# Jun J Yang

List of Publications by Year
in descending order



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|---|---|---|---|
| 182 papers | 12,800 citations | 25034 57 h-index | 27406 106 g-index |
| 192 all docs | 192 docs citations | 192 times ranked | 13885 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Childhood Acute Lymphoblastic Leukemia: Progress Through Collaboration. Journal of Clinical Oncology, 2015, 33, 2938-2948. | 1.6 | 747 |
| 2 | Cancer health disparities in racial/ethnic minorities in the United States. British Journal of Cancer, 2021, 124, 315-332. | 6.4 | 447 |
| 3 | 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. | 4.7 | 428 |
| 4 | NUDT15 polymorphisms alter thiopurine metabolism and hematopoietic toxicity. Nature Genetics, 2016, 48, 367-373. | 21.4 | 389 |
| 5 | PAX5-driven subtypes of B-progenitor acute lymphoblastic leukemia. Nature Genetics, 2019, 51, 296-307. | 21.4 | 384 |
| 6 | Identification of novel cluster groups in pediatric high-risk B-precursor acute lymphoblastic leukemia with gene expression profiling: correlation with genome-wide DNA copy number alterations, clinical characteristics, and outcome. Blood, 2010, 116, 4874-4884. | 1.4 | 370 |
| 7 | Inherited NUDT15 Variant Is a Genetic Determinant of Mercaptopurine Intolerance in Children With Acute Lymphoblastic Leukemia. Journal of Clinical Oncology, 2015, 33, 1235-1242. | 1.6 | 369 |
| 8 | Dentinogenesis imperfecta 1 with or without progressive hearing loss is associated with distinct mutations in DSPP. Nature Genetics, 2001, 27, 201-204. | 21.4 | 302 |
| 9 | Evaluation of disulfide reduction during receptor-mediated endocytosis by using FRET imaging. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 13872-13877. | 7.1 | 300 |
| 10 | Methotrexate-Induced Neurotoxicity and Leukoencephalopathy in Childhood Acute Lymphoblastic Leukemia. Journal of Clinical Oncology, 2014, 32, 949-959. | 1.6 | 275 |
| 11 | A recurrent germline PAX5 mutation confers susceptibility to pre-B cell acute lymphoblastic leukemia. Nature Genetics, 2013, 45, 1226-1231. | 21.4 | 270 |
| 12 | Relapse-specific mutations in NT5C2 in childhood acute lymphoblastic leukemia. Nature Genetics, 2013, 45, 290-294. | 21.4 | 264 |
| 13 | Inherited GATA3 variants are associated with Ph-like childhood acute lymphoblastic leukemia and risk of relapse. Nature Genetics, 2013, 45, 1494-1498. | 21.4 | 264 |
| 14 | Genomic Profiling of Adult and Pediatric B-cell Acute Lymphoblastic Leukemia. EBioMedicine, 2016, 8, 173-183. | 6.1 | 241 |
| 15 | Ancestry and pharmacogenomics of relapse in acute lymphoblastic leukemia. Nature Genetics, 2011, 43, 237-241. | 21.4 | 239 |
| 16 | Deregulation of DUX4 and ERG in acute lymphoblastic leukemia. Nature Genetics, 2016, 48, 1481-1489. | 21.4 | 231 |
| 17 | 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. | 6.3 | 208 |
| 18 | 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. | 7.4 | 193 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Transcriptional landscape of B cell precursor acute lymphoblastic leukemia based on an international study of 1,223 cases. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E11711-E11720. | 7.1 | 192 |
| 20 | Integrated genomic analysis of relapsed childhood acute lymphoblastic leukemia reveals therapeutic strategies. Blood, 2011, 118, 5218-5226. | 1.4 | 180 |
| 21 | Genome-wide copy number profiling reveals molecular evolution from diagnosis to relapse in childhood acute lymphoblastic leukemia. Blood, 2008, 112, 4178-4183. | 1.4 | 179 |
