Uri Tabori

List of Publications by Year
in descending order

264	24,014	11651 70	8396 147
papers	citations	h-index	g-index

274	274	274	24834
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Analysis of 100,000 human cancer genomes reveals the landscape of tumor mutational burden. Genome Medicine, 2017, 9, 34.	8.2	2,480
2	Driver mutations in histone H3.3 and chromatin remodelling genes in paediatric glioblastoma. Nature, 2012, 482, 226-231.	27.8	2,129
3	Intertumoral Heterogeneity within Medulloblastoma Subgroups. Cancer Cell, 2017, 31, 737-754.e6.	16.8	836
4	Subgroup-specific structural variation across 1,000 medulloblastoma genomes. Nature, 2012, 488, 49-56.	27.8	761
5	Genome Sequencing of Pediatric Medulloblastoma Links Catastrophic DNA Rearrangements with TP53 Mutations. Cell, 2012, 148, 59-71.	28.9	743
6	Immune Checkpoint Inhibition for Hypermutant Glioblastoma Multiforme Resulting From Germline Biallelic Mismatch Repair Deficiency. Journal of Clinical Oncology, 2016, 34, 2206-2211.	1.6	692
7	Comprehensive Analysis of Hypermutation in Human Cancer. Cell, 2017, 171, 1042-1056.e10.	28.9	596
8	Genomic analysis of diffuse intrinsic pontine gliomas identifies three molecular subgroups and recurrent activating ACVR1 mutations. Nature Genetics, 2014, 46, 451-456.	21.4	525
9	Epigenomic alterations define lethal CIMP-positive ependymomas of infancy. Nature, 2014, 506, 445-450.	27.8	521
10	Delineation of Two Clinically and Molecularly Distinct Subgroups of Posterior Fossa Ependymoma. Cancer Cell, 2011, 20, 143-157.	16.8	494
11	Subgroup-Specific Prognostic Implications of TP53 Mutation in Medulloblastoma. Journal of Clinical Oncology, 2013, 31, 2927-2935.	1.6	381
12	Biochemical and imaging surveillance in germline TP53 mutation carriers with Li-Fraumeni syndrome: 11 year follow-up of a prospective observational study. Lancet Oncology, The, 2016, 17, 1295-1305.	10.7	373
13	cIMPACTâ€NOW update 6: new entity and diagnostic principle recommendations of the cIMPACTâ€Utrecht meeting on future CNS tumor classification and grading. Brain Pathology, 2020, 30, 844-856.	4.1	363
14	Biochemical and imaging surveillance in germline TP53 mutation carriers with Li-Fraumeni syndrome: a prospective observational study. Lancet Oncology, The, 2011, 12, 559-567.	10.7	345
15	Recurrence patterns across medulloblastoma subgroups: an integrated clinical and molecular analysis. Lancet Oncology, The, 2013, 14, 1200-1207.	10.7	307
16	Combined hereditary and somatic mutations of replication error repair genes result in rapid onset of ultra-hypermutated cancers. