

# Wenjian Yang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5891744/publications.pdf>

Version: 2024-02-01

95  
papers

7,416  
citations

101543

36  
h-index

58581

82  
g-index

98  
all docs

98  
docs citations

98  
times ranked

8164  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deletion of <i>IKZF1</i> and Prognosis in Acute Lymphoblastic Leukemia. <i>New England Journal of Medicine</i> , 2009, 360, 470-480.	27.0	1,260
2	Gene-Expression Patterns in Drug-Resistant Acute Lymphoblastic Leukemia Cells and Response to Treatment. <i>New England Journal of Medicine</i> , 2004, 351, 533-542.	27.0	565
3	Germline genomic variants associated with childhood acute lymphoblastic leukemia. <i>Nature Genetics</i> , 2009, 41, 1001-1005.	21.4	459
4	NUDT15 polymorphisms alter thiopurine metabolism and hematopoietic toxicity. <i>Nature Genetics</i> , 2016, 48, 367-373.	21.4	389
5	Inherited <i>NUDT15</i> Variant Is a Genetic Determinant of Mercaptopurine Intolerance in Children With Acute Lymphoblastic Leukemia. <i>Journal of Clinical Oncology</i> , 2015, 33, 1235-1242.	1.6	369
6	Multiplex assessment of protein variant abundance by massively parallel sequencing. <i>Nature Genetics</i> , 2018, 50, 874-882.	21.4	323
7	Inherited GATA3 variants are associated with Ph-like childhood acute lymphoblastic leukemia and risk of relapse. <i>Nature Genetics</i> , 2013, 45, 1494-1498.	21.4	264
8	Association of an Inherited Genetic Variant With Vincristine-Related Peripheral Neuropathy in Children With Acute Lymphoblastic Leukemia. <i>JAMA - Journal of the American Medical Association</i> , 2015, 313, 815.	7.4	234
9	Novel Susceptibility Variants at 10p12.31-12.2 for Childhood Acute Lymphoblastic Leukemia in Ethnically Diverse Populations. <i>Journal of the National Cancer Institute</i> , 2013, 105, 733-742.	6.3	208
10	Genome-wide Interrogation of Germline Genetic Variation Associated With Treatment Response in Childhood Acute Lymphoblastic Leukemia. <i>JAMA - Journal of the American Medical Association</i> , 2009, 301, 393.	7.4	193
11	Integrated genomic analysis of relapsed childhood acute lymphoblastic leukemia reveals therapeutic strategies. <i>Blood</i> , 2011, 118, 5218-5226.	1.4	180
12	Genome-wide study of methotrexate clearance replicates <i>SLCO1B1</i> . <i>Blood</i> , 2013, 121, 898-904.	1.4	174
13	<i>ARID5B</i> Genetic Polymorphisms Contribute to Racial Disparities in the Incidence and Treatment Outcome of Childhood Acute Lymphoblastic Leukemia. <i>Journal of Clinical Oncology</i> , 2012, 30, 751-757.	1.6	165
14	Germline genetic variation in <i>ETV6</i> and risk of childhood acute lymphoblastic leukaemia: a systematic genetic study. <i>Lancet Oncology</i> , The, 2015, 16, 1659-1666.	10.7	161
15	Germline Genetic <i>IKZF1</i> Variation and Predisposition to Childhood Acute Lymphoblastic Leukemia. <i>Cancer Cell</i> , 2018, 33, 937-948.e8.	16.8	142
16	Folate pathway gene expression differs in subtypes of acute lymphoblastic leukemia and influences methotrexate pharmacodynamics. <i>Journal of Clinical Investigation</i> , 2005, 115, 110-117.	8.2	129
17	NALP3 inflammasome upregulation and <i>CASP1</i> cleavage of the glucocorticoid receptor cause glucocorticoid resistance in leukemia cells. <i>Nature Genetics</i> , 2015, 47, 607-614.	21.4	126
18	<i>TP53</i> Germline Variations Influence the Predisposition and Prognosis of B-Cell Acute Lymphoblastic Leukemia in Children. <i>Journal of Clinical Oncology</i> , 2018, 36, 591-599.	1.6	121

