William E Evans

List of Publications by Year
in descending order

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471	55,163	905 116	1345 223
papers	citations	h-index	g-index

487	487	487	31759
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pharmacogenomics: Translating Functional Genomics into Rational Therapeutics. Science, 1999, 286, 487-491.	6.0	2,291
2	Classification, subtype discovery, and prediction of outcome in pediatric acute lymphoblastic leukemia by gene expression profiling. Cancer Cell, 2002, 1, 133-143.	7.7	1,756
3	Treatment of Acute Lymphoblastic Leukemia. New England Journal of Medicine, 2006, 354, 166-178.	13.9	1,740
4	Pharmacogenomics â€" Drug Disposition, Drug Targets, and Side Effects. New England Journal of Medicine, 2003, 348, 538-549.	13.9	1,609
5	Genome-wide analysis of genetic alterations in acute lymphoblastic leukaemia. Nature, 2007, 446, 758-764.	13.7	1,602
6	The genetic basis of early T-cell precursor acute lymphoblastic leukaemia. Nature, 2012, 481, 157-163.	13.7	1,430
7	Targetable Kinase-Activating Lesions in Ph-like Acute Lymphoblastic Leukemia. New England Journal of Medicine, 2014, 371, 1005-1015.	13.9	1,161
8	Treating Childhood Acute Lymphoblastic Leukemia without Cranial Irradiation. New England Journal of Medicine, 2009, 360, 2730-2741.	13.9	1,059
9	A subtype of childhood acute lymphoblastic leukaemia with poor treatment outcome: a genome-wide classification study. Lancet Oncology, The, 2009, 10, 125-134.	5.1	826
10	Acute Lymphoblastic Leukemia. New England Journal of Medicine, 1998, 339, 605-615.	13.9	809
11	Childhood Acute Lymphoblastic Leukemia: Progress Through Collaboration. Journal of Clinical Oncology, 2015, 33, 2938-2948.	0.8	747
12	Moving towards individualized medicine with pharmacogenomics. Nature, 2004, 429, 464-468.	13.7	702
13	Acute Myeloid Leukemia in Children Treated with Epipodophyllotoxins for Acute Lymphoblastic Leukemia. New England Journal of Medicine, 1991, 325, 1682-1687.	13.9	697
14	Mercaptopurine Therapy Intolerance and Heterozygosity at the Thiopurine S-Methyltransferase Gene Locus. Journal of the National Cancer Institute, 1999, 91, 2001-2008.	3.0	680
15	Molecular Diagnosis of Thiopurine S-Methyltransferase Deficiency: Genetic Basis for Azathioprine and Mercaptopurine Intolerance. Annals of Internal Medicine, 1997, 126, 608.	2.0	679
16	Pharmacogenomics in the clinic. Nature, 2015, 526, 343-350.	13.7	642
17	Genetic Alterations Activating Kinase and Cytokine Receptor Signaling in High-Risk Acute Lymphoblastic Leukemia. Cancer Cell, 2012, 22, 153-166.	7.7	621
18	Pharmacogenomics and Individualized Drug Therapy. Annual Review of Medicine, 2006, 57, 119-137.	5.0	576

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19	Gene-Expression Patterns in Drug-Resistant Acute Lymphoblastic Leukemia Cells and Response to Treatment. New England Journal of Medicine, 2004, 351, 533-542.	13.9	565
20	Clinical Pharmacogenetics Implementation Consortium Guidelines for Thiopurine Methyltransferase Genotype and Thiopurine Dosing. Clinical Pharmacology and Therapeutics, 2011, 89, 387-391.	2.3	504
21	Germline genomic variants associated with childhood acute lymphoblastic leukemia. Nature Genetics, 2009, 41, 1001-1005.	9.4	459
22	Preemptive Clinical Pharmacogenetics Implementation: Current Programs in Five US Medical Centers. Annual Review of Pharmacology and Toxicology, 2015, 55, 89-106.	4.2	442
23	Pediatric acute lymphoblastic leukemia: where are we going and how do we get there?. Blood, 2012, 120, 1165-1174.	0.6	439
