

# Jinghui Zhang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

215  
papers

21,361  
citations

67  
h-index

145  
g-index

243  
ext. papers

26,715  
ext. citations

13.4  
avg, IF

5.67  
L-index

#	Paper	IF	Citations
215	Genome-wide association studies identify novel genetic loci for epigenetic age acceleration among survivors of childhood cancer.. <i>Genome Medicine</i> , <b>2022</b> , 14, 32	14.4	1
214	Somatic LINE-1 promoter acquisition drives oncogenic FOXR2 activation in pediatric brain tumor.. <i>Acta Neuropathologica</i> , <b>2022</b> , 143, 605	14.3	
213	A community approach to the cancer-variant-interpretation bottleneck. <i>Nature Cancer</i> , <b>2022</b> , 3, 522-525	15.4	0
212	Unifying heterogeneous expression data to predict targets for CAR-T cell therapy. <i>Oncot Immunology</i> , <b>2021</b> , 10, 2000109	7.2	0
211	Phase I study using crenolanib to target PDGFR kinase in children and young adults with newly diagnosed DIPG or recurrent high-grade glioma, including DIPG.. <i>Neuro-Oncology Advances</i> , <b>2021</b> , 3, vda179	9.9	2
210	Antitumor Effects of CAR T Cells Redirected to the EDB Splice Variant of Fibronectin. <i>Cancer Immunology Research</i> , <b>2021</b> , 9, 279-290	12.5	10
209	Liposome-Encapsulated Cytarabine and Daunorubicin (CPX-351) Induces Remission in Newly Diagnosed Pediatric Secondary Myeloid Malignancies. <i>Blood</i> , <b>2021</b> , 138, 4415-4415	2.2	
208	The landscape of coding RNA editing events in pediatric cancer. <i>BMC Cancer</i> , <b>2021</b> , 21, 1233	4.8	0
207	The Molecular Landscape of KMT2A-Rearranged Leukemia from Infancy to Adulthood Reveals Age and Leukemia-Specific Mutational Patterns. <i>Blood</i> , <b>2021</b> , 138, 3479-3479	2.2	
206	Retinoic acid rewires the adrenergic core regulatory circuitry of childhood neuroblastoma. <i>Science Advances</i> , <b>2021</b> , 7, eabe0834	14.3	2
205	A systematic analysis of genetic interactions and their underlying biology in childhood cancer. <i>Communications Biology</i> , <b>2021</b> , 4, 1139	6.7	0
204	CPX-351 Induces Remission in Newly Diagnosed Pediatric Secondary Myeloid Malignancies. <i>Blood Advances</i> , <b>2021</b> ,	7.8	3
203	Cohort Profile: The St. Jude Lifetime Cohort Study (SJLIFE) for paediatric cancer survivors. <i>International Journal of Epidemiology</i> , <b>2021</b> , 50, 39-49	7.8	18
202	Integrative network analysis reveals USP7 haploinsufficiency inhibits E-protein activity in pediatric T-lineage acute lymphoblastic leukemia (T-ALL). <i>Scientific Reports</i> , <b>2021</b> , 11, 5154	4.9	5
201	Contribution of Polygenic Risk to Hypertension Among Long-Term Survivors of Childhood Cancer. <i>JACC: CardioOncology</i> , <b>2021</b> , 3, 76-84	3.8	4
200	Persistent variations of blood DNA methylation associated with treatment exposures and risk for cardiometabolic outcomes in long-term survivors of childhood cancer in the St. Jude Lifetime Cohort. <i>Genome Medicine</i> , <b>2021</b> , 13, 53	14.4	3
199	The Association of Mitochondrial Copy Number With Sarcopenia in Adult Survivors of Childhood Cancer. <i>Journal of the National Cancer Institute</i> , <b>2021</b> , 113, 1570-1580	9.7	1

198	Targeted gene expression classifier identifies pediatric T-cell acute lymphoblastic leukemia (T-ALL) patients at high risk for end induction minimal residual disease positivity.. <i>Journal of Clinical Oncology</i> , <b>2021</b> , 39, 10002-10002	2.2	
197	Enhancer Hijacking Drives Oncogenic Expression in Lineage-Ambiguous Stem Cell Leukemia. <i>Cancer Discovery</i> , <b>2021</b> , 11, 2846-2867	24.4	12
196	Genomes for Kids: The Scope of Pathogenic Mutations in Pediatric Cancer Revealed by Comprehensive DNA and RNA Sequencing. <i>Cancer Discovery</i> , <b>2021</b> ,	24.4	21
195	Patient-derived models recapitulate heterogeneity of molecular signatures and drug response in pediatric high-grade glioma. <i>Nature Communications</i> , <b>2021</b> , 12, 4089	17.4	3
194	Molecular basis of ETV6-mediated predisposition to childhood acute lymphoblastic leukemia. <i>Blood</i> , <b>2021</b> , 137, 364-373	2.2	7
193	Epigenetic Age Acceleration and Chronic Health Conditions Among Adult Survivors of Childhood Cancer. <i>Journal of the National Cancer Institute</i> , <b>2021</b> , 113, 597-605	9.7	5
192	Genetic Variants Associated with Therapy-Related Cardiomyopathy among Childhood Cancer Survivors of African Ancestry. <i>Cancer Research</i> , <b>2021</b> , 81, 2556-2565	10.1	8
191	Network-based systems pharmacology reveals heterogeneity in LCK and BCL2 signaling and therapeutic sensitivity of T-cell acute lymphoblastic leukemia. <i>Nature Cancer</i> , <b>2021</b> , 2, 284-299	15.4	19
190	Exploration of Coding and Non-coding Variants in Cancer Using GenomePaint. <i>Cancer Cell</i> , <b>2021</b> , 39, 83-95	21.9	7
189	The acquisition of molecular drivers in pediatric therapy-related myeloid neoplasms. <i>Nature Communications</i> , <b>2021</b> , 12, 985	17.4	9
188	Chemotherapy and mismatch repair deficiency cooperate to fuel TP53 mutagenesis and ALL relapse.. <i>Nature Cancer</i> , <b>2021</b> , 2, 819-834	15.4	5
187	Polygenic Risk Score Improves Risk Stratification and Prediction of Subsequent Thyroid Cancer after Childhood Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , <b>2021</b> , 30, 2096-2104	4	3
186	Cancer Informatics for Cancer Centers: Scientific Drivers for Informatics, Data Science, and Care in Pediatric, Adolescent, and Young Adult Cancer. <i>JCO Clinical Cancer Informatics</i> , <b>2021</b> , 5, 881-896	5.2	1
185	Data-driven approaches to advance research and clinical care for pediatric cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , <b>2021</b> , 1876, 188571	11.2	1
184	indelPost: harmonizing ambiguities in simple and complex indel alignments. <i>Bioinformatics</i> , <b>2021</b> ,	7.2	1
183	Integrative Genomic Analysis of Pediatric Myeloid-Related Acute Leukemias Identifies Novel Subtypes and Prognostic Indicators. <i>Blood Cancer Discovery</i> , <b>2021</b> , 2, 586-599	7	0
182	Comprehensive molecular characterization of pediatric radiation-induced high-grade glioma. <i>Nature Communications</i> , <b>2021</b> , 12, 5531	17.4	7
181	Therapeutic and prognostic insights from the analysis of cancer mutational signatures. <i>Trends in Genetics</i> , <b>2021</b> ,	8.5	8