#	ARTICLE	IF	CITATIONS
19	A genome-wide association study of susceptibility to acute lymphoblastic leukemia in adolescents and young adults. <i>Blood</i> , 2015, 125, 680-686.	1.4	110
20	Genome-wide association study identifies germline polymorphisms associated with relapse of childhood acute lymphoblastic leukemia. <i>Blood</i> , 2012, 120, 4197-4204.	1.4	103
21	Genetics of glucocorticoid-associated osteonecrosis in children with acute lymphoblastic leukemia. <i>Blood</i> , 2015, 126, 1770-1776.	1.4	102
22	Massively parallel variant characterization identifies <i>NUDT15</i> alleles associated with thiopurine toxicity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 5394-5401.	7.1	95
23	Novel variants in <i>NUDT15</i> and thiopurine intolerance in children with acute lymphoblastic leukemia from diverse ancestry. <i>Blood</i> , 2017, 130, 1209-1212.	1.4	90
24	Clinical and Genetic Risk Factors for Acute Pancreatitis in Patients With Acute Lymphoblastic Leukemia. <i>Journal of Clinical Oncology</i> , 2016, 34, 2133-2140.	1.6	88
25	HLA-DRB1*07:01 is associated with a higher risk of asparaginase allergies. <i>Blood</i> , 2014, 124, 1266-1276.	1.4	84
26	Enhancer Hijacking Drives Oncogenic <i>BCL11B</i> Expression in Lineage-Ambiguous Stem Cell Leukemia. <i>Cancer Discovery</i> , 2021, 11, 2846-2867.	9.4	83
27	Outcome of children with hypodiploid ALL treated with risk-directed therapy based on MRD levels. <i>Blood</i> , 2015, 126, 2896-2899.	1.4	76
28	In Vivo Response to Methotrexate Forecasts Outcome of Acute Lymphoblastic Leukemia and Has a Distinct Gene Expression Profile. <i>PLoS Medicine</i> , 2008, 5, e83.	8.4	75
29	Inherited coding variants at the <i>CDKN2A</i> locus influence susceptibility to acute lymphoblastic leukaemia in children. <i>Nature Communications</i> , 2015, 6, 7553.	12.8	72
30	Network-based systems pharmacology reveals heterogeneity in LCK and BCL2 signaling and therapeutic sensitivity of T-cell acute lymphoblastic leukemia. <i>Nature Cancer</i> , 2021, 2, 284-299.	13.2	70
31	Antibodies Predict Pegaspargase Allergic Reactions and Failure of Rechallenge. <i>Journal of Clinical Oncology</i> , 2019, 37, 2051-2061.	1.6	61
32	Identification of four novel associations for B-cell acute lymphoblastic leukaemia risk. <i>Nature Communications</i> , 2019, 10, 5348.	12.8	58
33	Genetic risk factors for the development of osteonecrosis in children under age 10 treated for acute lymphoblastic leukemia. <i>Blood</i> , 2016, 127, 558-564.	1.4	56
34	Acquired variation outweighs inherited variation in whole genome analysis of methotrexate polyglutamate accumulation in leukemia. <i>Blood</i> , 2009, 113, 4512-4520.	1.4	52
35	Novel susceptibility variants at the <i>ERG</i> locus for childhood acute lymphoblastic leukemia in Hispanics. <i>Blood</i> , 2019, 133, 724-729.	1.4	44
36	Integrative genomic analyses reveal mechanisms of glucocorticoid resistance in acute lymphoblastic leukemia. <i>Nature Cancer</i> , 2020, 1, 329-344.	13.2	44

