Mechanisms of Idiosyncratic Hypersensitivity Reactions to Antiepileptic Drugs. Epilepsia, 1998, 39, S8-S16.	2.6	128
21	Safety of codeine during breastfeeding: fatal morphine poisoning in the breastfed neonate of a mother prescribed codeine. Canadian Family Physician, 2007, 53, 33-5.	0.1	125
22	Ontogeny of Human Hepatic and Intestinal Transporter Gene Expression during Childhood: Age Matters. Drug Metabolism and Disposition, 2014, 42, 1268-1274.	1.7	124
23	Variability of CYP3A7 Expression in Human Fetal Liver. Journal of Pharmacology and Experimental Therapeutics, 2005, 314, 626-635.	1.3	122
24	Pathways of Carbamazepine Bioactivation in Vitro I. Characterization of Human Cytochromes P450 Responsible for the Formation of 2- and 3-Hydroxylated Metabolites. Drug Metabolism and Disposition, 2002, 30, 1170-1179.	1.7	120
25	PharmGKB summary. Pharmacogenetics and Genomics, 2011, 21, 679-686.	0.7	120
26	Research Directions in the Clinical Implementation of Pharmacogenomics: An Overview of US Programs and Projects. Clinical Pharmacology and Therapeutics, 2018, 103, 778-786.	2.3	110
27	Ten Yearsâ€™ Experience with the CYP2D6 Activity Score: A Perspective on Future Investigations to Improve Clinical Predictions for Precision Therapeutics. Journal of Personalized Medicine, 2018, 8, 15.	1.1	110
28	Transcriptomic Analysis of Human Lung Development. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 54-63.	2.5	107
29	A Method for Meta-Analysis of Epidemiological Studies. Drug Intelligence & Clinical Pharmacy, 1988, 22, 813-824.	0.4	101
30	Common CYP2D6 polymorphisms affecting alternative splicing and transcription: long-range haplotypes with two regulatory variants modulate CYP2D6 activity. Human Molecular Genetics, 2014, 23, 268-278.	1.4	101
31	Constellation: a tool for rapid, automated phenotype assignment of a highly polymorphic pharmacogene, CYP2D6, from whole-genome sequences. Npj Genomic Medicine, 2016, 1, 15007.	1.7	93
32	CYP2D6*36GENE ARRANGEMENTS WITHIN THECYP2D6LOCUS: ASSOCIATION OFCYP2D6*36WITH POOR METABOLIZER STATUS. Drug Metabolism and Disposition, 2006, 34, 563-569.	1.7	89
33	Fetal lung and placental methylation is associated with in utero nicotine exposure. Epigenetics, 2014, 9, 1473-1484.	1.3	88
34	Ageâ€•and Genotypeâ€Ðependent Variability in the Protein Abundance and Activity of Six Major Uridine Diphosphateâ€Glucuronosyltransferases in Human Liver. Clinical Pharmacology and Therapeutics, 2019, 105, 131-141.	2.3	87
35	Quantitation of three-month intraindividual variability and influence of sex and menstrual cycle phase on CYP1A2, N-acetyltransferase-2, and xanthine oxidase activity determined with caffeine phenotyping*. Clinical Pharmacology and Therapeutics, 1998, 63, 540-551.	2.3	86
36	Pathways of Carbamazepine Bioactivation in Vitro. III. The Role of Human Cytochrome P450 Enzymes in the Formation of 2,3-Dihydroxycarbamazepine. Drug Metabolism and Disposition, 2008, 36, 1637-1649.	1.7	81

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37	NTPâ€CERHR expert panel report on the developmental toxicity of soy infant formula. Birth Defects Research Part B: Developmental and Reproductive Toxicology, 2011, 92, 421-468.	1.4	81
38	Effect of Diet on the Development of Drug Metabolism by Cytochrome P-450 Enzymes in Healthy Infants. Pediatric Research, 2006, 60, 717-723.	1.1	79