| 22 | Therapy-induced mutations drive the genomic landscape of relapsed acute lymphoblastic leukemia. Blood, 2020, 135, 41-55. | 1.4 | 171 |
| 23 | 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. | 1.6 | 169 |
| 24 | The Histone Demethylase JMJD2B Is Regulated by Estrogen Receptor Î± and Hypoxia, and Is a Key Mediator of Estrogen Induced Growth. Cancer Research, 2010, 70, 6456-6466. | 0.9 | 167 |
| 25 | 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. | 1.6 | 165 |
| 26 | Germline genetic variation in ETV6 and risk of childhood acute lymphoblastic leukaemia: a systematic genetic study. Lancet Oncology, The, 2015, 16, 1659-1666. | 10.7 | 161 |
| 27 | Effect of Dasatinib vs Imatinib in the Treatment of Pediatric Philadelphia Chromosomeâ€“Positive Acute Lymphoblastic Leukemia. JAMA Oncology, 2020, 6, 358. | 7.1 | 159 |
| 28 | Biology of Childhood Acute Lymphoblastic Leukemia. Pediatric Clinics of North America, 2015, 62, 47-60. | 1.8 | 155 |
| 29 | Inosine is an alternative carbon source for CD8+-T-cell function under glucose restriction. Nature Metabolism, 2020, 2, 635-647. | 11.9 | 150 |
| 30 | Design, Synthesis, and Preclinical Evaluation of Prostate-Specific Membrane Antigen Targeted <sup>99m</sup>Tc-Radioimaging Agents. Molecular Pharmaceutics, 2009, 6, 790-800. | 4.6 | 147 |
| 31 | Germline Genetic IKZF1 Variation and Predisposition to Childhood Acute Lymphoblastic Leukemia. Cancer Cell, 2018, 33, 937-948.e8. | 16.8 | 142 |
| 32 | Negative feedbackâ€“defective PRPS1 mutants drive thiopurine resistance in relapsed childhood ALL. Nature Medicine, 2015, 21, 563-571. | 30.7 | 141 |
| 33 | Somatic and germline genomics in paediatric acute lymphoblastic leukaemia. Nature Reviews Clinical Oncology, 2019, 16, 227-240. | 27.6 | 132 |
| 34 | Genomics of racial and ethnic disparities in childhood acute lymphoblastic leukemia. Cancer, 2014, 120, 955-962. | 4.1 | 128 |
| 35 | TP53 Germline Variations Influence the Predisposition and Prognosis of B-Cell Acute Lymphoblastic Leukemia in Children. Journal of Clinical Oncology, 2018, 36, 591-599. | 1.6 | 121 |
| 36 | PharmGKB summary. Pharmacogenetics and Genomics, 2011, 21, 679-686. | 1.5 | 120 |

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|---|---|---|---|
| 37 | Inherited genetic variation in childhood acute lymphoblastic leukemia. Blood, 2015, 125, 3988-3995. | 1.4 | 119 |
| 38 | Characterization of the pH of Folate Receptor-Containing Endosomes and the Rate of Hydrolysis of Internalized Acid-Labile Folate-Drug Conjugates. Journal of Pharmacology and Experimental Therapeutics, 2007, 321, 462-468. | 2.5 | 113 |
| 39 | A genome-wide association study of susceptibility to acute lymphoblastic leukemia in adolescents and young adults. Blood, 2015, 125, 680-686. | 1.4 | 110 |
| 40 | Estrogen receptor-Î± directly regulates the hypoxia-inducible factor 1 pathway associated with antiestrogen response in breast cancer. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 15172-15177. | 7.1 | 110 |
| 41 | Common variants in ACYP2 influence susceptibility to cisplatin-induced hearing loss. Nature Genetics, 2015, 47, 263-266. | 21.4 | 109 |
| 42 | Whole-transcriptome sequencing identifies a distinct subtype of acute lymphoblastic leukemia with predominant genomic abnormalities of EP300 and CREBBP. Genome Research, 2017, 27, 185-195. | 5.5 | 105 |