180	In a multi-institutional cohort of myeloid sarcomas, NFE2 mutation prevalence is lower than previously reported. <i>Blood Advances</i> , <b>2021</b> , 5, 5057-5059	7.8	1
179	St. Jude Cloud: A Pediatric Cancer Genomic Data-Sharing Ecosystem. <i>Cancer Discovery</i> , <b>2021</b> , 11, 1082-1099	29.4	32
178	Generalizability of "GWAS Hits" in Clinical Populations: Lessons from Childhood Cancer Survivors. <i>American Journal of Human Genetics</i> , <b>2020</b> , 107, 636-653	11	7
177	The NSD2 p.E1099K Mutation Is Enriched at Relapse and Confers Drug Resistance in a Cell Context-Dependent Manner in Pediatric Acute Lymphoblastic Leukemia. <i>Molecular Cancer Research</i> , <b>2020</b> , 18, 1153-1165	6.6	4
176	CICERO: a versatile method for detecting complex and diverse driver fusions using cancer RNA sequencing data. <i>Genome Biology</i> , <b>2020</b> , 21, 126	18.3	36
175	Pathogenic Germline Mutations in DNA Repair Genes in Combination With Cancer Treatment Exposures and Risk of Subsequent Neoplasms Among Long-Term Survivors of Childhood Cancer. <i>Journal of Clinical Oncology</i> , <b>2020</b> , 38, 2728-2740	2.2	11
174	A Novel Locus Predicts Spermatogenic Recovery among Childhood Cancer Survivors Exposed to Alkylating Agents. <i>Cancer Research</i> , <b>2020</b> , 80, 3755-3764	10.1	3
173	XAF1 as a modifier of p53 function and cancer susceptibility. <i>Science Advances</i> , <b>2020</b> , 6, eaba3231	14.3	14
172	Discovery of regulatory noncoding variants in individual cancer genomes by using cis-X. <i>Nature Genetics</i> , <b>2020</b> , 52, 811-818	36.3	26
171	MYCN amplification and ATRX mutations are incompatible in neuroblastoma. <i>Nature Communications</i> , <b>2020</b> , 11, 913	17.4	32
170	Loss of glucocorticoid receptor expression mediates in vivo dexamethasone resistance in T-cell acute lymphoblastic leukemia. <i>Leukemia</i> , <b>2020</b> , 34, 2025-2037	10.7	17
169	Shortened Leukocyte Telomere Length Associates with an Increased Prevalence of Chronic Health Conditions among Survivors of Childhood Cancer: A Report from the St. Jude Lifetime Cohort. <i>Clinical Cancer Research</i> , <b>2020</b> , 26, 2362-2371	12.9	18
168	Mutational landscape and patterns of clonal evolution in relapsed pediatric acute lymphoblastic leukemia. <i>Blood Cancer Discovery</i> , <b>2020</b> , 1, 96-111	7	44
167	Genome and Transcriptome Profiling of Monosomy 7 AML Defines Novel Risk and Therapeutic Cohorts. <i>Blood</i> , <b>2020</b> , 136, 20-21	2.2	
166	Creating a Variant Database for the American Society of Hematology By Consensus Variant Classification of Common Genes Associated with Hematologic Malignancies. <i>Blood</i> , <b>2020</b> , 136, 4-5	2.2	0
165	Cardiomyopathy risk among childhood cancer survivors of African ancestry and its molecular mechanisms. <i>Journal of Clinical Oncology</i> , <b>2020</b> , 38, 10514-10514	2.2	0
164	Estimated number of adult survivors of childhood cancer in United States with cancer-predisposing germline variants. <i>Pediatric Blood and Cancer</i> , <b>2020</b> , 67, e28047	3	7
163	Pan-neuroblastoma analysis reveals age- and signature-associated driver alterations. <i>Nature Communications</i> , <b>2020</b> , 11, 5183	17.4	31

