

# Nada Jabado

## List of Publications by Year in descending order

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239  
papers

34,779  
citations

5430

85  
h-index

4414

178  
g-index

248  
all docs

248  
docs citations

248  
times ranked

33699  
citing authors

#	ARTICLE	IF	CITATIONS
1	Driver mutations in histone H3.3 and chromatin remodelling genes in paediatric glioblastoma. <i>Nature</i> , 2012, 482, 226-231.	13.7	2,129
2	DNA methylation-based classification of central nervous system tumours. <i>Nature</i> , 2018, 555, 469-474.	13.7	1,872
3	Hotspot Mutations in H3F3A and IDH1 Define Distinct Epigenetic and Biological Subgroups of Glioblastoma. <i>Cancer Cell</i> , 2012, 22, 425-437.	7.7	1,551
4	Intertumoral Heterogeneity within Medulloblastoma Subgroups. <i>Cancer Cell</i> , 2017, 31, 737-754.e6.	7.7	836
5	K27M mutation in histone H3.3 defines clinically and biologically distinct subgroups of pediatric diffuse intrinsic pontine gliomas. <i>Acta Neuropathologica</i> , 2012, 124, 439-447.	3.9	799
6	The whole-genome landscape of medulloblastoma subtypes. <i>Nature</i> , 2017, 547, 311-317.	13.7	787
7	Dissecting the genomic complexity underlying medulloblastoma. <i>Nature</i> , 2012, 488, 100-105.	13.7	765
8	Subgroup-specific structural variation across 1,000 medulloblastoma genomes. <i>Nature</i> , 2012, 488, 49-56.	13.7	761
9	Genome Sequencing of Pediatric Medulloblastoma Links Catastrophic DNA Rearrangements with TP53 Mutations. <i>Cell</i> , 2012, 148, 59-71.	13.5	743
10	Integrated Molecular Meta-Analysis of 1,000 Pediatric High-Grade and Diffuse Intrinsic Pontine Glioma. <i>Cancer Cell</i> , 2017, 32, 520-537.e5.	7.7	716
11	New Brain Tumor Entities Emerge from Molecular Classification of CNS-PNETs. <i>Cell</i> , 2016, 164, 1060-1072.	13.5	702
12	Immune Checkpoint Inhibition for Hypermutant Glioblastoma Multiforme Resulting From Germline Biallelic Mismatch Repair Deficiency. <i>Journal of Clinical Oncology</i> , 2016, 34, 2206-2211.	0.8	692
13	Recurrent somatic alterations of FGFR1 and NTRK2 in pilocytic astrocytoma. <i>Nature Genetics</i> , 2013, 45, 927-932.	9.4	674
14	Reduced H3K27me3 and DNA Hypomethylation Are Major Drivers of Gene Expression in K27M Mutant Pediatric High-Grade Gliomas. <i>Cancer Cell</i> , 2013, 24, 660-672.	7.7	633
15	Genome Sequencing of SHH Medulloblastoma Predicts Genotype-Related Response to Smoothed Inhibition. <i>Cancer Cell</i> , 2014, 25, 393-405.	7.7	627
16	Phosphoinositide 3-Kinase Î³ Gene Mutation Predisposes to Respiratory Infection and Airway Damage. <i>Science</i> , 2013, 342, 866-871.	6.0	541
17	Epigenomic alterations define lethal CIMP-positive ependymomas of infancy. <i>Nature</i> , 2014, 506, 445-450.	13.7	521
18	Paediatric and adult glioblastoma: multiform (epi)genomic culprits emerge. <i>Nature Reviews Cancer</i> , 2014, 14, 92-107.	12.8	469