| 43 | Genome-wide association study identifies germline polymorphisms associated with relapse of childhood acute lymphoblastic leukemia. Blood, 2012, 120, 4197-4204. | 1.4 | 103 |
| 44 | Role of Hypoxiaâ€Inducible Factors in Epigenetic Regulation via Histone Demethylases. Annals of the New York Academy of Sciences, 2009, 1177, 185-197. | 3.8 | 98 |
| 45 | Massively parallel variant characterization identifies NUDT15 alleles associated with thiopurine toxicity. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 5394-5401. | 7.1 | 95 |
| 46 | Mutational Landscape and Patterns of Clonal Evolution in Relapsed Pediatric Acute Lymphoblastic Leukemia. Blood Cancer Discovery, 2020, 1, 96-111. | 5.0 | 93 |
| 47 | Issues related to targeted delivery of proteins and peptides. AAPS Journal, 2006, 8, E466-E478. | 4.4 | 90 |
| 48 | Novel variants in NUDT15 and thiopurine intolerance in children with acute lymphoblastic leukemia from diverse ancestry. Blood, 2017, 130, 1209-1212. | 1.4 | 90 |
| 49 | Small-Molecule Activation of p53 Blocks Hypoxia-Inducible Factor 1Î± and Vascular Endothelial Growth Factor Expression In Vivo and Leads to Tumor Cell Apoptosis in Normoxia and Hypoxia. Molecular and Cellular Biology, 2009, 29, 2243-2253. | 2.3 | 89 |
| 50 | Philadelphia Chromosomeâ€"like Acute Lymphoblastic Leukemia. Clinical Lymphoma, Myeloma and Leukemia, 2017, 17, 464-470. | 0.4 | 84 |
| 51 | Global efforts toward the cure of childhood acute lymphoblastic leukaemia. The Lancet Child and Adolescent Health, 2018, 2, 440-454. | 5.6 | 83 |
| 52 | Enhancer Hijacking Drives Oncogenic BCL11B Expression in Lineage-Ambiguous Stem Cell Leukemia. Cancer Discovery, 2021, 11, 2846-2867. | 9.4 | 83 |
| 53 | Outcome of children with hypodiploid ALL treated with risk-directed therapy based on MRD levels. Blood, 2015, 126, 2896-2899. | 1.4 | 76 |
| 54 | Inherited coding variants at the CDKN2A locus influence susceptibility to acute lymphoblastic leukaemia in children. Nature Communications, 2015, 6, 7553. | 12.8 | 72 |

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|---|---|---|---|
| 55 | Impact of NUDT15 genetics on severe thiopurine-related hematotoxicity in patients with European ancestry. Genetics in Medicine, 2019, 21, 2145-2150. | 2.4 | 72 |
| 56 | Clinical Significance of Novel Subtypes of Acute Lymphoblastic Leukemia in the Context of Minimal Residual Diseaseâ€“Directed Therapy. Blood Cancer Discovery, 2021, 2, 326-337. | 5.0 | 71 |
| 57 | Network-based systems pharmacology reveals heterogeneity in LCK and BCL2 signaling and therapeutic sensitivity of T-cell acute lymphoblastic leukemia. Nature Cancer, 2021, 2, 284-299. | 13.2 | 70 |
| 58 | Understanding the Origins of Loss of Protein Function by Analyzing the Effects of Thousands of Variants on Activity and Abundance. Molecular Biology and Evolution, 2021, 38, 3235-3246. | 8.9 | 65 |
| 59 | Cholesterol Level Regulates Endosome Motility via Rab Proteins. Biophysical Journal, 2008, 94, 1508-1520. | 0.5 | 64 |
| 60 | The Role of Histone Demethylase KDM4B in Myc Signaling in Neuroblastoma. Journal of the National Cancer Institute, 2015, 107, djv080. | 6.3 | 63 |
| 61 | The effects of inherited NUDT15 polymorphisms on thiopurine active metabolites in Japanese children with acute lymphoblastic leukemia. Pharmacogenetics and Genomics, 2017, 27, 236-239. | 1.5 | 63 |
| 62 | Genetic and clinical factors associated with obesity among adult survivors of childhood cancer: A report from the St. Jude Lifetime Cohort. Cancer, 2015, 121, 2262-2270. | 4.1 | 62 |