162	FPGS relapse-specific mutations in relapsed childhood acute lymphoblastic leukemia. <i>Scientific Reports</i> , <b>2020</b> , 10, 12074	4.9	2
161	Therapy-induced mutagenesis in relapsed ALL is supported by mutational signature analysis. <i>Blood</i> , <b>2020</b> , 136, 2235-2237	2.2	
160	Infratentorial C11orf95-fused gliomas share histologic, immunophenotypic, and molecular characteristics of supratentorial RELA-fused ependymoma. <i>Acta Neuropathologica</i> , <b>2020</b> , 140, 963-965	14.3	8
159	Molecular Mechanism of Telomere Length Dynamics and Its Prognostic Value in Pediatric Cancers. <i>Journal of the National Cancer Institute</i> , <b>2020</b> , 112, 756-764	9.7	4
158	RNAIndel: discovering somatic coding indels from tumor RNA-Seq data. <i>Bioinformatics</i> , <b>2020</b> , 36, 1382-1390	13.0	7
157	ChIPseqSpikelnFree: a ChIP-seq normalization approach to reveal global changes in histone modifications without spike-in. <i>Bioinformatics</i> , <b>2020</b> , 36, 1270-1272	7.2	11
156	Relapse-Fated Latent Diagnosis Subclones in Acute B Lineage Leukemia Are Drug Tolerant and Possess Distinct Metabolic Programs. <i>Cancer Discovery</i> , <b>2020</b> , 10, 568-587	24.4	37
155	Therapy-induced mutations drive the genomic landscape of relapsed acute lymphoblastic leukemia. <i>Blood</i> , <b>2020</b> , 135, 41-55	2.2	81
154	Pediatric Cancer Variant Pathogenicity Information Exchange (PeCanPIE): a cloud-based platform for curating and classifying germline variants. <i>Genome Research</i> , <b>2019</b> , 29, 1555-1565	9.7	16
153	The Clonal Evolution of Metastatic Osteosarcoma as Shaped by Cisplatin Treatment. <i>Molecular Cancer Research</i> , <b>2019</b> , 17, 895-906	6.6	25
152	Genome-Wide Association Study in Irradiated Childhood Cancer Survivors Identifies HTR2A for Subsequent Basal Cell Carcinoma. <i>Journal of Investigative Dermatology</i> , <b>2019</b> , 139, 2042-2045.e8	4.3	9
151	Convergent genetic aberrations in murine and human T lineage acute lymphoblastic leukemias. <i>PLoS Genetics</i> , <b>2019</b> , 15, e1008168	6	3
150	Subsequent Breast Cancer in Female Childhood Cancer Survivors in the St Jude Lifetime Cohort Study (SJLIFE). <i>Journal of Clinical Oncology</i> , <b>2019</b> , 37, 1647-1656	2.2	13
149	Clinical genome sequencing uncovers potentially targetable truncations and fusions of MAP3K8 in spitzoid and other melanomas. <i>Nature Medicine</i> , <b>2019</b> , 25, 597-602	50.5	36
148	Analysis of error profiles in deep next-generation sequencing data. <i>Genome Biology</i> , <b>2019</b> , 20, 50	18.3	98
147	H3.3 K27M depletion increases differentiation and extends latency of diffuse intrinsic pontine glioma growth in vivo. <i>Acta Neuropathologica</i> , <b>2019</b> , 137, 637-655	14.3	43
146	Association of Germline BRCA2 Mutations With the Risk of Pediatric or Adolescent Non-Hodgkin Lymphoma. <i>JAMA Oncology</i> , <b>2019</b> , 5, 1362-1364	13.4	10
145	VCF2CNA: A tool for efficiently detecting copy-number alterations in VCF genotype data and tumor purity. <i>Scientific Reports</i> , <b>2019</b> , 9, 10357	4.9	3