#	ARTICLE	IF	CITATIONS
37	Preclinical evaluation of NUDT15-guided thiopurine therapy and its effects on toxicity and antileukemic efficacy. <i>Blood</i> , 2018, 131, 2466-2474.	1.4	43
38	Neurocognitive Functioning of Children Treated for High-Risk B-Acute Lymphoblastic Leukemia Randomly Assigned to Different Methotrexate and Corticosteroid Treatment Strategies: A Report From the Children's Oncology Group. <i>Journal of Clinical Oncology</i> , 2017, 35, 2700-2707.	1.6	38
39	Asparaginase formulation impacts hypertriglyceridemia during therapy for acute lymphoblastic leukemia. <i>Pediatric Blood and Cancer</i> , 2020, 67, e28040.	1.5	38
40	Inherited genetic susceptibility to acute lymphoblastic leukemia in Down syndrome. <i>Blood</i> , 2019, 134, 1227-1237.	1.4	37
41	Molecular basis of <i>ETV6</i> -mediated predisposition to childhood acute lymphoblastic leukemia. <i>Blood</i> , 2021, 137, 364-373.	1.4	37
42	Trypsin-encoding <i>PRSS1-PRSS2</i> variations influence the risk of asparaginase-associated pancreatitis in children with acute lymphoblastic leukemia: a Ponte di Legno toxicity working group report. <i>Haematologica</i> , 2019, 104, 556-563.	3.5	36
43	Association of Genetic Ancestry With the Molecular Subtypes and Prognosis of Childhood Acute Lymphoblastic Leukemia. <i>JAMA Oncology</i> , 2022, 8, 354.	7.1	35
44	Genome-Wide Association Study of Susceptibility Loci for T-Cell Acute Lymphoblastic Leukemia in Children. <i>Journal of the National Cancer Institute</i> , 2019, 111, 1350-1357.	6.3	32
45	Noncoding genetic variation in <i>GATA3</i> increases acute lymphoblastic leukemia risk through local and global changes in chromatin conformation. <i>Nature Genetics</i> , 2022, 54, 170-179.	21.4	29
46	Germline <i>RUNX1</i> variation and predisposition to childhood acute lymphoblastic leukemia. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	20
47	Pharmacogenomics of intracellular methotrexate polyglutamates in patients' leukemia cells in vivo. <i>Journal of Clinical Investigation</i> , 2020, 130, 6600-6615.	8.2	18
48	Association of <i>GATA3</i> Polymorphisms With Minimal Residual Disease and Relapse Risk in Childhood Acute Lymphoblastic Leukemia. <i>Journal of the National Cancer Institute</i> , 2021, 113, 408-417.	6.3	16
49	Profiling chromatin accessibility in pediatric acute lymphoblastic leukemia identifies subtype-specific chromatin landscapes and gene regulatory networks. <i>Leukemia</i> , 2021, 35, 3078-3091.	7.2	15
50	Individual-specific functional epigenomics reveals genetic determinants of adverse metabolic effects of glucocorticoids. <i>Cell Metabolism</i> , 2021, 33, 1592-1609.e7.	16.2	15
51	Race, Genotype, and Azathioprine Discontinuation. <i>Annals of Internal Medicine</i> , 2022, 175, 1092-1099.	3.9	14
52	Identification of small molecules that mitigate vincristine-induced neurotoxicity while sensitizing leukemia cells to vincristine. <i>Clinical and Translational Science</i> , 2021, 14, 1490-1504.	3.1	12
53	Palmar-plantar erythrodysesthesia syndrome following treatment with high-dose methotrexate or high-dose cytarabine. <i>Cancer</i> , 2017, 123, 3602-3608.	4.1	11
54	NUDT15 polymorphism influences the metabolism and therapeutic effects of acyclovir and ganciclovir. <i>Nature Communications</i> , 2021, 12, 4181.	12.8	11