| 63 | Identification of four novel associations for B-cell acute lymphoblastic leukaemia risk. Nature Communications, 2019, 10, 5348. | 12.8 | 58 |
| 64 | PDGFRB mutation and tyrosine kinase inhibitor resistance in Ph-like acute lymphoblastic leukemia. Blood, 2018, 131, 2256-2261. | 1.4 | 49 |
| 65 | Discovery of regulatory noncoding variants in individual cancer genomes by using cis-X. Nature Genetics, 2020, 52, 811-818. | 21.4 | 47 |
| 66 | MYCN drives glutaminolysis in neuroblastoma and confers sensitivity to an ROS augmenting agent. Cell Death and Disease, 2018, 9, 220. | 6.3 | 46 |
| 67 | Prognostic factors for CNS control in children with acute lymphoblastic leukemia treated without cranial irradiation. Blood, 2021, 138, 331-343. | 1.4 | 46 |
| 68 | Pharmacogene Variation Consortium Gene Introduction: <scp>NUDT15</scp>. Clinical Pharmacology and Therapeutics, 2019, 105, 1091-1094. | 4.7 | 45 |
| 69 | A variant at 9p21.3 functionally implicates CDKN2B in paediatric B-cell precursor acute lymphoblastic leukaemia aetiology. Nature Communications, 2016, 7, 10635. | 12.8 | 44 |
| 70 | Novel susceptibility variants at the ERG locus for childhood acute lymphoblastic leukemia in Hispanics. Blood, 2019, 133, 724-729. | 1.4 | 44 |
| 71 | Integrative genomic analyses reveal mechanisms of glucocorticoid resistance in acute lymphoblastic leukemia. Nature Cancer, 2020, 1, 329-344. | 13.2 | 44 |
| 72 | Preclinical evaluation of NUDT15-guided thiopurine therapy and its effects on toxicity and antileukemic efficacy. Blood, 2018, 131, 2466-2474. | 1.4 | 43 |

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|---|---|---|---|
| 73 | Targeting Histone Demethylases in MYC-Driven Neuroblastomas with Ciclopirox. Cancer Research, 2017, 77, 4626-4638. | 0.9 | 42 |
| 74 | Pulse therapy with vincristine and dexamethasone for childhood acute lymphoblastic leukaemia (CCCG-ALL-2015): an open-label, multicentre, randomised, phase 3, non-inferiority trial. Lancet Oncology, The, 2021, 22, 1322-1332. | 10.7 | 42 |
| 75 | Etoposide pathway. Pharmacogenetics and Genomics, 2009, 19, 552-553. | 1.5 | 41 |
| 76 | Genetic defects in hematopoietic transcription factors and predisposition to acute lymphoblastic leukemia. Blood, 2019, 134, 793-797. | 1.4 | 37 |
| 77 | Inherited genetic susceptibility to acute lymphoblastic leukemia in Down syndrome. Blood, 2019, 134, 1227-1237. | 1.4 | 37 |
| 78 | Molecular basis of ETV6-mediated predisposition to childhood acute lymphoblastic leukemia. Blood, 2021, 137, 364-373. | 1.4 | 37 |
| 79 | Maintenance therapy for acute lymphoblastic leukemia: basic science and clinical translations. Leukemia, 2022, 36, 1749-1758. | 7.2 | 36 |
| 80 | MSH6 haploinsufficiency at relapse contributes to the development of thiopurine resistance in pediatric B-lymphoblastic leukemia. Haematologica, 2018, 103, 830-839. | 3.5 | 35 |
| 81 | Association of Genetic Ancestry With the Molecular Subtypes and Prognosis of Childhood Acute Lymphoblastic Leukemia. JAMA Oncology, 2022, 8, 354. | 7.1 | 35 |
| 82 | Whole-genome noncoding sequence analysis in T-cell acute lymphoblastic leukemia identifies oncogene enhancer mutations. Blood, 2017, 129, 3264-3268. | 1.4 | 32 |
| 83 | Genome-Wide Association Study of Susceptibility Loci for T-Cell Acute Lymphoblastic Leukemia in Children. Journal of the National Cancer Institute, 2019, 111, 1350-1357. | 6.3 | 32 |