39	Understanding the Relative Roles of Pharmacogenetics and Ontogeny in Pediatric Drug Development and Regulatory Science. Journal of Clinical Pharmacology, 2010, 50, 1377-1387.	1.0	79
40	PharmGKB summary. Pharmacogenetics and Genomics, 2011, 21, 906-910.	0.7	77
41	Age-Dependent Absolute Abundance of Hepatic Carboxylesterases (CES1 and CES2) by LC-MS/MS Proteomics: Application to PBPK Modeling of Oseltamivir In Vivo Pharmacokinetics in Infants. Drug Metabolism and Disposition, 2017, 45, 216-223.	1.7	74
42	Ceftazidime disposition in acute and stable cystic fibrosis. Clinical Pharmacology and Therapeutics, 1984, 36, 355-362.	2.3	73
43	Effect of fluvoxamine therapy on the activities of CYP1A2, CYP2D6, and CYP3A as determined by phenotyping*. Clinical Pharmacology and Therapeutics, 1998, 64, 257-268.	2.3	70
44	CYP2D6 Poor Metabolizer Status Can Be Ruled Out by a Single Genotyping Assay for the â^'1584G Promoter Polymorphism. Clinical Chemistry, 2003, 49, 1008-1011.	1.5	70
45	PharmGKB summary. Pharmacogenetics and Genomics, 2012, 22, 466-470.	0.7	68
46	Identification and characterization of novel sequence variations in the cytochrome P4502D6 (CYP2D6) gene in African Americans. Pharmacogenomics Journal, 2005, 5, 173-182.	0.9	67
47	Quantification of intraindividual variability and the influence of menstrual cycle phase on CYP2D6 activity as measured by dextromethorphan phenotyping. Pharmacogenetics and Genomics, 1998, 8, 403-410.	5.7	66
48	Information theory-based analysis of CYP2C19, CYP2D6 and CYP3A5 splicing mutations. Pharmacogenetics and Genomics, 2003, 13, 207-218.	5.7	66
49	Interindividual variability in acetaminophen sulfation by human fetal liver: Implications for pharmacogenetic investigations of drugâ€induced birth defects. Birth Defects Research Part A: Clinical and Molecular Teratology, 2008, 82, 155-165.	1.6	66
50	CYP2D6, SULT1A1 and UGT2B17 copy number variation: quantitative detection by multiplex PCR. Pharmacogenomics, 2012, 13, 91-111.	0.6	66
51	NUCLEAR RECEPTOR EXPRESSION IN FETAL AND PEDIATRIC LIVER: CORRELATION WITH CYP3A EXPRESSION. Drug Metabolism and Disposition, 2006, 34, 131-137.	1.7	64
52	CYP2D7â€"2D6 hybrid tandems: identification of novel CYP2D6 duplication arrangements and implications for phenotype prediction. Pharmacogenomics, 2010, 11, 43-53.	0.6	63
53	PHARMACOGENETICS AND PHARMACOGENOMICS. Pediatric Clinics of North America, 2001, 48, 765-782.	0.9	62
54	Aprepitant and fosaprepitant drug interactions: a systematic review. British Journal of Clinical Pharmacology, 2017, 83, 2148-2162.	1.1	62

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55	The effect of genotype on methotrexate polyglutamate variability in juvenile idiopathic arthritis and association with drug response. Arthritis and Rheumatism, 2011, 63, 276-285.	6.7	61
56	Pathways of Carbamazepine Bioactivation In Vitro II. The Role of Human Cytochrome P450 Enzymes in the Formation of 2-Hydroxyiminostilbene. Drug Metabolism and Disposition, 2005, 33, 1819-26.	1.7	58
57	Identification of Novel CYP2D7-2D6 Hybrids: Non-Functional and Functional Variants. Frontiers in Pharmacology, 2010, 1, 121.	1.6	58
58	Analysis of intracellular methotrexate polyglutamates in patients with juvenile idiopathic arthritis: Effect of route of administration on variability in intracellular methotrexate polyglutamate concentrations. Arthritis and Rheumatism, 2010, 62, 1803-1812.	6.7	57
59	A modified generalized Fisher method for combining probabilities from dependent tests. Frontiers in Genetics, 2014, 5, 32.	1.1	57
60	Characterization of Cytochrome P450 2D6.1 (CYP2D6.1), CYP2D6.2, and CYP2D6.17 Activities toward Model CYP2D6 Substrates Dextromethorphan, Bufuralol, and Debrisoquine. Drug Metabolism and Disposition, 2002, 30, 595-601.	1.7	56
61	BIOTRANSFORMATION OF FLUTICASONE: IN VITRO CHARACTERIZATION. Drug Metabolism and Disposition, 2006, 34, 1035-1040.	1.7	55
62	Impact of the CYP2C19*17 Allele on the Pharmacokinetics of Omeprazole and Pantoprazole in Children: Evidence for a Differential Effect. Drug Metabolism and Disposition, 2010, 38, 894-897.	1.7	55
63	Expression analysis of asthma candidate genes during human and murine lung development. Respiratory Research, 2011, 12, 86.	1.4	55
64	CYP3A4-Mediated Carbamazepine (CBZ) Metabolism: Formation of a Covalent CBZ-CYP3A4 Adduct and Alteration of the Enzyme Kinetic Profile. Drug Metabolism and Disposition, 2008, 36, 490-499.	1.7	54
65	Single dose, CYP2D6 genotypeâ€stratified pharmacokinetic study of atomoxetine in children with ADHD. Clinical Pharmacology and Therapeutics, 2016, 99, 642-650.	2.3	54
66	Metabolic and molecular insights into an essential role of nicotinamide phosphoribosyltransferase. Cell Death and Disease, 2017, 8, e2705-e2705.	2.7	54
67	Age Related Changes in Fractional Elimination Pathways for Drugs: Assessing the Impact of Variable Ontogeny on Metabolic Drug-Drug Interactions. Journal of Clinical Pharmacology, 2013, 53, 857-865.	1.0	53
68	Glucagon Therapy for Î²-Blocker Overdose. Drug Intelligence & Clinical Pharmacy, 1984, 18, 394-398.	0.4	50
69	Developmental and pediatric pharmacogenomics. Pharmacogenomics, 2003, 4, 331-341.	0.6	50
70	Fluticasone Propionate Pharmacogenetics: CYP3A4*22 Polymorphism and Pediatric Asthma Control. Journal of Pediatrics, 2013, 162, 1222-1227.e2.	0.9	50
71	Reference intervals for urinary renal injury biomarkers KIM-1 and NGAL in healthy children. Biomarkers in Medicine, 2014, 8, 1189-1197.	0.6	50
72	Development of biomarkers to optimize pediatric patient management: what makes children different?. Biomarkers in Medicine, 2011, 5, 781-794.	0.6	49

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73	Effect of a Triphasic Oral Contraceptive on Drug-Metabolizing Enzyme Activity as Measured by the Validated Cooperstown 5+1 Cocktail. Journal of Clinical Pharmacology, 2005, 45, 1413-1421.	1.0	48
74	Genetic determinants of variable metabolism have little impact on the clinical use of leading antipsychotics in the CATIE study. Genetics in Medicine, 2008, 10, 720-729.	1.1	48
75	Variability of CYP2J2 Expression in Human Fetal Tissues. Journal of Pharmacology and Experimental Therapeutics, 2006, 319, 523-532.	1.3	47
76	Bioactivation of Clozapine by Murine Cardiac Tissue in Vivo and in Vitro. Chemical Research in Toxicology, 2003, 16, 1359-1364.	1.7	46
77	Effects of Valproic Acid on Organic Acid Metabolism in Children: A Metabolic Profiling Study. Clinical Pharmacology and Therapeutics, 2011, 89, 867-874.	2.3	45
78	Multiple Dose Pharmacokinetics of Paroxetine in Children and Adolescents with Major Depressive Disorder or Obsessiveâ€“Compulsive Disorder. Neuropsychopharmacology, 2006, 31, 1274-1285.	2.8	43
79	Genetic and Nongenetic Factors Associated with Protein Abundance of Flavin-Containing Monooxygenase 3 in Human Liver. Journal of Pharmacology and Experimental Therapeutics, 2017, 363, 265-274.	1.3	43
80	Hepatic Abundance and Activity of Androgen- and Drug-Metabolizing Enzyme UGT2B17 Are Associated with Genotype, Age, and Sex. Drug Metabolism and Disposition, 2018, 46, 888-896.	1.7	42
81	Ontogeny of Hepatic Sulfotransferases and Prediction of Age-Dependent Fractional Contribution of Sulfation in Acetaminophen Metabolism. Drug Metabolism and Disposition, 2019, 47, 818-831.	1.7	42
82	Optimization of cytochrome P4502D6 (CYP2D6) phenotype assignment using a genotyping algorithm based on allele frequency data. Pharmacogenetics and Genomics, 1999, 9, 669???682.	5.7	41
83	Developmental Pharmacogenetics: A General Paradigm for Application to Neonatal Pharmacology and Toxicology. Clinical Pharmacology and Therapeutics, 2009, 86, 678-682.	2.3	40
84	Translating pharmacogenetics and pharmacogenomics into drug development for clinical pediatrics and beyond. Drug Discovery Today, 2004, 9, 567-573.	3.2	39
85	Detection of an endogenous urinary biomarker associated with CYP2D6 activity using global metabolomics. Pharmacogenomics, 2014, 15, 1947-1962.	0.6	39
86	Development and Refinement of Pregnane X Receptor (PXR) DNA Binding Site Model Using Information Theory. Journal of Biological Chemistry, 2004, 279, 46779-46786.	1.6	38
87	Betaine-homocysteine methyltransferase: Human liver genotypeâ€“phenotype correlation. Molecular Genetics and Metabolism, 2011, 102, 126-133.	0.5	38
88	CYP2D6 Haplotype Determination Using Long Range Allele-Specific Amplification. Journal of Molecular Diagnostics, 2015, 17, 740-748.	1.2	38
89	Developmental Expression of CYP2B6: A Comprehensive Analysis of mRNA Expression, Protein Content and Bupropion Hydroxylase Activity and the Impact of Genetic Variation. Drug Metabolism and Disposition, 2016, 44, 948-958.	1.7	37
90	Genomic answers for children: Dynamic analyses of >1000 pediatric rare disease genomes. Genetics in Medicine, 2022, 24, 1336-1348.	1.1	37

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91	A novel highâ€performance liquid chromatography/mass spectrometry method for improved selective and sensitive measurement of methotrexate polyglutamation status in human red blood cells. Rapid Communications in Mass Spectrometry, 2009, 23, 3693-3702.	0.7	36
92	VKORC1 and CYP2C9 genotypes are predictors of warfarinâ€related outcomes in children. Pediatric Blood and Cancer, 2014, 61, 1055-1062.	0.8	36
93	Proteomics of human liver membrane transporters: a focus on fetuses and newborn infants. European Journal of Pharmaceutical Sciences, 2018, 124, 217-227.	1.9	36
94	Divergence Among an International Population of Trichophyton tonsurans Isolates. Mycopathologia, 2010, 169, 1-13.	1.3	34
95	Impact of SLCO1B1 Genotype on Pediatric Simvastatin Acid Pharmacokinetics. Journal of Clinical Pharmacology, 2018, 58, 823-833.	1.0	33
96	Optimized Renal Transporter Quantification by Using Aquaporin 1 and Aquaporin 2 as Anatomical Markers: Application in Characterizing the Ontogeny of Renal Transporters and Its Correlation with Hepatic Transporters in Paired Human Samples. AAPS Journal, 2019, 21, 88.	2.2	33
97	Identifying genomic and developmental causes of adverse drug reactions in children. Pharmacogenomics, 2010, 11, 1591-1602.	0.6	32
98	CYP2D7 splice variants in human liver and brain: Does CYP2D7 encode functional protein?. Biochemical and Biophysical Research Communications, 2005, 336, 1241-1250.	1.0	31