144	Long-read sequencing unveils IGH-DUX4 translocation into the silenced IGH allele in B-cell acute lymphoblastic leukemia. <i>Nature Communications</i> , <b>2019</b> , 10, 2789	17.4	8
143	Pediatric patients with acute lymphoblastic leukemia generate abundant and functional neoantigen-specific CD8 T cell responses. <i>Science Translational Medicine</i> , <b>2019</b> , 11,	17.5	43
142	Enrichment of heterozygous germline loss-of-function variants in pediatric osteosarcoma. <i>Journal of Physical Education and Sports Management</i> , <b>2019</b> , 5,	2.8	12
141	Integrative Analysis of Pediatric Acute Leukemia Identifies Immature Subtypes That Span a T Lineage and Myeloid Continuum with Distinct Prognoses. <i>Blood</i> , <b>2019</b> , 134, 918-918	2.2	0
140	Comprehensive Genomic Profiling of Pediatric Therapy-Related Myeloid Neoplasms Identifies Mecom Dysregulation to be Associated with Poor Outcome. <i>Blood</i> , <b>2019</b> , 134, 1394-1394	2.2	1
139	Genome-wide association study using whole-genome sequencing to identify a novel locus associated with cardiomyopathy risk in adult survivors of childhood cancer: Utility of a two-stage analytic approach.. <i>Journal of Clinical Oncology</i> , <b>2019</b> , 37, 1516-1516	2.2	
138	Real-time sharing of comprehensive clinical genomics sequencing data in St. Jude Cloud.. <i>Journal of Clinical Oncology</i> , <b>2019</b> , 37, 10019-10019	2.2	
137	Polygenic risk of subsequent thyroid cancer after childhood cancer: A report from St. Jude lifetime cohort (SJLIFE) and Childhood Cancer Survivor Study (CCSS).. <i>Journal of Clinical Oncology</i> , <b>2019</b> , 37, 10060-10060	2.2	2
136	Gene expression signature associated with in vitro dexamethasone resistance and post-induction minimal residual disease in pediatric T-cell acute lymphoblastic leukemia.. <i>Journal of Clinical Oncology</i> , <b>2019</b> , 37, 10033-10033	2.2	
135	The Genomic Landscape of Childhood Acute Lymphoblastic Leukemia. <i>Blood</i> , <b>2019</b> , 134, 649-649	2.2	2
134	Pathologic Characteristics of Spitz Melanoma With MAP3K8 Fusion or Truncation in a Pediatric Cohort. <i>American Journal of Surgical Pathology</i> , <b>2019</b> , 43, 1631-1637	6.7	8
133	Whole-Genome Sequencing of Childhood Cancer Survivors Treated with Cranial Radiation Therapy Identifies 5p15.33 Locus for Stroke: A Report from the St. Jude Lifetime Cohort Study. <i>Clinical Cancer Research</i> , <b>2019</b> , 25, 6700-6708	12.9	6
132	Forty-five patient-derived xenografts capture the clinical and biological heterogeneity of Wilms tumor. <i>Nature Communications</i> , <b>2019</b> , 10, 5806	17.4	7
131	Histone H3.3 K27M Accelerates Spontaneous Brainstem Glioma and Drives Restricted Changes in Bivalent Gene Expression. <i>Cancer Cell</i> , <b>2019</b> , 35, 140-155.e7	24.3	109
130	PAX5-driven subtypes of B-progenitor acute lymphoblastic leukemia. <i>Nature Genetics</i> , <b>2019</b> , 51, 296-307	36.3	189
129	Structure and evolution of double minutes in diagnosis and relapse brain tumors. <i>Acta Neuropathologica</i> , <b>2019</b> , 137, 123-137	14.3	32
128	The landscape of genomic alterations across childhood cancers. <i>Nature</i> , <b>2018</b> , 555, 321-327	50.4	603
127	Pan-cancer genome and transcriptome analyses of 1,699 paediatric leukaemias and solid tumours. <i>Nature</i> , <b>2018</b> , 555, 371-376	50.4	380

126	A High-risk Haplotype for Premature Menopause in Childhood Cancer Survivors Exposed to Gonadotoxic Therapy. <i>Journal of the National Cancer Institute</i> , <b>2018</b> , 110, 895-904	9.7	13
125	Drives a Subset of High-Risk Pediatric Neuroblastomas and Is Activated through Mechanisms Including Enhancer Hijacking and Focal Enhancer Amplification. <i>Cancer Discovery</i> , <b>2018</b> , 8, 320-335	24.4	98
124	Germline Lysine-Specific Demethylase 1 ( ) Mutations Confer Susceptibility to Multiple Myeloma. <i>Cancer Research</i> , <b>2018</b> , 78, 2747-2759	10.1	32
123	Identification of compound heterozygous variants in OPTN in an ALS-FTD patient from the CREAtE consortium: a case report. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , <b>2018</b> , 19, 469-471	3.6	12
122	Genomic and outcome analyses of Ph-like ALL in NCI standard-risk patients: a report from the Children's Oncology Group. <i>Blood</i> , <b>2018</b> , 132, 815-824	2.2	58
121	Spectrum and prevalence of genetic predisposition in medulloblastoma: a retrospective genetic study and prospective validation in a clinical trial cohort. <i>Lancet Oncology, The</i> , <b>2018</b> , 19, 785-798	21.7	159
120	Identification of Therapeutic Targets in Rhabdomyosarcoma through Integrated Genomic, Epigenomic, and Proteomic Analyses. <i>Cancer Cell</i> , <b>2018</b> , 34, 411-426.e19	24.3	67
119	Molecular heterogeneity and CXorf67 alterations in posterior fossa group A (PFA) ependymomas. <i>Acta Neuropathologica</i> , <b>2018</b> , 136, 211-226	14.3	111
118	Data Access and Interactive Visualization of Whole Genome Sequence of Sickle Cell Patients within the St. Jude Cloud. <i>Blood</i> , <b>2018</b> , 132, 723-723	2.2	2
117	Precision Medicine for Sickle Cell Disease through Whole Genome Sequencing. <i>Blood</i> , <b>2018</b> , 132, 3641-3641	2.2	2
116	Characterization of Novel Subtypes in B Progenitor Acute Lymphoblastic Leukemia. <i>Blood</i> , <b>2018</b> , 132, 565-565	2.2	1
115	Mutational Landscape and Temporal Evolution during Treatment of Relapsed Acute Lymphoblastic Leukemia. <i>Blood</i> , <b>2018</b> , 132, 917-917	2.2	
114	The molecular landscape of pediatric acute myeloid leukemia reveals recurrent structural alterations and age-specific mutational interactions. <i>Nature Medicine</i> , <b>2018</b> , 24, 103-112	50.5	272
113	Genetic Risk for Subsequent Neoplasms Among Long-Term Survivors of Childhood Cancer. <i>Journal of Clinical Oncology</i> , <b>2018</b> , 36, 2078-2087	2.2	60
112	Premature Physiologic Aging as a Paradigm for Understanding Increased Risk of Adverse Health Across the Lifespan of Survivors of Childhood Cancer. <i>Journal of Clinical Oncology</i> , <b>2018</b> , 36, 2206-2215	2.2	51
111	Clinical cancer genomic profiling by three-platform sequencing of whole genome, whole exome and transcriptome. <i>Nature Communications</i> , <b>2018</b> , 9, 3962	17.4	88
110	Polygenic Determinants for Subsequent Breast Cancer Risk in Survivors of Childhood Cancer: The St Jude Lifetime Cohort Study (SJLIFE). <i>Clinical Cancer Research</i> , <b>2018</b> , 24, 6230-6235	12.9	11
109	The genetic basis and cell of origin of mixed phenotype acute leukaemia. <i>Nature</i> , <b>2018</b> , 562, 373-379	50.4	140