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19	Atypical Teratoid/Rhabdoid Tumors Are Comprised of Three Epigenetic Subgroups with Distinct Enhancer Landscapes. <i>Cancer Cell</i> , 2016, 29, 379-393.	7.7	438
20	Griscelli disease maps to chromosome 15q21 and is associated with mutations in the Myosin-Va gene. <i>Nature Genetics</i> , 1997, 16, 289-292.	9.4	419
21	Subgroup-Specific Prognostic Implications of TP53 Mutation in Medulloblastoma. <i>Journal of Clinical Oncology</i> , 2013, 31, 2927-2935.	0.8	381
22	Recurrent somatic mutations in ACVR1 in pediatric midline high-grade astrocytoma. <i>Nature Genetics</i> , 2014, 46, 462-466.	9.4	381
23	Frequent ATRX mutations and loss of expression in adult diffuse astrocytic tumors carrying IDH1/IDH2 and TP53 mutations. <i>Acta Neuropathologica</i> , 2012, 124, 615-625.	3.9	376
24	Clonal selection drives genetic divergence of metastatic medulloblastoma. <i>Nature</i> , 2012, 482, 529-533.	13.7	376
25	Natural Resistance to Intracellular Infections. <i>Journal of Experimental Medicine</i> , 2000, 192, 1237-1248.	4.2	354
26	The histone mark H3K36me2 recruits DNMT3A and shapes the intergenic DNA methylation landscape. <i>Nature</i> , 2019, 573, 281-286.	13.7	338
27	Histone H3K36 mutations promote sarcomagenesis through altered histone methylation landscape. <i>Science</i> , 2016, 352, 844-849.	6.0	327
28	Utility of whole-exome sequencing for those near the end of the diagnostic odyssey: time to address gaps in care. <i>Clinical Genetics</i> , 2016, 89, 275-284.	1.0	323
29	What can exome sequencing do for you?. <i>Journal of Medical Genetics</i> , 2011, 48, 580-589.	1.5	321
30	Recurrence patterns across medulloblastoma subgroups: an integrated clinical and molecular analysis. <i>Lancet Oncology</i> , The, 2013, 14, 1200-1207.	5.1	307
31	Childhood cerebellar tumours mirror conserved fetal transcriptional programs. <i>Nature</i> , 2019, 572, 67-73.	13.7	293
32	Early and prolonged intravenous immunoglobulin replacement therapy in childhood agammaglobulinemia: A retrospective survey of 31 patients. <i>Journal of Pediatrics</i> , 1999, 134, 589-596.	0.9	282
33	Integrated analysis of pediatric glioblastoma reveals a subset of biologically favorable tumors with associated molecular prognostic markers. <i>Acta Neuropathologica</i> , 2015, 129, 669-678.	3.9	277
34	Prognostic value of medulloblastoma extent of resection after accounting for molecular subgroup: a retrospective integrated clinical and molecular analysis. <i>Lancet Oncology</i> , The, 2016, 17, 484-495.	5.1	274
35	Spectrum and prevalence of genetic predisposition in medulloblastoma: a retrospective genetic study and prospective validation in a clinical trial cohort. <i>Lancet Oncology</i> , The, 2018, 19, 785-798.	5.1	268
36	Divergent clonal selection dominates medulloblastoma at recurrence. <i>Nature</i> , 2016, 529, 351-357.	13.7	266