99	Evaluation of a [¹³C]â€Ðextromethorphan Breath Test to Assess CYP2D6 Phenotype. Journal of Clinical Pharmacology, 2008, 48, 1041-1051.	1.0	31
100	Interpreting Pharmacogenetic Data in the Developing Neonate: The Challenge of Hitting a Moving Target. Clinical Pharmacology and Therapeutics, 2012, 92, 434-6.	2.3	31
101	Acetaminophen Intoxication During Treatment: What You Don't Know Can Hurt You. Clinical Pediatrics, 2000, 39, 133-144.	0.4	29
102	Epigenetic Regulation of ADME-Related Genes: Focus on Drug Metabolism and Transport. Drug Metabolism and Disposition, 2013, 41, 1721-1724.	1.7	29
103	Population Pharmacokinetics of Oral Baclofen in Pediatric Patients withÂCerebral Palsy. Journal of Pediatrics, 2014, 164, 1181-1188.e8.	0.9	29
104	Cotinine in Human Placenta Predicts Induction of Gene Expression in Fetal Tissues. Drug Metabolism and Disposition, 2013, 41, 305-311.	1.7	28
105	Age, Sexual Dimorphism, and Disease Associations in the Developing Human Fetal Lung Transcriptome. American Journal of Respiratory Cell and Molecular Biology, 2016, 54, 814-821.	1.4	28
106	Limited Association of the 2988g>a Single Nucleotide Polymorphism with CYP2D6*41 in Black Subjects. Clinical Pharmacology and Therapeutics, 2005, 77, 228-230.	2.3	26
107	Discovery of a novel nonfunctional cytochrome P450 2D6 allele, CYP2D6*42, in African American subjects. Clinical Pharmacology and Therapeutics, 2003, 73, 575-576.	2.3	25
108	Design and Testing of an EHR-Integrated, Busulfan Pharmacokinetic Decision Support Tool for the Point-of-Care Clinician. Frontiers in Pharmacology, 2016, 7, 65.	1.6	25

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109	Age-dependent Protein Abundance of Cytosolic Alcohol and Aldehyde Dehydrogenases in Human Liver. Drug Metabolism and Disposition, 2017, 45, 1044-1048.	1.7	25
110	Cellular toxicity of sulfamethoxazole reactive metabolitesâ€"I. Biochemical Pharmacology, 1991, 41, 567-574.	2.0	24
111	Developmental variations in metabolic capacity of flavinâ€containing monoâ€oxygenase 3 in childhood. British Journal of Clinical Pharmacology, 2011, 71, 585-591.	1.1	24
112	SNP genotyping using TaqManÂ® technology: the CYP2D6*17 assay conundrum. Scientific Reports, 2015, 5, 9257.	1.6	24
113	Pharmacogenomic Variability of Oral Baclofen Clearance and Clinical Response in Children With Cerebral Palsy. PM and R, 2018, 10, 235-243.	0.9	24
114	Selective Toll-Like Receptor Expression in Human Fetal Lung. Pediatric Research, 2010, 68, 335-338.	1.1	23
115	Risk score modeling of multiple gene to gene interactions using aggregated-multifactor dimensionality reduction. BioData Mining, 2013, 6, 1.	2.2	23
116	In Vitro Hepatic Oxidative Biotransformation of Trimethoprim. Drug Metabolism and Disposition, 2015, 43, 1372-1380.	1.7	23
117	Characterization of Atomoxetine Biotransformation and Implications for Development of PBPK Models for Dose Individualization in Children. Drug Metabolism and Disposition, 2016, 44, 1070-1079.	1.7	23
118	Glucocorticoid Genes and the Developmental Origins of Asthma Susceptibility and Treatment Response. American Journal of Respiratory Cell and Molecular Biology, 2015, 52, 543-553.	1.4	22
119	A Call for Clear and Consistent Communications Regarding the Role of Pharmacogenetics in Antidepressant Pharmacotherapy. Clinical Pharmacology and Therapeutics, 2020, 107, 50-52.	2.3	22
120	Ontogeny of drug-metabolizing enzymes and its influence on the pathogenesis of adverse drug reactions in children. Current Therapeutic Research, 2001, 62, 900-912.	0.5	21