#	ARTICLE	IF	CITATIONS
55	Challenges in clinical implementation of CYP2D6 genotyping: choice of variants to test affects phenotype determination. <i>Genetics in Medicine</i> , 2020, 22, 232-233.	2.4	10
56	Molecular Mechanisms of <i>ARID5B</i> -Mediated Genetic Susceptibility to Acute Lymphoblastic Leukemia. <i>Journal of the National Cancer Institute</i> , 2022, 114, 1287-1295.	6.3	10
57	Concordance between glucose-6-phosphate dehydrogenase (G6PD) genotype and phenotype and rasburicase use in patients with hematologic malignancies. <i>Pharmacogenomics Journal</i> , 2019, 19, 305-314.	2.0	9
58	Genome-Wide Association Study of Susceptibility Loci for <i>TCF3-PBX1</i> Acute Lymphoblastic Leukemia in Children. <i>Journal of the National Cancer Institute</i> , 2021, 113, 933-937.	6.3	9
59	No evidence that G6PD deficiency affects the efficacy or safety of daunorubicin in acute lymphoblastic leukemia induction therapy. <i>Pediatric Blood and Cancer</i> , 2019, 66, e27681.	1.5	8
60	Amino acid stress response genes promote L-asparaginase resistance in pediatric acute lymphoblastic leukemia. <i>Blood Advances</i> , 2022, 6, 3386-3397.	5.2	8
61	Class II Human Leukocyte Antigen Variants Associate With Risk of Pegaspargase Hypersensitivity. <i>Clinical Pharmacology and Therapeutics</i> , 2021, 110, 794-802.	4.7	7
62	Comprehensive characterization of pharmacogenetic variants in TPMT and NUDT15 in children with acute lymphoblastic leukemia. <i>Pharmacogenetics and Genomics</i> , 2022, 32, 60-66.	1.5	7
63	Genome-Wide Association Analyses Identify Susceptibility Loci For Vincristine-Induced Peripheral Neuropathy In Children With Acute Lymphoblastic Leukemia. <i>Blood</i> , 2013, 122, 618-618.	1.4	6
64	Genetic Variation in NFATC2 Is Associated with a Higher Risk of Asparaginase Allergy. <i>Blood</i> , 2014, 124, 63-63.	1.4	6
65	<i>GATA3</i> rs3824662A allele in B-cell acute lymphoblastic leukemia in adults, adolescents and young adults: association with <i>CRLF2</i> rearrangement and poor prognosis. <i>American Journal of Hematology</i> , 2021, 96, E71-E74.	4.1	5
66	Effects of <i>NT5C2</i> Germline Variants on 6-Mercaptopurine Metabolism in Children With Acute Lymphoblastic Leukemia. <i>Clinical Pharmacology and Therapeutics</i> , 2021, 109, 1538-1545.	4.7	5
67	Comprehensive analysis of dose intensity of acute lymphoblastic leukemia chemotherapy. <i>Haematologica</i> , 2022, 107, 371-380.	3.5	5
68	A Genome-Wide Analysis of Variants Influencing Methotrexate Clearance Replicates <i>SLCO1B1</i> . <i>Blood</i> , 2012, 120, 2466-2466.	1.4	5
69	Klinefelter syndrome and 47, <i>XYY</i> syndrome in children with B cell acute lymphoblastic leukaemia. <i>British Journal of Haematology</i> , 2017, 179, 843-846.	2.5	4
70	Association between CEP72 genotype and persistent neuropathy in survivors of childhood acute lymphoblastic leukemia. <i>Leukemia</i> , 2022, 36, 1160-1163.	7.2	4
71	Dosing-related saturation of toxicity and accelerated drug clearance with pegaspargase treatment. <i>Blood</i> , 2020, 136, 2955-2958.	1.4	3
72	Genetics of osteonecrosis in pediatric acute lymphoblastic leukemia and general populations. <i>Blood</i> , 2021, 137, 1550-1552.	1.4	3