108	Inhibition of SF3B1 by molecules targeting the spliceosome results in massive aberrant exon skipping. <i>Rna</i> , <b>2018</b> , 24, 1056-1066	5.8	18
107	Pediatric non-Down syndrome acute megakaryoblastic leukemia is characterized by distinct genomic subsets with varying outcomes. <i>Nature Genetics</i> , <b>2017</b> , 49, 451-456	36.3	84
106	Small genomic insertions form enhancers that misregulate oncogenes. <i>Nature Communications</i> , <b>2017</b> , 8, 14385	17.4	46
105	High Frequency and Poor Outcome of Philadelphia Chromosome-Like Acute Lymphoblastic Leukemia in Adults. <i>Journal of Clinical Oncology</i> , <b>2017</b> , 35, 394-401	2.2	227
104	Targetable kinase gene fusions in high-risk B-ALL: a study from the Children's Oncology Group. <i>Blood</i> , <b>2017</b> , 129, 3352-3361	2.2	168
103	The Dynamic Epigenetic Landscape of the Retina During Development, Reprogramming, and Tumorigenesis. <i>Neuron</i> , <b>2017</b> , 94, 550-568.e10	13.9	133
102	Clear cell sarcoma of kidney involving a horseshoe kidney and harboring EGFR internal tandem duplication. <i>Pediatric Blood and Cancer</i> , <b>2017</b> , 64, e26602	3	9
101	The neoepitope landscape in pediatric cancers. <i>Genome Medicine</i> , <b>2017</b> , 9, 78	14.4	51
100	Orthotopic patient-derived xenografts of paediatric solid tumours. <i>Nature</i> , <b>2017</b> , 549, 96-100	50.4	144
99	The whole-genome landscape of medulloblastoma subtypes. <i>Nature</i> , <b>2017</b> , 547, 311-317	50.4	472
98	The genomic landscape of pediatric and young adult T-lineage acute lymphoblastic leukemia. <i>Nature Genetics</i> , <b>2017</b> , 49, 1211-1218	36.3	430
97	PTEN Signaling in the Postnatal Perivascular Progenitor Niche Drives Medulloblastoma Formation. <i>Cancer Research</i> , <b>2017</b> , 77, 123-133	10.1	14
96	Exome sequencing analysis of murine medulloblastoma models identifies WDR11 as a potential tumor suppressor in Group 3 tumors. <i>Oncotarget</i> , <b>2017</b> , 8, 64685-64697	3.3	4
95	A high-risk genetic profile for premature menopause (PM) in childhood cancer survivors (CCS) exposed to gonadotoxic therapy: A report from the St. Jude Lifetime Cohort (SJLIFE) and Childhood Cancer Survivor Study (CCSS).. <i>Journal of Clinical Oncology</i> , <b>2017</b> , 35, 10502-10502	2.2	1
94	Custom Gene Capture and Next-Generation Sequencing to Resolve Discordant ALK Status by FISH and IHC in Lung Adenocarcinoma. <i>Journal of Thoracic Oncology</i> , <b>2016</b> , 11, 1891-1900	8.9	30
93	Deregulation of DUX4 and ERG in acute lymphoblastic leukemia. <i>Nature Genetics</i> , <b>2016</b> , 48, 1481-1489	36.3	145
92	The genomic landscape of core-binding factor acute myeloid leukemias. <i>Nature Genetics</i> , <b>2016</b> , 48, 1551-1556	36.3	147
91	Genetic alterations in uncommon low-grade neuroepithelial tumors: BRAF, FGFR1, and MYB mutations occur at high frequency and align with morphology. <i>Acta Neuropathologica</i> , <b>2016</b> , 131, 833-45	14.3	209