| 84 | Hypoxia and Hormone-Mediated Pathways Converge at the Histone Demethylase KDM4B in Cancer. International Journal of Molecular Sciences, 2018, 19, 240. | 4.1 | 29 |
| 85 | Noncoding genetic variation in GATA3 increases acute lymphoblastic leukemia risk through local and global changes in chromatin conformation. Nature Genetics, 2022, 54, 170-179. | 21.4 | 29 |
| 86 | ARID5B Regulates Leukemia Sensitivity to Antimetabolites in Children with Acute Lymphoblastic Leukemia Via Effects on Cell Cycle Progression. Blood, 2014, 124, 791-791. | 1.4 | 28 |
| 87 | Pharmacogenomics in acute lymphoblastic leukemia. Best Practice and Research in Clinical Haematology, 2017, 30, 229-236. | 1.7 | 27 |
| 88 | Relapsed acute lymphoblastic leukemia-specific mutations in NT5C2 cluster into hotspots driving intersubunit stimulation. Leukemia, 2018, 32, 1393-1403. | 7.2 | 27 |
| 89 | Diplotype analysis of NUDT15 variants and 6-mercaptopurine sensitivity in pediatric lymphoid neoplasms. Leukemia, 2018, 32, 2710-2714. | 7.2 | 26 |
| 90 | Is There Etiologic Heterogeneity between Subtypes of Childhood Acute Lymphoblastic Leukemia? A Review of Variation in Risk by Subtype. Cancer Epidemiology Biomarkers and Prevention, 2019, 28, 846-856. | 2.5 | 26 |

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|---|---|---|---|
| 91 | An overview of disparities in childhood cancer: Report on the Inaugural Symposium on Childhood Cancer Health Disparities, Houston, Texas, 2016. Pediatric Hematology and Oncology, 2018, 35, 95-110. | 0.8 | 25 |
| 92 | ARID5B Influences Antimetabolite Drug Sensitivity and Prognosis of Acute Lymphoblastic Leukemia. Clinical Cancer Research, 2020, 26, 256-264. | 7.0 | 25 |
| 93 | Inhibition of mitochondrial complex I reverses NOTCH1-driven metabolic reprogramming in T-cell acute lymphoblastic leukemia. Nature Communications, 2022, 13, 2801. | 12.8 | 25 |
| 94 | Combination of common and novel rare NUDT15 variants improves predictive sensitivity of thiopurine-induced leukopenia in children with acute lymphoblastic leukemia. Haematologica, 2018, 103, e293-e295. | 3.5 | 24 |
| 95 | Folate-Linked Drugs for the Treatment of Cancer and Inflammatory Diseases. Sub-Cellular Biochemistry, 2012, 56, 163-179. | 2.4 | 23 |
| 96 | Carboxymethyl chitosan-poly(amidoamine) dendrimer coreâ€“shell nanoparticles for intracellular lysozyme delivery. Carbohydrate Polymers, 2013, 98, 1326-1334. | 10.2 | 23 |
| 97 | KDM6B promotes activation of the oncogenic CDK4/6-pRB-E2F pathway by maintaining enhancer activity in MYCN-amplified neuroblastoma. Nature Communications, 2021, 12, 7204. | 12.8 | 22 |
| 98 | The Promise and the Reality of Genomics to Guide Precision Medicine in Pediatric Oncology: The Decade Ahead. Clinical Pharmacology and Therapeutics, 2020, 107, 176-180. | 4.7 | 21 |
| 99 | The NSD2 p.E1099K Mutation Is Enriched at Relapse and Confers Drug Resistance in a Cell Contextâ€“Dependent Manner in Pediatric Acute Lymphoblastic Leukemia. Molecular Cancer Research, 2020, 18, 1153-1165. | 3.4 | 20 |
| 100 | Germline RUNX1 variation and predisposition to childhood acute lymphoblastic leukemia. Journal of Clinical Investigation, 2021, 131, . | 8.2 | 20 |
| 101 | A New System Identification Approach to Identify Genetic Variants in Sequencing Studies for a Binary Phenotype. Human Heredity, 2014, 78, 104-116. | 0.8 | 19 |
| 102 | Treatment of Testicular Relapse of B-cell Acute Lymphoblastic Leukemia With CD19-specific Chimeric Antigen Receptor T Cells. Clinical Lymphoma, Myeloma and Leukemia, 2020, 20, 366-370. | 0.4 | 19 |