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37	Cytogenetic Prognostication Within Medulloblastoma Subgroups. <i>Journal of Clinical Oncology</i> , 2014, 32, 886-896.	0.8	263
38	Mutations in SETD2 and genes affecting histone H3K36 methylation target hemispheric high-grade gliomas. <i>Acta Neuropathologica</i> , 2013, 125, 659-669.	3.9	250
39	Clinical, Radiologic, Pathologic, and Molecular Characteristics of Long-Term Survivors of Diffuse Intrinsic Pontine Glioma (DIPG): A Collaborative Report From the International and European Society for Pediatric Oncology DIPG Registries. <i>Journal of Clinical Oncology</i> , 2018, 36, 1963-1972.	0.8	250
40	Therapeutic and Prognostic Implications of BRAF V600E in Pediatric Low-Grade Gliomas. <i>Journal of Clinical Oncology</i> , 2017, 35, 2934-2941.	0.8	232
41	Frequency and Severity of Central Nervous System Lesions in Hemophagocytic Lymphohistiocytosis. <i>Blood</i> , 1997, 89, 794-800.	0.6	225
42	<i>BRAF-KIAA1549</i> Fusion Predicts Better Clinical Outcome in Pediatric Low-Grade Astrocytoma. <i>Clinical Cancer Research</i> , 2011, 17, 4790-4798.	3.2	219
43	Pediatric high-grade glioma: biologically and clinically in need of new thinking. <i>Neuro-Oncology</i> , 2017, 19, now101.	0.6	217
44	H3K27M induces defective chromatin spread of PRC2-mediated repressive H3K27me2/me3 and is essential for glioma tumorigenesis. <i>Nature Communications</i> , 2019, 10, 1262.	5.8	215
45	MYB-QKI rearrangements in angiocentric glioma drive tumorigenicity through a tripartite mechanism. <i>Nature Genetics</i> , 2016, 48, 273-282.	9.4	214
46	Oncogenic FAM131B-BRAF fusion resulting from 7q34 deletion comprises an alternative mechanism of MAPK pathway activation in pilocytic astrocytoma. <i>Acta Neuropathologica</i> , 2011, 121, 763-774.	3.9	211
47	Spatial and temporal homogeneity of driver mutations in diffuse intrinsic pontine glioma. <i>Nature Communications</i> , 2016, 7, 11185.	5.8	197
48	Pediatric and adult sonic hedgehog medulloblastomas are clinically and molecularly distinct. <i>Acta Neuropathologica</i> , 2011, 122, 231-240.	3.9	195
49	Impaired H3K36 methylation defines a subset of head and neck squamous cell carcinomas. <i>Nature Genetics</i> , 2017, 49, 180-185.	9.4	195
50	H3.3K27M Cooperates with Trp53 Loss and PDGFRA Gain in Mouse Embryonic Neural Progenitor Cells to Induce Invasive High-Grade Gliomas. <i>Cancer Cell</i> , 2017, 32, 684-700.e9.	7.7	192
51	Integrated (epi)-Genomic Analyses Identify Subgroup-Specific Therapeutic Targets in CNS Rhabdoid Tumors. <i>Cancer Cell</i> , 2016, 30, 891-908.	7.7	191
52	Molecular Profiling Identifies Prognostic Subgroups of Pediatric Glioblastoma and Shows Increased YB-1 Expression in Tumors. <i>Journal of Clinical Oncology</i> , 2007, 25, 1196-1208.	0.8	187
53	Central nervous system atypical teratoid rhabdoid tumours: The Canadian Paediatric Brain Tumour Consortium experience. <i>European Journal of Cancer</i> , 2012, 48, 353-359.	1.3	186
54	CTP synthase 1 deficiency in humans reveals its central role in lymphocyte proliferation. <i>Nature</i> , 2014, 510, 288-292.	13.7	174