90	The landscape of fusion transcripts in spitzoid melanoma and biologically indeterminate spitzoid tumors by RNA sequencing. <i>Modern Pathology</i> , <b>2016</b> , 29, 359-69	9.8	44
89	Truncating Erythropoietin Receptor Rearrangements in Acute Lymphoblastic Leukemia. <i>Cancer Cell</i> , <b>2016</b> , 29, 186-200	24.3	92
88	Pigment-Synthesizing Melanocytic Neoplasm With Protein Kinase C Alpha (PRKCA) Fusion. <i>JAMA Dermatology</i> , <b>2016</b> , 152, 318-22	5.1	24
87	Exploring genomic alteration in pediatric cancer using ProteinPaint. <i>Nature Genetics</i> , <b>2016</b> , 48, 4-6	36.3	163
86	Resistant T-Cell Acute Lymphoblastic Leukemias That Emerge after In Vivo Treatment with Dexamethasone Frequently Down-Regulate Glucocorticoid Receptor Protein Expression. <i>Blood</i> , <b>2016</b> , 128, 753-753	2.2	2
85	Prevalence of RNA Editing Events Affecting Coding Regions in Pediatric Leukemia. <i>Blood</i> , <b>2016</b> , 128, 3928-3928	2.2	
84	Cancer-associated DDX3X mutations drive stress granule assembly and impair global translation. <i>Scientific Reports</i> , <b>2016</b> , 6, 25996	4.9	75
83	JUMPG: An Integrative Proteogenomics Pipeline Identifying Unannotated Proteins in Human Brain and Cancer Cells. <i>Journal of Proteome Research</i> , <b>2016</b> , 15, 2309-20	5.6	52
82	Genomic Profiling of Adult and Pediatric B-cell Acute Lymphoblastic Leukemia. <i>EBioMedicine</i> , <b>2016</b> , 8, 173-183	8.8	169
81	The genomic landscape of childhood and adolescent melanoma. <i>Journal of Investigative Dermatology</i> , <b>2015</b> , 135, 816-823	4.3	121
80	Genomic landscape of paediatric adrenocortical tumours. <i>Nature Communications</i> , <b>2015</b> , 6, 6302	17.4	116
79	Inherited coding variants at the CDKN2A locus influence susceptibility to acute lymphoblastic leukaemia in children. <i>Nature Communications</i> , <b>2015</b> , 6, 7553	17.4	51
78	Mammalian adaptation of influenza A(H7N9) virus is limited by a narrow genetic bottleneck. <i>Nature Communications</i> , <b>2015</b> , 6, 6553	17.4	70
77	Cross-Species Genomics Identifies TAF12, NFYC, and RAD54L as Choroid Plexus Carcinoma Oncogenes. <i>Cancer Cell</i> , <b>2015</b> , 27, 712-27	24.3	55
76	Rise and fall of subclones from diagnosis to relapse in pediatric B-acute lymphoblastic leukaemia. <i>Nature Communications</i> , <b>2015</b> , 6, 6604	17.4	215
75	The landscape of somatic mutations in infant MLL-rearranged acute lymphoblastic leukemias. <i>Nature Genetics</i> , <b>2015</b> , 47, 330-7	36.3	303
74	CONSERTING: integrating copy-number analysis with structural-variation detection. <i>Nature Methods</i> , <b>2015</b> , 12, 527-30	21.6	56
73	Negative feedback-defective PRPS1 mutants drive thiopurine resistance in relapsed childhood ALL. <i>Nature Medicine</i> , <b>2015</b> , 21, 563-71	50.5	106

72	Germline genetic variation in ETV6 and risk of childhood acute lymphoblastic leukaemia: a systematic genetic study. <i>Lancet Oncology, The</i> , <b>2015</b> , 16, 1659-66	21.7	123
71	Outcome of children with hypodiploid ALL treated with risk-directed therapy based on MRD levels. <i>Blood</i> , <b>2015</b> , 126, 2896-9	2.2	62
70	PAX5 is a tumor suppressor in mouse mutagenesis models of acute lymphoblastic leukemia. <i>Blood</i> , <b>2015</b> , 125, 3609-17	2.2	56
69	MAPK signaling cascades mediate distinct glucocorticoid resistance mechanisms in pediatric leukemia. <i>Blood</i> , <b>2015</b> , 126, 2202-12	2.2	75
68	Germline ETV6 Mutations Confer Susceptibility to Acute Lymphoblastic Leukemia and Thrombocytopenia. <i>PLoS Genetics</i> , <b>2015</b> , 11, e1005262	6	99
67	The Genomic Contributions of Avian H1N1 Influenza A Viruses to the Evolution of Mammalian Strains. <i>PLoS ONE</i> , <b>2015</b> , 10, e0133795	3.7	7
66	Germline Mutations in Predisposition Genes in Pediatric Cancer. <i>New England Journal of Medicine</i> , <b>2015</b> , 373, 2336-2346	59.2	641
65	High Frequency and Poor Outcome of Ph-like Acute Lymphoblastic Leukemia in Adults. <i>Blood</i> , <b>2015</b> , 126, 2618-2618	2.2	4
64	De Novo Purine Biosynthesis in Drug Resistance and Tumor Relapse of Childhood ALL. <i>Blood</i> , <b>2015</b> , 126, 2627-2627	2.2	1
63	The Genomic Landscape of Childhood T-Lineage Acute Lymphoblastic Leukemia. <i>Blood</i> , <b>2015</b> , 126, 691-692	2.2	3
62	Expression of an Oncogenic ERG isoform Characterizes a Distinct Subtype of B-Progenitor Acute Lymphoblastic Leukemia. <i>Blood</i> , <b>2015</b> , 126, 693-693	2.2	1
61	Mixed Lineage Leukemia Rearrangements (MLL-R) Are Determinants of High Risk Disease in Homeobox A (HOXA)-deregulated T-Lineage Acute Lymphoblastic Leukemia: A Children's Oncology Group Study. <i>Blood</i> , <b>2015</b> , 126, 694-694	2.2	1
60	Genomic Landscape of Relapsed Acute Lymphoblastic Leukemia. <i>Blood</i> , <b>2015</b> , 126, 692-692	2.2	1
59	Next Generation Sequencing Identifies a Novel Subset of Non-Down Syndrome Acute Megakaryoblastic Leukemia Characterized By Chimeric Transcripts Involving HOX Cluster Genes. <i>Blood</i> , <b>2015</b> , 126, 171-171	2.2	
58	Germline Genetic Variation in ETV6 and Predisposition to Childhood Acute Lymphoblastic Leukemia. <i>Blood</i> , <b>2015</b> , 126, 695-695	2.2	
57	C11orf95-RELA fusions drive oncogenic NF- $\kappa$ B signalling in ependymoma. <i>Nature</i> , <b>2014</b> , 506, 451-5	50.4	459
56	Genomic landscape of Ewing sarcoma defines an aggressive subtype with co-association of STAG2 and TP53 mutations. <i>Cancer Discovery</i> , <b>2014</b> , 4, 1342-53	24.4	310
55	Genomic Resource Projects <b>2014</b> , 153-171		