#	ARTICLE	IF	CITATIONS
73	Reply to I.J. Cohen. Journal of Clinical Oncology, 2017, 35, 3989-3991.	1.6	2
74	Pegaspargase Allergic Reactions Are Related to Anti-Pegaspargase Antibodies and to Intensity of Intrathecal Therapy. Blood, 2018, 132, 2697-2697.	1.4	2
75	Genome-Wide Association Study Identifies PNPLA3 I148M Variant Associated with Elevated Transaminase Levels after Induction Therapy in Pediatric ALL Patients. Blood, 2015, 126, 3714-3714.	1.4	2
76	Genome-Wide Association Study Identifies a Novel Susceptibility Locus At 10p12.31-12.2 for Childhood Acute Lymphoblastic Leukemia in Ethnically Diverse Populations. Blood, 2012, 120, 877-877.	1.4	2
77	Germline Genetic Variation in ETV6 and Predisposition to Childhood Acute Lymphoblastic Leukemia. Blood, 2015, 126, 695-695.	1.4	2
78	Impact of T-cell immunity on chemotherapy response in childhood acute lymphoblastic leukemia. Blood, 2022, 140, 1507-1521.	1.4	2
79	Osteonecrosis is unrelated to hip anatomy in children with acute lymphoblastic leukemia. Pediatric Blood and Cancer, 2017, 64, e26407.	1.5	1
80	Germline RUNX1 Variation and Predisposition to T-Cell Acute Lymphoblastic Leukemia in Children. Blood, 2019, 134, 653-653.	1.4	1
81	HLA-DRB1*07:01 Is Associated With Asparaginase Allergies In Children With Acute Lymphoblastic Leukemia. Blood, 2013, 122, 60-60.	1.4	1
82	Glutamate Receptor Polymorphisms Contribute to Glucocorticoid-Associated Osteonecrosis. Blood, 2014, 124, 367-367.	1.4	1
83	Association of the GATA3 rs3824662A allele with clinical outcomes in adult patients with adult B-ALL. Journal of Clinical Oncology, 2019, 37, 7023-7023.	1.6	1
84	ARID5B Genetic Polymorphisms Contribute to Racial Disparities In Childhood Acute Lymphoblastic Leukemia: A Children's Oncology Group Study. Blood, 2010, 116, 8-8.	1.4	1
85	A Genome-Wide Association Study of Susceptibility to Acute Lymphoblastic Leukemia in Adolescents and Young Adults. Blood, 2014, 124, 132-132.	1.4	1
86	Abstract 2118: Non-coding germline GATA3 variants alter chromatin topology and contribute to pathogenesis of acute lymphoblastic leukemia. , 2021, , .		0
87	Genetic Variations in GRIA1 On Chromosome 5q33 Related to Asparaginase Hypersensitivity in Childhood Acute Lymphoblastic Leukemia (ALL).. Blood, 2009, 114, 112-112.	1.4	0
88	SLCO1B1 Variation and Methotrexate Disposition in Children with Acute Lymphoblastic Leukemia: The Importance of Rare Variants in Pharmacogenetics. Blood, 2011, 118, 571-571.	1.4	0
89	Genome-Wide Association Study Identifies Germline Polymorphisms Associated with Relapse of Childhood Acute Lymphoblastic Leukemia. Blood, 2012, 120, 878-878.	1.4	0
90	Tolerability of 6-Mercaptopurine (6MP) in Patients with Thiopurine Methyltransferase (TPMT) Heterozygosity in the Context of Multi-Agent Therapy for Acute Lymphoblastic Leukemia (ALL). Blood, 2014, 124, 3722-3722.	1.4	0

#	ARTICLE	IF	CITATIONS
91	Genetic Risk Factors for the Development of Osteonecrosis in Children Under Age 10 Treated for Acute Lymphoblastic Leukemia. Blood, 2015, 126, 250-250.	1.4	0
92	The Effect of Asparaginase on Serum Triglycerides during Therapy for Acute Lymphoblastic Leukemia. Blood, 2018, 132, 2665-2665.	1.4	0
93	Identification of New Risk Loci and Regulatory Mechanisms Influencing Genetic Susceptibility to Acute Lymphoblastic Leukaemia. Blood, 2019, 134, 650-650.	1.4	0
94	The Impact of Genetic Ancestry on the Biology and Prognosis of Childhood Acute Lymphoblastic Leukemia. Blood, 2021, 138, 3476-3476.	1.4	0
95	The Impact of T Cell Immunity on Chemotherapy Response in Childhood Acute Lymphoblastic Leukemia. Blood, 2021, 138, 703-703.	1.4	0