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55	Nramp 2 (DCT1/DMT1) Expressed at the Plasma Membrane Transports Iron and Other Divalent Cations into a Calcein-accessible Cytoplasmic Pool. <i>Journal of Biological Chemistry</i> , 2000, 275, 35738-35745.	1.6	173
56	Therapeutic targeting of ependymoma as informed by oncogenic enhancer profiling. <i>Nature</i> , 2018, 553, 101-105.	13.7	170
57	Immunohistochemical analysis of H3K27me3 demonstrates global reduction in group-A childhood posterior fossa ependymoma and is a powerful predictor of outcome. <i>Acta Neuropathologica</i> , 2017, 134, 705-714.	3.9	168
58	Fusion of TTYH1 with the C19MC microRNA cluster drives expression of a brain-specific DNMT3B isoform in the embryonal brain tumor ETMR. <i>Nature Genetics</i> , 2014, 46, 39-44.	9.4	167
59	Duplication of 7q34 is specific to juvenile pilocytic astrocytomas and a hallmark of cerebellar and optic pathway tumours. <i>British Journal of Cancer</i> , 2009, 101, 722-733.	2.9	163
60	Therapeutic Impact of Cytoreductive Surgery and Irradiation of Posterior Fossa Ependymoma in the Molecular Era: A Retrospective Multicohort Analysis. <i>Journal of Clinical Oncology</i> , 2016, 34, 2468-2477.	0.8	160
61	Phase II Weekly Vinblastine for Chemotherapy-Naïve Children With Progressive Low-Grade Glioma: A Canadian Pediatric Brain Tumor Consortium Study. <i>Journal of Clinical Oncology</i> , 2016, 34, 3537-3543.	0.8	157
62	Germline HAVCR2 mutations altering TIM-3 characterize subcutaneous panniculitis-like T cell lymphomas with hemophagocytic lymphohistiocytic syndrome. <i>Nature Genetics</i> , 2018, 50, 1650-1657.	9.4	151
63	Human RTEL1 deficiency causes Hoyeraalâ€œHreidarsson syndrome with short telomeres and genome instability. <i>Human Molecular Genetics</i> , 2013, 22, 3239-3249.	1.4	150
64	Preclinical Evaluation of Radiation and Perifosine in a Genetically and Histologically Accurate Model of Brainstem Glioma. <i>Cancer Research</i> , 2010, 70, 2548-2557.	0.4	149
65	Molecular subgroups of atypical teratoid rhabdoid tumours in children: an integrated genomic and clinicopathological analysis. <i>Lancet Oncology</i> , The, 2015, 16, 569-582.	5.1	147
66	TERT promoter mutations are highly recurrent in SHH subgroup medulloblastoma. <i>Acta Neuropathologica</i> , 2013, 126, 917-929.	3.9	146
67	Germline and somatic FGFR1 abnormalities in dysembryoplastic neuroepithelial tumors. <i>Acta Neuropathologica</i> , 2016, 131, 847-863.	3.9	143
68	Pervasive H3K27 Acetylation Leads to ERV Expression and a Therapeutic Vulnerability in H3K27M Gliomas. <i>Cancer Cell</i> , 2019, 35, 782-797.e8.	7.7	143
69	PFA ependymoma-associated protein EZHIP inhibits PRC2 activity through a H3 K27M-like mechanism. <i>Nature Communications</i> , 2019, 10, 2146.	5.8	136
70	Stalled developmental programs at the root of pediatric brain tumors. <i>Nature Genetics</i> , 2019, 51, 1702-1713.	9.4	136
71	Invasive Pulmonary Infection Due to <i>Scedosporium apiospermum</i> in Two Children with Chronic Granulomatous Disease. <i>Clinical Infectious Diseases</i> , 1998, 27, 1437-1441.	2.9	135
72	Genetic Aberrations Leading to MAPK Pathway Activation Mediate Oncogene-Induced Senescence in Sporadic Pilocytic Astrocytomas. <i>Clinical Cancer Research</i> , 2011, 17, 4650-4660.	3.2	135

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73	A Recurrent PDGFRB Mutation Causes Familial Infantile Myofibromatosis. <i>American Journal of Human Genetics</i> , 2013, 92, 996-1000.	2.6	135
74	Linkage of Familial Hemophagocytic Lymphohistiocytosis to 10q21-22 and Evidence for Heterogeneity. <i>American Journal of Human Genetics</i> , 1999, 64, 172-179.	2.6	133
75	Recurrent noncoding U1ÂsnRNA mutations drive cryptic splicing in SHH medulloblastoma. <i>Nature</i> , 2019, 574, 707-711.	13.7	129
76	Whole-exome sequencing identifies Coronin-1A deficiency in 3 siblings with immunodeficiency and EBV-associated B-cell lymphoproliferation. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, 1594-1603.e9.	1.5	127
77	A multi-disciplinary consensus statement concerning surgical approaches to low-grade, high-grade astrocytomas and diffuse intrinsic pontine gliomas in childhood (CPN Paris 2011) using the Delphi method. <i>Neuro-Oncology</i> , 2013, 15, 462-468.	0.6	119
78	Unexpected allelic heterogeneity and spectrum of mutations in Fowler syndrome revealed by next-generation exome sequencing. <i>Human Mutation</i> , 2010, 31, 918-923.	1.1	116
79	Specific detection of methionine 27 mutation in histone 3 variants (H3K27M) in fixed tissue from high-grade astrocytomas. <i>Acta Neuropathologica</i> , 2014, 128, 733-741.	3.9	116
80	Pediatric low-grade gliomas: next biologically driven steps. <i>Neuro-Oncology</i> , 2018, 20, 160-173.	0.6	116
81	Treatment of Familial Hemophagocytic Lymphohistiocytosis With Bone Marrow Transplantation From HLA Genetically Nonidentical Donors. <i>Blood</i> , 1997, 90, 4743-4748.	0.6	112
82	Spatial heterogeneity in medulloblastoma. <i>Nature Genetics</i> , 2017, 49, 780-788.	9.4	112
83	FOXP3 Forkhead Domain Mutation and Regulatory T Cells in the IPEX Syndrome. <i>New England Journal of Medicine</i> , 2009, 361, 1710-1713.	13.9	105
84	New technologies for the detection of circulating tumour cells. <i>British Medical Bulletin</i> , 2010, 94, 49-64.	2.7	103
85	The molecular landscape of ETMR at diagnosis and relapse. <i>Nature</i> , 2019, 576, 274-280.	13.7	94
86	A phase 2 study of trametinib for patients with pediatric glioma or plexiform neurofibroma with refractory tumor and activation of the MAPK/ERK pathway: TRAM-01. <i>BMC Cancer</i> , 2019, 19, 1250.	1.1	93
87	Histone H3.3G34-Mutant Interneuron Progenitors Co-opt PDGFRA for Gliomagenesis. <i>Cell</i> , 2020, 183, 1617-1633.e22.	13.5	93
88	Diffuse intrinsic pontine gliomasâ€”current management and new biologic insights. Is there a glimmer of hope?. <i>Neuro-Oncology</i> , 2017, 19, 1025-1034.	0.6	91
89	Circulating tumor cells: detection, molecular profiling and future prospects. <i>Expert Review of Proteomics</i> , 2007, 4, 741-756.	1.3	90
90	Tissue factor expression provokes escape from tumor dormancy and leads to genomic alterations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 3544-3549.	3.3	90