24	Conventional Compared with Individualized Chemotherapy for Childhood Acute Lymphoblastic Leukemia. New England Journal of Medicine, 1998, 338, 499-505.	13.9	438
25	Clinical Pharmacogenetics Implementation Consortium Guideline for Thiopurine Dosing Based on <scp>TPMT</scp> and <scp>NUDT</scp>15 Genotypes: 2018 Update. Clinical Pharmacology and Therapeutics, 2019, 105, 1095-1105.	2.3	428
26	Genetic polymorphism of thiopurine methyltransferase and its clinical relevance for childhood acute lymphoblastic leukemia. Leukemia, 2000, 14, 567-572.	3.3	422
27	Extended Follow-up of Long-Term Survivors of Childhood Acute Lymphoblastic Leukemia. New England Journal of Medicine, 2003, 349, 640-649.	13.9	415
28	Improved outcome for children with acute lymphoblastic leukemia: results of Total Therapy Study XIIIB at St Jude Children's Research Hospital. Blood, 2004, 104, 2690-2696.	0.6	412
29	Altered mercaptopurine metabolism, toxic effects, and dosage requirement in a thiopurine methyltransferase-deficient child with acute lymphocytic leukemia. Journal of Pediatrics, 1991, 119, 985-989.	0.9	402
30	Preponderance of Thiopurine S-Methyltransferase Deficiency and Heterozygosity Among Patients Intolerant to Mercaptopurine or Azathioprine. Journal of Clinical Oncology, 2001, 19, 2293-2301.	0.8	400
31	High incidence of secondary brain tumours after radiotherapy and antimetabolites. Lancet, The, 1999, 354, 34-39.	6.3	390
32	NUDT15 polymorphisms alter thiopurine metabolism and hematopoietic toxicity. Nature Genetics, 2016, 48, 367-373.	9.4	389
33	PAX5-driven subtypes of B-progenitor acute lymphoblastic leukemia. Nature Genetics, 2019, 51, 296-307.	9.4	384
34	Clinical Pharmacodynamics of High-Dose Methotrexate in Acute Lymphocytic Leukemia. New England Journal of Medicine, 1986, 314, 471-477.	13.9	369
35	Inherited NUDT15 Variant Is a Genetic Determinant of Mercaptopurine Intolerance in Children With Acute Lymphoblastic Leukemia. Journal of Clinical Oncology, 2015, 33, 1235-1242.	0.8	369
36	PHARMACOGENOMICS: The Inherited Basis for Interindividual Differences in Drug Response. Annual Review of Genomics and Human Genetics, 2001, 2, 9-39.	2.5	365

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37	Improved outcome in childhood acute lymphoblastic leukaemia with reinforced early treatment and rotational combination chemotherapy. Lancet, The, 1991, 337, 61-66.	6.3	351
38	Prognostic Importance of 6-Mercaptopurine Dose Intensity in Acute Lymphoblastic Leukemia. Blood, 1999, 93, 2817-2823.	0.6	348
39	Multiplex assessment of protein variant abundance by massively parallel sequencing. Nature Genetics, 2018, 50, 874-882.	9.4	323
40	A single point mutation leading to loss of catalytic activity in human thiopurine S-methyltransferase.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 949-953.	3.3	316
41	The Pediatric Cancer Genome Project. Nature Genetics, 2012, 44, 619-622.	9.4	315
42	Germline Genetic Variation in an Organic Anion Transporter Polypeptide Associated With Methotrexate Pharmacokinetics and Clinical Effects. Journal of Clinical Oncology, 2009, 27, 5972-5978.	0.8	305
43	Clinical Pharmacogenetics Implementation Consortium Guidelines for Thiopurine Methyltransferase Genotype and Thiopurine Dosing: 2013 Update. Clinical Pharmacology and Therapeutics, 2013, 93, 324-325.	2.3	304
44	PHARMACOGENOMICS: Unlocking the Human Genome for Better Drug Therapy. Annual Review of Pharmacology and Toxicology, 2001, 41, 101-121.	4.2	302