| 103 | Identifying IGH disease clones for MRD monitoring in childhood B-cell acute lymphoblastic leukemia using RNA-Seq. Leukemia, 2020, 34, 2418-2429. | 7.2 | 19 |
| 104 | Evaluation of a two-step iterative resampling procedure for internal validation of genome-wide association studies. Journal of Human Genetics, 2015, 60, 729-738. | 2.3 | 17 |
| 105 | Mechanisms of NT5C2-Mediated Thiopurine Resistance in Acute Lymphoblastic Leukemia. Molecular Cancer Therapeutics, 2019, 18, 1887-1895. | 4.1 | 17 |
| 106 | Cell Fate Decisions: The Role of Transcription Factors in Early B-cell Development and Leukemia. Blood Cancer Discovery, 2020, 1, 224-233. | 5.0 | 17 |
| 107 | Association ofGATA3Polymorphisms With Minimal Residual Disease and Relapse Risk in Childhood Acute Lymphoblastic Leukemia. Journal of the National Cancer Institute, 2021, 113, 408-417. | 6.3 | 16 |
| 108 | Pharmacogenomics of pediatric acute lymphoblastic leukemia. Expert Opinion on Pharmacotherapy, 2010, 11, 1621-1632. | 1.8 | 15 |

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|---|---|---|---|
| 109 | Familyâ€based exomeâ€wide assessment of maternal genetic effects on susceptibility to childhood Bâ€cell acute lymphoblastic leukemia in hispanics. Cancer, 2016, 122, 3697-3704. | 4.1 | 15 |
| 110 | Profiling chromatin accessibility in pediatric acute lymphoblastic leukemia identifies subtype-specific chromatin landscapes and gene regulatory networks. Leukemia, 2021, 35, 3078-3091. | 7.2 | 15 |
| 111 | Characterization of Novel Subtypes in B Progenitor Acute Lymphoblastic Leukemia. Blood, 2018, 132, 565-565. | 1.4 | 14 |
| 112 | Race, Genotype, and Azathioprine Discontinuation. Annals of Internal Medicine, 2022, 175, 1092-1099. | 3.9 | 14 |
| 113 | A novel spermatogenesis-specific uPAR gene expressed in human and mouse testis. Biochemical and Biophysical Research Communications, 2006, 342, 1223-1227. | 2.1 | 13 |
| 114 | Characterization of in Vivo Disulfide-Reduction Mediated Drug Release in Mouse Kidneys. Molecular Pharmaceutics, 2012, 9, 310-317. | 4.6 | 13 |
| 115 | Deficiency of PTEN and CDKN2A Tumor-Suppressor Genes in Conventional and Chondroid Chordomas: Molecular Characteristics and Clinical Relevance . OncoTargets and Therapy, 2020, Volume 13, 4649-4663. | 2.0 | 13 |
| 116 | Family-based exome-wide association study of childhood acute lymphoblastic leukemia among Hispanics confirms role of ARID5B in susceptibility. PLoS ONE, 2017, 12, e0180488. | 2.5 | 13 |
| 117 | Seven In Absentia Homolog 2 (SIAH2) downregulation is associated with tamoxifen resistance in MCF-7 breast cancer cells. Journal of Surgical Research, 2014, 190, 203-209. | 1.6 | 12 |
| 118 | Integrated analysis of pharmacologic, clinical and SNP microarray data using Projection Onto the Most Interesting Statistical Evidence with Adaptive Permutation Testing. International Journal of Data Mining and Bioinformatics, 2011, 5, 143. | 0.1 | 11 |
| 119 | NUDT15 polymorphism influences the metabolism and therapeutic effects of acyclovir and ganciclovir. Nature Communications, 2021, 12, 4181. | 12.8 | 11 |
| 120 | Differential effects of thiopurine methyltransferase (TPMT) and multidrug resistance-associated protein gene 4 (MRP4) on mercaptopurine toxicity. Cancer Chemotherapy and Pharmacology, 2017, 80, 287-293. | 2.3 | 10 |
| 121 | Molecular Mechanisms of ARID5B-Mediated Genetic Susceptibility to Acute Lymphoblastic Leukemia. Journal of the National Cancer Institute, 2022, 114, 1287-1295. | 6.3 | 10 |