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91	MLL5 Orchestrates a Cancer Self-Renewal State by Repressing the Histone Variant H3.3 and Globally Reorganizing Chromatin. <i>Cancer Cell</i> , 2015, 28, 715-729.	7.7	90
92	A new gene involved in DNA double-strand break repair and V(D)J recombination is located on human chromosome 10p. <i>Human Molecular Genetics</i> , 2000, 9, 583-588.	1.4	85
93	A Hematogenous Route for Medulloblastoma Leptomeningeal Metastases. <i>Cell</i> , 2018, 172, 1050-1062.e14.	13.5	85
94	Differential expression and methylation of brain developmental genes define location-specific subsets of pilocytic astrocytoma. <i>Acta Neuropathologica</i> , 2013, 126, 291-301.	3.9	84
95	Molecular Characterization of Choroid Plexus Tumors Reveals Novel Clinically Relevant Subgroups. <i>Clinical Cancer Research</i> , 2015, 21, 184-192.	3.2	84
96	H3 K27M and EZHIP Impede H3K27-Methylation Spreading by Inhibiting Allosterically Stimulated PRC2. <i>Molecular Cell</i> , 2020, 80, 726-735.e7.	4.5	83
97	Attitudes of parents toward the return of targeted and incidental genomic research findings in children. <i>Genetics in Medicine</i> , 2014, 16, 633-640.	1.1	82
98	Metabolic Regulation of the Epigenome Drives Lethal Infantile Ependymoma. <i>Cell</i> , 2020, 181, 1329-1345.e24.	13.5	79
99	Severe combined immunodeficiency caused by deficiency in either the $\hat{\nu}$ or the $\hat{\mu}$ subunit of CD3. <i>Journal of Clinical Investigation</i> , 2004, 114, 1512-1517.	3.9	78
100	Trametinib for progressive pediatric low-grade gliomas. <i>Journal of Neuro-Oncology</i> , 2018, 140, 435-444.	1.4	75
101	A subset of pediatric-type thalamic gliomas share a distinct DNA methylation profile, H3K27me3 loss and frequent alteration of <i>EGFR</i> . <i>Neuro-Oncology</i> , 2021, 23, 34-43.	0.6	75
102	Chromatin Remodeling Defects in Pediatric and Young Adult Glioblastoma: A Tale of a Variant Histone 3 Tail. <i>Brain Pathology</i> , 2013, 23, 210-216.	2.1	74
103	Nramp1 Modifies the Fusion of Salmonella typhimurium-containing Vacuoles with Cellular Endomembranes in Macrophages. <i>Journal of Biological Chemistry</i> , 2002, 277, 2258-2265.	1.6	73
104	Inhibition of medulloblastoma cell invasion by Slit. <i>Oncogene</i> , 2006, 25, 5103-5112.	2.6	73
105	Pediatric low-grade gliomas: implications of the biologic era. <i>Neuro-Oncology</i> , 2017, 19, now209.	0.6	73
106	Protein truncation test of LYST reveals heterogenous mutations in patients with Chediak-Higashi syndrome. <i>Blood</i> , 2000, 95, 979-83.	0.6	73
107	Genome-wide profiling using single-nucleotide polymorphism arrays identifies novel chromosomal imbalances in pediatric glioblastomas. <i>Neuro-Oncology</i> , 2010, 12, 153-163.	0.6	72
108	Barriers to horizontal cell transformation by extracellular vesicles containing oncogenic H-ras. <i>Oncotarget</i> , 2016, 7, 51991-52002.	0.8	72