45	Racial and gender differences in N-acetyltransferase, xanthine oxidase, and CYP1A2* activities. Clinical Pharmacology and Therapeutics, 1992, 52, 643-658.	2.3	295
46	Higher Frequency of Glutathione S-Transferase Deletions in Black Children With Acute Lymphoblastic Leukemia. Blood, 1997, 89, 1701-1707.	0.6	283
47	Biotherapy of B-cell precursor leukemia by targeting genistein to CD19-associated tyrosine kinases. Science, 1995, 267, 886-891.	6.0	276
48	Methotrexate-Induced Neurotoxicity and Leukoencephalopathy in Childhood Acute Lymphoblastic Leukemia. Journal of Clinical Oncology, 2014, 32, 949-959.	0.8	275
49	A 50-Year Journey to Cure Childhood Acute Lymphoblastic Leukemia. Seminars in Hematology, 2013, 50, 185-196.	1.8	264
50	Relapse-specific mutations in NT5C2 in childhood acute lymphoblastic leukemia. Nature Genetics, 2013, 45, 290-294.	9.4	264
51	Inherited GATA3 variants are associated with Ph-like childhood acute lymphoblastic leukemia and risk of relapse. Nature Genetics, 2013, 45, 1494-1498.	9.4	264
52	Enhanced proteolysis of thiopurine S-methyltransferase (TPMT) encoded by mutant alleles in humans (TPMT*3A, TPMT*2): Mechanisms for the genetic polymorphism of TPMT activity. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 6444-6449.	3.3	262
53	Cumulative Incidence of Secondary Neoplasms as a First Event After Childhood Acute Lymphoblastic Leukemia. JAMA - Journal of the American Medical Association, 2007, 297, 1207.	3.8	261
54	Genetic polymorphism of thiopurine S-methyltransferase: clinical importance and molecular mechanisms. Pharmacogenetics and Genomics, 1996, 6, 279-290.	5.7	253

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55	Long-term results of St Jude Total Therapy Studies 11, 12, 13A, 13B, and 14 for childhood acute lymphoblastic leukemia. Leukemia, 2010, 24, 371-382.	3.3	248
56	Independent prognostic value of BCR-ABL1-like signature and IKZF1 deletion, but not high CRLF2 expression, in children with B-cell precursor ALL. Blood, 2013, 122, 2622-2629.	0.6	248
57	Thiopurine methyltransferase activity in American white subjects and black subjects. Clinical Pharmacology and Therapeutics, 1994, 55, 15-20.	2.3	242
58	Polymorphism of the thiopurine S-methyltransferase gene in African- Americans. Human Molecular Genetics, 1999, 8, 371-376.	1.4	239
59	Treatment-specific changes in gene expression discriminate in vivo drug response in human leukemia cells. Nature Genetics, 2003, 34, 85-90.	9.4	239
60	Ancestry and pharmacogenomics of relapse in acute lymphoblastic leukemia. Nature Genetics, 2011, 43, 237-241.	9.4	239
61	Childhood acute lymphoblastic leukaemia â€“ current status and future perspectives. Lancet Oncology, The, 2001, 2, 597-607.	5.1	237
62	Association of an Inherited Genetic Variant With Vincristine-Related Peripheral Neuropathy in Children With Acute Lymphoblastic Leukemia. JAMA - Journal of the American Medical Association, 2015, 313, 815.	3.8	234
63	Rare versus common variants in pharmacogenetics: SLCO1B1 variation and methotrexate disposition. Genome Research, 2012, 22, 1-8.	2.4	232
64	Deregulation of DUX4 and ERG in acute lymphoblastic leukemia. Nature Genetics, 2016, 48, 1481-1489.	9.4	231
65	Outcomes of Children With BCR-ABL1â€“Like Acute Lymphoblastic Leukemia Treated With Risk-Directed Therapy Based on the Levels of Minimal Residual Disease. Journal of Clinical Oncology, 2014, 32, 3012-3020.	0.8	223