| 122 | Etoposide Sensitivity Does Not Predict MLL Rearrangements or Risk of Therapy-Related Acute Myeloid Leukemia. Clinical Pharmacology and Therapeutics, 2008, 84, 691-697. | 4.7 | 9 |
| 123 | SVSI: Fast and Powerful Setâ€Valued System Identification Approach to Identifying Rare Variants in Sequencing Studies for Ordered Categorical Traits. Annals of Human Genetics, 2015, 79, 294-309. | 0.8 | 9 |
| 124 | International Collaboration to Save Children With Acute Lymphoblastic Leukemia. Journal of Global Oncology, 2019, 5, 1-2. | 0.5 | 9 |
| 125 | Evolution of the Epigenetic Landscape in Childhood B Acute Lymphoblastic Leukemia and Its Role in Drug Resistance. Cancer Research, 2020, 80, 5189-5202. | 0.9 | 9 |
| 126 | Genome-Wide Association Study of Susceptibility Loci for TCF3-PBX1 Acute Lymphoblastic Leukemia in Children. Journal of the National Cancer Institute, 2021, 113, 933-937. | 6.3 | 9 |

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|---|---|---|---|
| 127 | Pharmacogenomics and ALL treatment: How to optimize therapy. Seminars in Hematology, 2020, 57, 130-136. | 3.4 | 9 |
| 128 | Effects of germline DHFR and FPGS variants on methotrexate metabolism and relapse of leukemia. Blood, 2020, 136, 1161-1168. | 1.4 | 9 |
| 129 | Crystal structures of NUDT15 variants enabled by a potent inhibitor reveal the structural basis for thiopurine sensitivity. Journal of Biological Chemistry, 2021, 296, 100568. | 3.4 | 8 |
| 130 | Targeting EP2 receptor with multifaceted mechanisms for high-risk neuroblastoma. Cell Reports, 2022, 39, 111000. | 6.4 | 8 |
| 131 | Amino acid stress response genes promote L-asparaginase resistance in pediatric acute lymphoblastic leukemia. Blood Advances, 2022, 6, 3386-3397. | 5.2 | 8 |
| 132 | Thiopurine S-Methyltransferase Pharmacogenetics in Childhood Acute Lymphoblastic Leukemia. Methods in Molecular Biology, 2013, 999, 273-284. | 0.9 | 7 |
| 133 | Novel Gene and Network Associations Found for Acute Lymphoblastic Leukemia Using Caseâ€“Control and Family-Based Studies in Multiethnic Populations. Cancer Epidemiology Biomarkers and Prevention, 2017, 26, 1531-1539. | 2.5 | 7 |
| 134 | An international retrospective study for tolerability of 6-mercaptopurine on NUDT15 bi-allelic variants in children with acute lymphoblastic leukemia. Haematologica, 2021, 106, 2026-2029. | 3.5 | 7 |
| 135 | Comprehensive characterization of pharmacogenetic variants in TPMT and NUDT15 in children with acute lymphoblastic leukemia. Pharmacogenetics and Genomics, 2022, 32, 60-66. | 1.5 | 7 |
| 136 | 17-DMAG dually inhibits Hsp90 and histone lysine demethylases in alveolar rhabdomyosarcoma. IScience, 2021, 24, 101996. | 4.1 | 7 |
| 137 | Genome-wide CRISPR/Cas9 screening identifies determinant of panobinostat sensitivity in acute lymphoblastic leukemia. Blood Advances, 2022, 6, 2496-2509. | 5.2 | 7 |
| 138 | Response. Journal of the National Cancer Institute, 2013, 105, 1512-1513. | 6.3 | 6 |
| 139 | Rare gene variants in a patient with azathioprine-induced lethal myelosuppression. Annals of Hematology, 2017, 96, 2131-2133. | 1.8 | 6 |
| 140 | FPGS relapse-specific mutations in relapsed childhood acute lymphoblastic leukemia. Scientific Reports, 2020, 10, 12074. | 3.3 | 6 |
| 141 | Advancing Precision Medicine Through the New Pharmacogenomics Global Research Network. Clinical Pharmacology and Therapeutics, 2021, 110, 559-562. | 4.7 | 6 |
| 142 | Practical Considerations for Using RNA Sequencing in Management of B-Lymphoblastic Leukemia. Journal of Molecular Diagnostics, 2021, 23, 1359-1372. | 2.8 | 6 |
| 143 | GATA3 rs3824662A allele in Bâ€cell acute lymphoblastic leukemia in adults, adolescents and young adults: association with CRLF2 rearrangement and poor prognosis. American Journal of Hematology, 2021, 96, E71-E74. | 4.1 | 5 |
| 144 | Effects of NT5C2 Germline Variants on 6â€Mecaptopurine Metabolism in Children With Acute Lymphoblastic Leukemia. Clinical Pharmacology and Therapeutics, 2021, 109, 1538-1545. | 4.7 | 5 |

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|---|---|---|---|
| 145 | Pharmacodynamics of cerebrospinal fluid asparagine after asparaginase. Cancer Chemotherapy and Pharmacology, 2021, 88, 655-664. | 2.3 | 5 |
| 146 | Pharmacogenomics for Drug Dosing in Children: Current Use, Knowledge, and Gaps. Journal of Clinical Pharmacology, 2021, 61, S188-S192. | 2.0 | 5 |
| 147 | Comprehensive analysis of dose intensity of acute lymphoblastic leukemia chemotherapy. Haematologica, 2022, 107, 371-380. | 3.5 | 5 |
| 148 | NUDT15 polymorphism and NT5C2 and PRPS1 mutations influence thiopurine sensitivity in acute lymphoblastic leukaemia cells. Journal of Cellular and Molecular Medicine, 2021, 25, 10521-10533. | 3.6 | 5 |
| 149 | The Genomic Landscape of Childhood Acute Lymphoblastic Leukemia. Blood, 2019, 134, 649-649. | 1.4 | 5 |
| 150 | Epidemiology and Etiology of Childhood ALL. , 2017, , 1-27. | | 4 |
| 151 | Germline Genetic Variants in GATA3 and Breast Cancer Treatment Outcomes in SWOG S8897 Trial and the Pathways Study. Clinical Breast Cancer, 2019, 19, 225-235.e2. | 2.4 | 4 |
| 152 | VPREB1 Deletions Occur Independent of Lambda-Light Chain Rearrangement and Predict Worse Outcome In Pediatric Acute Lymphoblastic Leukemia (ALL). Blood, 2010, 116, 273-273. | 1.4 | 4 |
| 153 | ABCC4, ITPA, NUDT15, TPMT and their interaction as genetic predictors of 6-mercaptopurine intolerance in chinese patients with acute lymphoblastic leukemia. Pediatric Hematology and Oncology, 2022, 39, 254-266. | 0.8 | 4 |
| 154 | NUDT15 variants confer high incidence of second malignancies in children with acute lymphoblastic leukemia. Blood Advances, 2021, 5, 5420-5428. | 5.2 | 4 |
| 155 | Genomic Technology Applied to Pharmacological Traits. JAMA - Journal of the American Medical Association, 2011, 306, 652-3. | 7.4 | 3 |
| 156 | Dosing-related saturation of toxicity and accelerated drug clearance with pegaspargase treatment. Blood, 2020, 136, 2955-2958. | 1.4 | 3 |
| 157 | The genetic risk of second cancers: should the therapy for acute lymphoblastic leukemia be individualized according to germline genetic makeup?. Expert Review of Precision Medicine and Drug Development, 2018, 3, 339-341. | 0.7 | 2 |
| 158 | Leukemia Risk Gene ARID5B is a Crucial Regulator of B-Cell Development. Blood, 2018, 132, 385-385. | 1.4 | 2 |
| 159 | De Novo Purine Biosynthesis in Drug Resistance and Tumor Relapse of Childhood ALL. Blood, 2015, 126, 2627-2627. | 1.4 | 2 |
| 160 | Genome-Wide Association Study Identifies a Novel Susceptibility Locus At 10p12.31-12.2 for Childhood Acute Lymphoblastic Leukemia in Ethinically Diverse Populations. Blood, 2012, 120, 877-877. | 1.4 | 2 |
| 161 | PharmGKB summary: acyclovir/ganciclovir pathway. Pharmacogenetics and Genomics, 2022, 32, 201-208. | 1.5 | 2 |
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