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109	Dual targeting of polyamine synthesis and uptake in diffuse intrinsic pontine gliomas. <i>Nature Communications</i> , 2021, 12, 971.	5.8	71
110	A C19MC-LIN28A-MYCN Oncogenic Circuit Driven by Hijacked Super-enhancers Is a Distinct Therapeutic Vulnerability in ETMRs: A Lethal Brain Tumor. <i>Cancer Cell</i> , 2019, 36, 51-67.e7.	7.7	69
111	Frequency and severity of central nervous system lesions in hemophagocytic lymphohistiocytosis. <i>Blood</i> , 1997, 89, 794-800.	0.6	67
112	Pineoblastoma segregates into molecular sub-groups with distinct clinico-pathologic features: a Rare Brain Tumor Consortium registry study. <i>Acta Neuropathologica</i> , 2020, 139, 223-241.	3.9	65
113	Interaction of HIV gp120 and anti-CD4 antibodies with the CD4 molecule on human CD4+ T cells inhibits the binding activity of NF-AT, NF- $\kappa$ B and AP-1, three nuclear factors regulating interleukin-2 gene enhancer activity. <i>European Journal of Immunology</i> , 1994, 24, 2646-2652.	1.6	61
114	Iron transporter Nramp2/DMT-1 is associated with the membrane of phagosomes in macrophages and Sertoli cells. <i>Blood</i> , 2002, 100, 2617-2622.	0.6	61
115	X-linked primary immunodeficiency associated with hemizygous mutations in the moesin (MSN) gene. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 1681-1689.e8.	1.5	60
116	Gene Expression Profiling from Formalin-Fixed Paraffin-Embedded Tumors of Pediatric Glioblastoma. <i>Clinical Cancer Research</i> , 2007, 13, 6284-6292.	3.2	58
117	TRPV4 and KRAS and FGFR1 gain-of-function mutations drive giant cell lesions of the jaw. <i>Nature Communications</i> , 2018, 9, 4572.	5.8	58
118	Prevention of EBV-induced B-lymphoproliferative disorder by ex vivo marrow B-cell depletion in HLA-phenotypical or non-identical T-depleted bone marrow transplantation. <i>British Journal of Haematology</i> , 1998, 103, 543-551.	1.2	57
119	Histone H3.3 G34 mutations promote aberrant PRC2 activity and drive tumor progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 27354-27364.	3.3	57
120	Correction of Fas (CD95) deficiency by haploidentical bone marrow transplantation. <i>European Journal of Immunology</i> , 1997, 27, 2043-2047.	1.6	51
121	Diffuse glioneuronal tumour with oligodendroglioma-like features and nuclear clusters (DGONC) – a molecularly defined glioneuronal CNS tumour class displaying recurrent monosomy 14. <i>Neuropathology and Applied Neurobiology</i> , 2020, 46, 422-430.	1.8	51
122	H3K27M in Gliomas Causes a One-Step Decrease in H3K27 Methylation and Reduced Spreading within the Constraints of H3K36 Methylation. <i>Cell Reports</i> , 2020, 33, 108390.	2.9	50
123	Inhibition of Y-box binding protein-1 slows the growth of glioblastoma multiforme and sensitizes to temozolomide independent of O <sup>6</sup> -methylguanine-DNA methyltransferase. <i>Molecular Cancer Therapeutics</i> , 2009, 8, 3276-3284.	1.9	49
124	Epigenetic dysregulation: a novel pathway of oncogenesis in pediatric brain tumors. <i>Acta Neuropathologica</i> , 2014, 128, 615-627.	3.9	49
125	Characterizing temporal genomic heterogeneity in pediatric high-grade gliomas. <i>Acta Neuropathologica Communications</i> , 2017, 5, 78.	2.4	48
126	The transcriptional landscape of Shh medulloblastoma. <i>Nature Communications</i> , 2021, 12, 1749.	5.8	47