54	Caspase-8 mediates caspase-1 processing and innate immune defense in response to bacterial blockade of NF- $\kappa$ B and MAPK signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 7385-90	11.5	162
53	Targetable kinase-activating lesions in Ph-like acute lymphoblastic leukemia. <i>New England Journal of Medicine</i> , <b>2014</b> , 371, 1005-15	59.2	885
52	The most informative spacing test effectively discovers biologically relevant outliers or multiple modes in expression. <i>Bioinformatics</i> , <b>2014</b> , 30, 1400-8	7.2	8
51	The genomic landscape of diffuse intrinsic pontine glioma and pediatric non-brainstem high-grade glioma. <i>Nature Genetics</i> , <b>2014</b> , 46, 444-450	36.3	659
50	Recurrent somatic structural variations contribute to tumorigenesis in pediatric osteosarcoma. <i>Cell Reports</i> , <b>2014</b> , 7, 104-12	10.6	423
49	Survival analysis of infected mice reveals pathogenic variations in the genome of avian H1N1 viruses. <i>Scientific Reports</i> , <b>2014</b> , 4, 7455	4.9	11
48	C11ORF95-RELA FUSIONS DRIVE ONCOGENIC NF-KB SIGNALING IN EPENDYMOMA. <i>Neuro-Oncology</i> , <b>2014</b> , 16, iii16-iii16	1	78
47	The landscape of somatic mutations in epigenetic regulators across 1,000 paediatric cancer genomes. <i>Nature Communications</i> , <b>2014</b> , 5, 3630	17.4	263
46	Incidence of Germline Mutations in Cancer-Predisposition Genes in Children with Hematologic Malignancies: a Report from the Pediatric Cancer Genome Project. <i>Blood</i> , <b>2014</b> , 124, 127-127	2.2	7
45	Molecular analysis of solid tumors (MAST): A protocol for comprehensive preclinical evaluation of pediatric solid tumors.. <i>Journal of Clinical Oncology</i> , <b>2014</b> , 32, 10036-10036	2.2	
44	Cryptic Truncating Rearrangements of the Erythropoietin Receptor in Ph-like Acute Lymphoblastic Leukemia. <i>Blood</i> , <b>2014</b> , 124, 128-128	2.2	
43	A recurrent germline PAX5 mutation confers susceptibility to pre-B cell acute lymphoblastic leukemia. <i>Nature Genetics</i> , <b>2013</b> , 45, 1226-1231	36.3	205
42	Global chromatin profiling reveals NSD2 mutations in pediatric acute lymphoblastic leukemia. <i>Nature Genetics</i> , <b>2013</b> , 45, 1386-91	36.3	192
41	Targeting oxidative stress in embryonal rhabdomyosarcoma. <i>Cancer Cell</i> , <b>2013</b> , 24, 710-24	24.3	182
40	Whole-genome sequencing identifies genetic alterations in pediatric low-grade gliomas. <i>Nature Genetics</i> , <b>2013</b> , 45, 602-12	36.3	562
39	A genomic random interval model for statistical analysis of genomic lesion data. <i>Bioinformatics</i> , <b>2013</b> , 29, 2088-95	7.2	13
38	Novel oncogenic PDGFRA mutations in pediatric high-grade gliomas. <i>Cancer Research</i> , <b>2013</b> , 73, 6219-2910.1	10.1	148
37	The genomic landscape of hypodiploid acute lymphoblastic leukemia. <i>Nature Genetics</i> , <b>2013</b> , 45, 242-52	36.3	474

36	Genomic Characterization and Experimental Modeling Of BCR-ABL1-Like Acute Lymphoblastic Leukemia. <i>Blood</i> , <b>2013</b> , 122, 232-232	2.2	6
35	Comparison Of Mutational Profiles Of Diagnosis and Relapsed Pediatric B-Acute Lymphoblastic Leukemia: A Report From The COG ALL Target Project. <i>Blood</i> , <b>2013</b> , 122, 824-824	2.2	3
34	Integrated Genomic and Mutational Profiling Of Adolescent and Young Adult ALL Identifies a High Frequency Of BCR-ABL1-Like ALL with Very Poor Outcome. <i>Blood</i> , <b>2013</b> , 122, 825-825	2.2	4
33	Development and Validation Of a Highly Sensitive and Specific Gene Expression Classifier To Prospectively Screen and Identify B-Precursor Acute Lymphoblastic Leukemia (ALL) Patients With a Philadelphia Chromosome-Like (Ph-like) Signature For Therapeutic Targeting and Clinical Intervention. <i>Blood</i> , <b>2013</b> , 122, 826-826	2.2	45
32	Genomic- and Transcriptomic Profiling Of Acute Lymphoblastic Leukemia With Dicentric Chromosomes. <i>Blood</i> , <b>2013</b> , 122, 234-234	2.2	1
31	Clonal Diversity Analysis Of Integrating Vector Transduced Hematopoietic Cells Using LAM-PCR Followed By Illumina-Based Next-Generation Sequencing Is Affected By False Positivity That Arises From Both Reaction Biochemistry and Bioinformatic Analysis. <i>Blood</i> , <b>2013</b> , 122, 1662-1662	2.2	
30	An Inv(16)(p13.3q24.3)-encoded CBFA2T3-GLIS2 fusion protein defines an aggressive subtype of pediatric acute megakaryoblastic leukemia. <i>Cancer Cell</i> , <b>2012</b> , 22, 683-97	24.3	161
29	Assessing telomeric DNA content in pediatric cancers using whole-genome sequencing data. <i>Genome Biology</i> , <b>2012</b> , 13, R113	18.3	28
28	Genetic alterations activating kinase and cytokine receptor signaling in high-risk acute lymphoblastic leukemia. <i>Cancer Cell</i> , <b>2012</b> , 22, 153-66	24.3	515
27	Somatic histone H3 alterations in pediatric diffuse intrinsic pontine gliomas and non-brainstem glioblastomas. <i>Nature Genetics</i> , <b>2012</b> , 44, 251-3	36.3	1081
26	The Pediatric Cancer Genome Project. <i>Nature Genetics</i> , <b>2012</b> , 44, 619-22	36.3	239
25	The genetic basis of early T-cell precursor acute lymphoblastic leukaemia. <i>Nature</i> , <b>2012</b> , 481, 157-63	50.4	1163
24	A novel retinoblastoma therapy from genomic and epigenetic analyses. <i>Nature</i> , <b>2012</b> , 481, 329-34	50.4	364
23	Novel mutations target distinct subgroups of medulloblastoma. <i>Nature</i> , <b>2012</b> , 488, 43-8	50.4	590
22	Association of age at diagnosis and genetic mutations in patients with neuroblastoma. <i>JAMA - Journal of the American Medical Association</i> , <b>2012</b> , 307, 1062-71	27.4	289
21	Use of whole genome sequencing to identify novel mutations in distinct subgroups of medulloblastoma. <i>Journal of Clinical Oncology</i> , <b>2012</b> , 30, 9518-9518	2.2	
20	CREST maps somatic structural variation in cancer genomes with base-pair resolution. <i>Nature Methods</i> , <b>2011</b> , 8, 652-4	21.6	396
19	Key pathways are frequently mutated in high-risk childhood acute lymphoblastic leukemia: a report from the Children's Oncology Group. <i>Blood</i> , <b>2011</b> , 118, 3080-7	2.2	218