121	Genetic Transmission of Cytochrome P450 2D6 (CYP2D6) Ultrarapid Metabolism: Implications for Breastfeeding Women taking Codeine. Current Drug Safety, 2011, 6, 36-39.	0.3	21
122	Early pregnancy intrauterine fetal exposure to maternal smoking and impact on fetal telomere length. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2017, 218, 27-32.	0.5	21
123	Clinical Implications of Altered Drug Transporter Abundance/Function and <scp>PBPK</scp> Modeling in Specific Populations: An <scp>ITC</scp> Perspective. Clinical Pharmacology and Therapeutics, 2022, 112, 501-526.	2.3	21
124	Tissue-Specific Expression and Alternative Splicing of Human Microsomal Epoxide Hydrolase. DNA and Cell Biology, 1997, 16, 1257-1266.	0.9	20
125	Variability in Expression of CYP3A5 in Human Fetal Liver. Drug Metabolism and Disposition, 2015, 43, 1286-1293.	1.7	20
126	Decreased Pregnane X Receptor Expression in Children with Active Crohns Disease. Drug Metabolism and Disposition, 2016, 44, 1066-1069.	1.7	19

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127	Impact of Genetic Variation on Pravastatin Systemic Exposure in Pediatric Hypercholesterolemia. Clinical Pharmacology and Therapeutics, 2019, 105, 1501-1512.	2.3	19
128	Cellular toxicity of sulfamethoxazole reactive metabolitesâ€"II. Biochemical Pharmacology, 1991, 41, 575-583.	2.0	18
129	Non-monooxygenase cytochromes P450 as potential human autoantigens in anticonvulsant hypersensitivity reactions. Pharmacogenetics and Genomics, 1998, 8, 211-226.	5.7	18
130	Genome-wide prediction, display and refinement of binding sites with information theory-based models. BMC Bioinformatics, 2003, 4, 38.	1.2	18
131	Low-Dose Methotrexate Results in the Selective Accumulation of Aminoimidazole Carboxamide Ribotide in an Erythroblastoid Cell Line. Journal of Pharmacology and Experimental Therapeutics, 2013, 347, 154-163.	1.3	18
132	A Comparative Study on Computational Two-Block Motif Detection: Algorithms and Applications. Molecular Pharmaceutics, 2008, 5, 3-16.	2.3	17
133	Trends in Adverse Reactions to Trimethoprim-Sulfamethoxazole. Pediatrics, 2013, 131, e103-e108.	1.0	17
134	Over-the-Counter Medications: Update on Cough and Cold Preparations. Pediatrics in Review, 2015, 36, 286-298.	0.2	17
135	Challenges and Opportunities for Increasing the Knowledge Base Related to Drug Biotransformation and Pharmacokinetics during Growth and Development. Drug Metabolism and Disposition, 2016, 44, 916-923.	1.7	17
136	Considerations for Implementing Precision Therapeutics for Children. Clinical and Translational Science, 2019, 12, 140-150.	1.5	17
137	Measurement of methotrexate polyglutamates in human erythrocytes by ion-pair UPLCâ€"MS/MS. Bioanalysis, 2011, 3, 2783-2796.	0.6	16
138	Comprehensive quantitative measurement of folate polyglutamates in human erythrocytes by ion pairing ultraâ€performance liquid chromatography/tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2012, 26, 1617-1630.	0.7	16
139	CYP3A isoforms in Ewing's sarcoma tumours: an immunohistochemical study with clinical correlation. International Journal of Experimental Pathology, 2015, 96, 81-86.	0.6	15
140	Research Directions in Genetic Predispositions to Stevensâ€"Johnson Syndrome / Toxic Epidermal Necrolysis. Clinical Pharmacology and Therapeutics, 2018, 103, 390-394.	2.3	15