66	PG4KDS: A model for the clinical implementation of preâ€emptive pharmacogenetics. American Journal of Medical Genetics, Part C: Seminars in Medical Genetics, 2014, 166, 45-55.	0.7	221
67	Pharmacokinetic, pharmacodynamic, and pharmacogenetic determinants of osteonecrosis in children with acute lymphoblastic leukemia. Blood, 2011, 117, 2340-2347.	0.6	219
68	Clinical heterogeneity in childhood acute lymphoblastic leukemia with 11q23 rearrangements. Leukemia, 2003, 17, 700-706.	3.3	216
69	Late Effects of Treatment in Survivors of Childhood Acute Myeloid Leukemia. Journal of Clinical Oncology, 2000, 18, 3273-3279.	0.8	213
70	Novel Susceptibility Variants at 10p12.31-12.2 for Childhood Acute Lymphoblastic Leukemia in Ethnically Diverse Populations. Journal of the National Cancer Institute, 2013, 105, 733-742.	3.0	208
71	Pharmacogenetics of outcome in children with acute lymphoblastic leukemia. Blood, 2005, 105, 4752-4758.	0.6	205
72	Acute lymphoblastic leukaemia: a model for the pharmacogenomics of cancer therapy. Nature Reviews Cancer, 2006, 6, 117-129.	12.8	205

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73	TEL gene rearrangement in acute lymphoblastic leukemia: a new genetic marker with prognostic significance.. Journal of Clinical Oncology, 1997, 15, 1150-1157.	0.8	198
74	Genetic Polymorphism of Inosine Triphosphate Pyrophosphatase Is a Determinant of Mercaptopurine Metabolism and Toxicity During Treatment for Acute Lymphoblastic Leukemia. Clinical Pharmacology and Therapeutics, 2009, 85, 164-172.	2.3	196
75	Genome-wide Interrogation of Germline Genetic Variation Associated With Treatment Response in Childhood Acute Lymphoblastic Leukemia. JAMA - Journal of the American Medical Association, 2009, 301, 393.	3.8	193
76	Patient characteristics associated with high-risk methotrexate concentrations and toxicity.. Journal of Clinical Oncology, 1994, 12, 1667-1672.	0.8	191
77	Ancestry and pharmacogenetics of antileukemic drug toxicity. Blood, 2007, 109, 4151-4157.	0.6	190
78	Inhibition of glycolysis modulates prednisolone resistance in acute lymphoblastic leukemia cells. Blood, 2009, 113, 2014-2021.	0.6	189
79	Long-term results of Total Therapy studies 11, 12 and 13A for childhood acute lymphoblastic leukemia at St Jude Children's Research Hospital. Leukemia, 2000, 14, 2286-2294.	3.3	187
80	Development and use of active clinical decision support for preemptive pharmacogenomics. Journal of the American Medical Informatics Association: JAMIA, 2014, 21, e93-e99.	2.2	186
81	Early Intensification of Intrathecal Chemotherapy Virtually Eliminates Central Nervous System Relapse in Children With Acute Lymphoblastic Leukemia. Blood, 1998, 92, 411-415.	0.6	183
82	Pharmacogenetics of Thiopurine S-Methyltransferase and Thiopurine Therapy. Therapeutic Drug Monitoring, 2004, 26, 186-191.	1.0	183
83	Pharmacogenomics and Individualized Medicine: Translating Science Into Practice. Clinical Pharmacology and Therapeutics, 2012, 92, 467-75.	2.3	183
84	Adverse effect of anticonvulsants on efficacy of chemotherapy for acute lymphoblastic leukaemia. Lancet, The, 2000, 356, 285-290.	6.3	181
85	Blast cell methotrexate-polyglutamate accumulation in vivo differs by lineage, ploidy, and methotrexate dose in acute lymphoblastic leukemia.. Journal of Clinical Investigation, 1994, 94, 1996-2001.	3.9	180
86	Traumatic lumbar puncture at diagnosis adversely affects outcome in childhood acute lymphoblastic leukemia. Blood, 2000, 96, 3381-3384.	0.6	180
87	Etoposide and antimetabolite pharmacology in patients who develop secondary acute myeloid leukemia. Leukemia, 1998, 12, 346-352.	3.3	179