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127	Alternative lengthening of telomeres is enriched in, and impacts survival of TP53 mutant pediatric malignant brain tumors. <i>Acta Neuropathologica</i> , 2014, 128, 853-862.	3.9	46
128	Preclinical target validation using patient-derived cells. <i>Nature Reviews Drug Discovery</i> , 2015, 14, 149-150.	21.5	46
129	ZFTAâ€œRELA Dictates Oncogenic Transcriptional Programs to Drive Aggressive Supratentorial Ependymoma. <i>Cancer Discovery</i> , 2021, 11, 2200-2215.	7.7	46
130	Glioblastoma cell populations with distinct oncogenic programs release podoplanin as procoagulant extracellular vesicles. <i>Blood Advances</i> , 2021, 5, 1682-1694.	2.5	46
131	Attitudes of Canadian researchers toward the return to participants of incidental and targeted genomic findings obtained in a pediatric research setting. <i>Genetics in Medicine</i> , 2013, 15, 558-564.	1.1	45
132	YAP1-fusions in pediatric NF2-wildtype meningioma. <i>Acta Neuropathologica</i> , 2020, 139, 215-218.	3.9	45
133	CD4 ligands inhibit the formation of multifunctional transduction complexes involved in T cell activation. <i>Journal of Immunology</i> , 1997, 158, 94-103.	0.4	45
134	Iron chelators modulate the fusogenic properties of Salmonella-containing phagosomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 6127-6132.	3.3	44
135	Atypical teratoid rhabdoid tumor in the first year of life: the Canadian ATRT registry experience and review of the literature. <i>Journal of Neuro-Oncology</i> , 2017, 132, 155-162.	1.4	43
136	Lymphoproliferative disorders in children with primary immunodeficiencies: immunological status may be more predictive of the outcome than other criteria. <i>Histopathology</i> , 2001, 38, 146-159.	1.6	42
137	White matter and information processing speed following treatment with cranial-spinal radiation for pediatric brain tumor.. <i>Neuropsychology</i> , 2016, 30, 425-438.	1.0	42
138	Molecular analyses reveal close similarities between small cell carcinoma of the ovary, hypercalcemic type and atypical teratoid/rhabdoid tumor. <i>Oncotarget</i> , 2016, 7, 1732-1740.	0.8	42
139	Impact of HLA matching on outcome of hematopoietic stem cell transplantation in children with inherited diseases: a single-center comparative analysis of genoidentical, haploidentical or unrelated donors. <i>Bone Marrow Transplantation</i> , 2004, 33, 1089-1095.	1.3	41
140	Spinal Myxopapillary Ependymomas Demonstrate a Warburg Phenotype. <i>Clinical Cancer Research</i> , 2015, 21, 3750-3758.	3.2	40
141	H3.3 G34W Promotes Growth and Impedes Differentiation of Osteoblast-Like Mesenchymal Progenitors in Giant Cell Tumor of Bone. <i>Cancer Discovery</i> , 2020, 10, 1968-1987.	7.7	40
142	Clinical Outcomes and Patient-Matched Molecular Composition of Relapsed Medulloblastoma. <i>Journal of Clinical Oncology</i> , 2021, 39, 807-821.	0.8	40
143	Preponderance of sonic hedgehog pathway activation characterizes adult medulloblastoma. <i>Acta Neuropathologica</i> , 2011, 121, 229-239.	3.9	39
144	Senescence Induced by BMI1 Inhibition Is a Therapeutic Vulnerability in H3K27M-Mutant DIPG. <i>Cell Reports</i> , 2020, 33, 108286.	2.9	39

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145	An inherited immunoglobulin class-switch recombination deficiency associated with a defect in the IHO80 chromatin remodeling complex. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 135, 998-1007.e6.	1.5	37
146	Mutant H3 histones drive human pre-leukemic hematopoietic stem cell expansion and promote leukemic aggressiveness. <i>Nature Communications</i> , 2019, 10, 2891.	5.8	36
147	Molecular Profiling of Hard-to-Treat Childhood and Adolescent Cancers. <i>JAMA Network Open</i> , 2019, 2, e192906.	2.8	36
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