141	Cost and Potential Avoidability of Antibiotic-Associated Adverse Drug Reactions in Children. Journal of the Pediatric Infectious Diseases Society, 2019, 8, 66-68.	0.6	15
142	Pediatric Pharmacovigilance: Enhancing Adverse Drug Reaction Reporting in a Tertiary Care Childrenâ€™s Hospital. Therapeutic Innovation and Regulatory Science, 2013, 47, 566-571.	0.8	14
143	Individualizing the Use of Medications in Children: Making Goldilocks Happy. Clinical Pharmacology and Therapeutics, 2014, 96, 304-306.	2.3	14
144	Folate Depletion and Increased Glutamation in Juvenile Idiopathic Arthritis Patients Treated With Methotrexate. Arthritis and Rheumatology, 2014, 66, 3476-3485.	2.9	14

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145	Effect of CYP3A5 genotype, steroids, and azoles on tacrolimus in a pediatric renal transplant population. Pediatric Nephrology, 2014, 29, 2039-2049.	0.9	14
146	CYP2D7 Sequence Variation Interferes with TaqMan CYP2D6*15 and *35 Genotyping. Frontiers in Pharmacology, 2015, 6, 312.	1.6	13
147	Recent advances in the ontogeny of drug disposition. British Journal of Clinical Pharmacology, 2022, 88, 4267-4284.	1.1	13
148	Ontogeny of Drug-Metabolizing Enzymes. Methods in Molecular Biology, 2021, 2342, 551-593.	0.4	13
149	Effect of CYP3A5*3 on asthma control among children treated with inhaled beclomethasone. Journal of Allergy and Clinical Immunology, 2015, 136, 505-507.	1.5	12
150	Dynamics of Cytosine Methylation in the Proximal Promoters of CYP3A4 and CYP3A7 in Pediatric and Prenatal Livers. Drug Metabolism and Disposition, 2016, 44, 1020-1026.	1.7	12
151	PharmGKB summary. Pharmacogenetics and Genomics, 2018, 28, 110-115.	0.7	12
152	Ontogeny-related pharmacogene changes in the pediatric liver transcriptome. Pharmacogenetics and Genomics, 2018, 28, 86-94.	0.7	12
153	Impact of SLCO1B1 Genetic Variation on Rosuvastatin Systemic Exposure in Pediatric Hypercholesterolemia. Clinical and Translational Science, 2020, 13, 628-637.	1.5	12
154	Exogenous but not endogenous EBV induces lymphomas in beige/nude/xid mice carrying human lymphoid xenografts. International Immunology, 1991, 3, 731-735.	1.8	11
155	Pediatric Pharmacogenomics. Pediatric Clinics of North America, 2012, 59, 1017-1037.	0.9	11
156	Novel Protective Role of Nicotinamide Phosphoribosyltransferase in Acetaminophen-Induced Acute Liver Injury in Mice. American Journal of Pathology, 2018, 188, 1640-1652.	1.9	11
157	Developmental Pharmacogenetics in Pediatric Rheumatology: Utilizing a New Paradigm to Effectively Treat Patients with Juvenile Idiopathic Arthritis with Methotrexate. Human Genomics and Proteomics, 2010, 2, 257120.	1.5	10
158	The Role of CYP3A4 mRNA Transcript with Shortened 3â€²-Untranslated Region in Hepatocyte Differentiation, Liver Development, and Response to Drug Induction. Molecular Pharmacology, 2012, 81, 86-96.	1.0	10
159	High-resolution melt analysis to detect sequence variations in highly homologous gene regions: application to CYP2B6. Pharmacogenomics, 2013, 14, 913-922.	0.6	10
160	Urinary Biomarkers of Trimethoprim Bioactivation in Vivo Following Therapeutic Dosing in Children. Chemical Research in Toxicology, 2014, 27, 211-218.	1.7	10
161	Long-Distance Phasing of a Tentative â€œEnhancerâ€•Single-Nucleotide Polymorphism With CYP2D6 Star Allele Definitions. Frontiers in Pharmacology, 2020, 11, 486.	1.6	10
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