88	Genome-wide copy number profiling reveals molecular evolution from diagnosis to relapse in childhood acute lymphoblastic leukemia. Blood, 2008, 112, 4178-4183.	0.6	179
89	Clinical utility of sequential minimal residual disease measurements in the context of risk-based therapy in childhood acute lymphoblastic leukaemia: a prospective study. Lancet Oncology, The, 2015, 16, 465-474.	5.1	177
90	Accumulation of methotrexate polyglutamates in lymphoblasts is a determinant of antileukemic effects in vivo. A rationale for high-dose methotrexate.. Journal of Clinical Investigation, 1996, 97, 73-80.	3.9	177

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91	Genome-wide study of methotrexate clearance replicates SLCO1B1. Blood, 2013, 121, 898-904.	0.6	174
92	Improved CNS Control of Childhood Acute Lymphoblastic Leukemia Without Cranial Irradiation: St Jude Total Therapy Study 16. Journal of Clinical Oncology, 2019, 37, 3377-3391.	0.8	169
93	ARID5B Genetic Polymorphisms Contribute to Racial Disparities in the Incidence and Treatment Outcome of Childhood Acute Lymphoblastic Leukemia. Journal of Clinical Oncology, 2012, 30, 751-757.	0.8	165
94	The Pharmacogenomics Research Network Translational Pharmacogenetics Program: Overcoming Challenges of Real-World Implementation. Clinical Pharmacology and Therapeutics, 2013, 94, 207-210.	2.3	164
95	6MP adherence in a multiracial cohort of children with acute lymphoblastic leukemia: a Children's Oncology Group study. Blood, 2014, 124, 2345-2353.	0.6	164
96	Germline genetic variation in ETV6 and risk of childhood acute lymphoblastic leukaemia: a systematic genetic study. Lancet Oncology, The, 2015, 16, 1659-1666.	5.1	161
97	Human Granulocyte Colony-Stimulating Factor after Induction Chemotherapy in Children with Acute Lymphoblastic Leukemia. New England Journal of Medicine, 1997, 336, 1781-1787.	13.9	158
98	Hypersensitivity or Development of Antibodies to Asparaginase Does Not Impact Treatment Outcome of Childhood Acute Lymphoblastic Leukemia. Journal of Clinical Oncology, 2000, 18, 1525-1532.	0.8	155
99	Results of Therapy for Acute Lymphoblastic Leukemia in Black and White Children. JAMA - Journal of the American Medical Association, 2003, 290, 2001.	3.8	155
100	Urate oxidase in prevention and treatment of hyperuricemia associated with lymphoid malignancies. Leukemia, 1997, 11, 1813-1816.	3.3	154
101	Genetic Polymorphism of Thiopurine S-Methyltransferase: Molecular Mechanisms and Clinical Importance. Pharmacology, 2000, 61, 136-146.	0.9	152
102	Identification of genes associated with chemotherapy crossresistance and treatment response in childhood acute lymphoblastic leukemia. Cancer Cell, 2005, 7, 375-386.	7.7	150
103	The Genomic Landscape of Childhood and Adolescent Melanoma. Journal of Investigative Dermatology, 2015, 135, 816-823.	0.3	148
104	Granulocyte colony-stimulating factor and the risk of secondary myeloid malignancy after etoposide treatment. Blood, 2003, 101, 3862-3867.	0.6	145
105	Germline Genetic IKZF1 Variation and Predisposition to Childhood Acute Lymphoblastic Leukemia. Cancer Cell, 2018, 33, 937-948.e8.	7.7	142
106	Ligation of CD38 suppresses human B lymphopoiesis.. Journal of Experimental Medicine, 1995, 181, 1101-1110.	4.2	140
107	Clinical impact of minimal residual disease in children with different subtypes of acute lymphoblastic leukemia treated with Response-Adapted therapy. Leukemia, 2017, 31, 333-339.	3.3	140