18	CREBBP mutations in relapsed acute lymphoblastic leukaemia. <i>Nature</i> , <b>2011</b> , 471, 235-9	50.4	468
17	Bambino: a variant detector and alignment viewer for next-generation sequencing data in the SAM/BAM format. <i>Bioinformatics</i> , <b>2011</b> , 27, 865-6	7.2	82
16	Whole Genome Sequence Analysis of 22 MLL Rearranged Infant Acute Lymphoblastic Leukemias Reveals Remarkably Few Somatic Mutations: A Report From the St Jude Children's Research Hospital - Washington University Pediatric Cancer Genome Project. <i>Blood</i> , <b>2011</b> , 118, 69-69	2.2	3
15	A BCR-ABL1-Like Gene Expression Profile Confers a Poor Prognosis In Patients with High-Risk Acute Lymphoblastic Leukemia (HR-ALL): A Report From Children's Oncology Group (COG) AALL0232. <i>Blood</i> , <b>2011</b> , 118, 743-743	2.2	1
14	Transcriptome Sequence Analysis of Pediatric Acute Megakaryoblastic Leukemia Identifies An Inv(16)(p13.3;q24.3)-Encoded CBFA2T3-GLIS2 Fusion Protein As a Recurrent Lesion in 39% of Non-Infant Cases: A Report From the St. Jude Children's Research Hospital Washington University Pediatric Cancer Genome Project. <i>Blood</i> , <b>2011</b> , 118, 757-757	2.2	
13	Novel Chromosomal Rearrangements and Sequence Mutations in High-Risk Ph-Like Acute Lymphoblastic Leukemia. <i>Blood</i> , <b>2011</b> , 118, 67-67	2.2	
12	Discovery of Novel Recurrent Mutations in Childhood Early T-Cell Precursor Acute Lymphoblastic Leukemia by Whole Genome Sequencing - a Report From the St Jude Children's Research Hospital - Washington University Pediatric Cancer Genome Project. <i>Blood</i> , <b>2011</b> , 118, 68-68	2.2	
11	Lack of Somatic Sequence Mutations In Protein Tyrosine Kinase Genes Other Than the JAK Kinase Family In High Risk B-Precursor Childhood Acute Lymphoblastic Leukemia (ALL): A Report From the Children's Oncology Group (COG) High-Risk (HR) ALL TARGET Project. <i>Blood</i> , <b>2010</b> , 116, 2752-2752	2.2	2
10	Genome-Wide Analysis of Genetic Alterations In Hypodiploid Acute Lymphoblastic Leukemia Identifies a High Frequency of Mutations Targeting the IKAROS Gene Family and Ras Signaling. <i>Blood</i> , <b>2010</b> , 116, 411-411	2.2	3
9	CREBBP Mutations In Relapsed Acute Lymphoblastic Leukemia. <i>Blood</i> , <b>2010</b> , 116, 413-413	2.2	
8	IDH1 and IDH2 Mutations In Pediatric Acute Myeloid Leukemia. <i>Blood</i> , <b>2010</b> , 116, 1699-1699	2.2	
7	JAK mutations in high-risk childhood acute lymphoblastic leukemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 9414-8	11.5	446
6	Genomic analysis reveals few genetic alterations in pediatric acute myeloid leukemia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 12944-9	11.5	143
5	Rearrangement of CRLF2 in B-progenitor- and Down syndrome-associated acute lymphoblastic leukemia. <i>Nature Genetics</i> , <b>2009</b> , 41, 1243-6	36.3	465
4	Deletion of IKZF1 and prognosis in acute lymphoblastic leukemia. <i>New England Journal of Medicine</i> , <b>2009</b> , 360, 470-80	59.2	1030
3	St. Jude Cloud's Pediatric Cancer Genomic Data Sharing Ecosystem		1
2	Patient-Derived Orthotopic Xenografts and Cell Lines from Pediatric High-Grade Glioma Recapitulate the Heterogeneity of Histopathology, Molecular Signatures, and Drug Response		1
1	XenoCP: Cloud-based BAM cleansing tool for RNA and DNA from Xenograft		3