108	Pharmacogenetics of Cancer Therapy: Getting Personal. American Journal of Human Genetics, 1998, 63, 11-16.	2.6	134

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109	Somatic deletions of genes regulating MSH2 protein stability cause DNA mismatch repair deficiency and drug resistance in human leukemia cells. Nature Medicine, 2011, 17, 1298-1303.	15.2	133
110	Folate pathway gene expression differs in subtypes of acute lymphoblastic leukemia and influences methotrexate pharmacodynamics. Journal of Clinical Investigation, 2005, 115, 110-117.	3.9	129
111	Sex Differences in Prognosis for Children With Acute Lymphoblastic Leukemia. Journal of Clinical Oncology, 1999, 17, 818-818.	0.8	128
112	Drug methylation in cancer therapy: lessons from the TPMT polymorphism. Oncogene, 2003, 22, 7403-7413.	2.6	128
113	Increased risk for CNS relapse in pre-B cell leukemia with the t(1;19)/TCF3-PBX1. Leukemia, 2009, 23, 1406-1409.	3.3	128
114	Thiopurine methyltransferase in acute lymphoblastic leukemia. Blood, 2006, 107, 843-844.	0.6	127
115	The expression of 70 apoptosis genes in relation to lineage, genetic subtype, cellular drug resistance, and outcome in childhood acute lymphoblastic leukemia. Blood, 2006, 107, 769-776.	0.6	126
116	NALP3 inflammasome upregulation and CASP1 cleavage of the glucocorticoid receptor cause glucocorticoid resistance in leukemia cells. Nature Genetics, 2015, 47, 607-614.	9.4	126
117	Comparative cytotoxicity of dexamethasone and prednisolone in childhood acute lymphoblastic leukemia.. Journal of Clinical Oncology, 1996, 14, 2370-2376.	0.8	125
118	Transporter-Mediated Protection against Thiopurine-Induced Hematopoietic Toxicity. Cancer Research, 2008, 68, 4983-4989.	0.4	124
119	Improved Prognosis for Older Adolescents With Acute Lymphoblastic Leukemia. Journal of Clinical Oncology, 2011, 29, 386-391.	0.8	122
120	TP53 Germline Variations Influence the Predisposition and Prognosis of B-Cell Acute Lymphoblastic Leukemia in Children. Journal of Clinical Oncology, 2018, 36, 591-599.	0.8	121
121	PharmGKB summary. Pharmacogenetics and Genomics, 2011, 21, 679-686.	0.7	120
122	Pharmacokinetics of vincristine in children and adolescents with acute lymphocytic leukemia. Journal of Pediatrics, 1994, 125, 642-649.	0.9	119
123	Clinical pharmacodynamics of continuous infusion teniposide: systemic exposure as a determinant of response in a phase I trial.. Journal of Clinical Oncology, 1987, 5, 1007-1014.	0.8	117
124	Systemic Exposure to Thiopurines and Risk of Relapse in Children With Acute Lymphoblastic Leukemia. JAMA Oncology, 2015, 1, 287.	3.4	114
125	Pharmacogenetics as a molecular basis for individualized drug therapy: the thiopurine S-methyltransferase paradigm. , 1999, 16, 342-349.		113
126	Clinical Pharmacokinetics-Pharmacodynamicsof Anticancer Drugs. Clinical Pharmacokinetics, 1989, 16, 327-336.	1.6	112

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127	ETV6-RUNX1-positive childhood acute lymphoblastic leukemia: improved outcome with contemporary therapy. Leukemia, 2012, 26, 265-270.	3.3	112
128	A genome-wide association study of susceptibility to acute lymphoblastic leukemia in adolescents and young adults. Blood, 2015, 125, 680-686.	0.6	110
129	Clinical evaluation of sequentially scheduled cisplatin and vm26 in neuroblastoma: Response and toxicity. Cancer, 1981, 48, 1715-1718.	2.0	107
130	Lower prevalence of the debrisoquin oxidative poor metabolizer phenotype in American black versus white subjects. Clinical Pharmacology and Therapeutics, 1991, 50, 308-313.	2.3	105
131	Reduced Folate Carrier Expression in Acute Lymphoblastic Leukemia: A Mechanism for Ploidy but not Lineage Differences in Methotrexate Accumulation. Blood, 1999, 93, 1643-1650.	0.6	105
132	Treatment Outcomes in Black and White Children With Cancer: Results From the SEER Database and St Jude Children's Research Hospital, 1992 Through 2007. Journal of Clinical Oncology, 2012, 30, 2005-2012.	0.8	104
133	Nomenclature for alleles of the thiopurine methyltransferase gene. Pharmacogenetics and Genomics, 2013, 23, 242-248.	0.7	104
134	Genome-wide association study identifies germline polymorphisms associated with relapse of childhood acute lymphoblastic leukemia. Blood, 2012, 120, 4197-4204.	0.6	103
135	Pharmacokinetic monitoring of high-dose methotrexate. Cancer Chemotherapy and Pharmacology, 1979, 3, 161-6.	1.1	102
136	Genetics of glucocorticoid-associated osteonecrosis in children with acute lymphoblastic leukemia. Blood, 2015, 126, 1770-1776.	0.6	102
137	Identification of a new variant CYP2D6 allele with a single base deletion in exon 3 and its association with the poor metabolizer phenotype. Human Molecular Genetics, 1994, 3, 923-926.	1.4	101
138	Pharmacokinetics of teniposide (VM26) and etoposide (VP16-213) in children with cancer. Cancer Chemotherapy and Pharmacology, 1982, 7, 147-50.	1.1	100
139	Anaphylactoid reactions to escherichia coli and erwinia asparaginase in children with leukemia and lymphoma. Cancer, 1982, 49, 1378-1383.	2.0	99
140	Clinical implementation of pharmacogenomics: overcoming genetic exceptionalism. Lancet Oncology, The, 2010, 11, 507-509.	5.1	97
141	Pharmacokinetics and toxicity of methotrexate in children with Down syndrome and acute lymphocytic leukemia. Journal of Pediatrics, 1987, 111, 606-612.	0.9	95
142	Dextromethorphan and caffeine as probes for simultaneous determination of debrisoquin-oxidation and N-acetylation phenotypes in children. Clinical Pharmacology and Therapeutics, 1989, 45, 568-573.	2.3	95
143	Differences in Folylpolyglutamate Synthetase and Dihydrofolate Reductase Expression in Human B-Lineage versus T-Lineage Leukemic Lymphoblasts: Mechanisms for Lineage Differences in Methotrexate Polyglutamylation and Cytotoxicity. Molecular Pharmacology, 1997, 52, 155-163.	1.0	95
144	A Clinician-Driven Automated System for Integration of Pharmacogenetic Interpretations Into an Electronic Medical Record. Clinical Pharmacology and Therapeutics, 2012, 92, 563-566.	2.3	94

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145	Clinical utility and implications of asparaginase antibodies in acute lymphoblastic leukemia. Leukemia, 2012, 26, 2303-2309.	3.3	93
146	Mutational Landscape and Patterns of Clonal Evolution in Relapsed Pediatric Acute Lymphoblastic Leukemia. Blood Cancer Discovery, 2020, 1, 96-111.	2.6	93
147	Genetic basis for a lower prevalence of deficient CYP2D6 oxidative drug metabolism phenotypes in black Americans.. Journal of Clinical Investigation, 1993, 91, 2150-2154.	3.9	92
148	Etoposide pharmacokinetics in patients with normal and abnormal organ function.. Journal of Clinical Oncology, 1986, 4, 1690-1695.	0.8	91
149	A nuclear protein complex containing high mobility group proteins B1 and B2, heat shock cognate protein 70, ERp60, and glyceraldehyde-3-phosphate dehydrogenase is involved in the cytotoxic response to DNA modified by incorporation of anticancer nucleoside analogues. Cancer Research, 2003, 63, 100-6.	0.4	91
150	Outcomes of Growth Hormone Replacement Therapy in Survivors of Childhood Acute Lymphoblastic Leukemia. Journal of Clinical Oncology, 2002, 20, 2959-2964.	0.8	90
151	Novel variants in NUDT15 and thiopurine intolerance in children with acute lymphoblastic leukemia from diverse ancestry. Blood, 2017, 130, 1209-1212.	0.6	90
152	Reappraisal of the clinical and biologic significance of myeloid-associated antigen expression in childhood acute lymphoblastic leukemia.. Journal of Clinical Oncology, 1998, 16, 3768-3773.	0.8	89
153	Structure and Dynamics of Thioguanine-modified Duplex DNA. Journal of Biological Chemistry, 2003, 278, 1005-1011.	1.6	89
154	Thiopurine pathway. Pharmacogenetics and Genomics, 2010, 20, 573-574.	0.7	89
155	Relation of systemic exposure to unbound etoposide and hematologic toxicity. Clinical Pharmacology and Therapeutics, 1991, 50, 385-393.	2.3	88
156	Clinical and Genetic Risk Factors for Acute Pancreatitis in Patients With Acute Lymphoblastic Leukemia. Journal of Clinical Oncology, 2016, 34, 2133-2140.	0.8	88
157	Enhanced proteasomal degradation of mutant human thiopurine S-methyltransferase (TPMT) in mammalian cells. Pharmacogenetics and Genomics, 1999, 9, 641-650.	0.7	88
158	De novo purine synthesis inhibition and antileukemic effects of mercaptopurine alone or in combination with methotrexate in vivo. Blood, 2002, 100, 1240-1247.	0.6	87
159	Effect of pleural effusion on highâ€dose methotrexate kinetics. Clinical Pharmacology and Therapeutics, 1978, 23, 68-72.	2.3	85
160	HLA-DRB1*07:01 is associated with a higher risk of asparaginase allergies. Blood, 2014, 124, 1266-1276.	0.6	84
161	A substrate specific functional polymorphism of human Î³-glutamyl hydrolase alters catalytic activity and methotrexate polyglutamate accumulation in acute lymphoblastic leukaemia cells. Pharmacogenetics and Genomics, 2004, 14, 557-567.	5.7	83
162	Enhancer Hijacking Drives Oncogenic BCL11B Expression in Lineage-Ambiguous Stem Cell Leukemia. Cancer Discovery, 2021, 11, 2846-2867.	7.7	83

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163	ARID5B SNP rs10821936 is associated with risk of childhood acute lymphoblastic leukemia in blacks and contributes to racial differences in leukemia incidence. Leukemia, 2010, 24, 894-896.	3.3	82
164	Altered protein binding of etoposide in patients with cancer. Clinical Pharmacology and Therapeutics, 1989, 45, 49-55.	2.3	81
165	Therapeutic effects and pharmacokinetics of recombinant human granulocyte-macrophage colony-stimulating factor in childhood cancer patients receiving myelosuppressive chemotherapy.. Journal of Clinical Oncology, 1991, 9, 1022-1028.	0.8	81
166	Increased teniposide clearance with concomitant anticonvulsant therapy.. Journal of Clinical Oncology, 1992, 10, 311-315.	0.8	79
167	Bone marrow recurrence after initial intensive treatment for childhood acute lymphoblastic leukemia. Cancer, 2005, 103, 368-376.	2.0	79
168	Methotrexate cerebrospinal fluid and serum concentrations after intermediate-dose methotrexate infusion. Clinical Pharmacology and Therapeutics, 1983, 33, 301-307.	2.3	78
169	Removal of methotrexate, leucovorin, and their metabolites by combined hemodialysis and hemoperfusion. Cancer, 1988, 62, 884-888.	2.0	77
170	A Novel CRM1-mediated Nuclear Export Signal Governs Nuclear Accumulation of Glyceraldehyde-3-phosphate Dehydrogenase following Genotoxic Stress. Journal of Biological Chemistry, 2004, 279, 5984-5992.	1.6	77
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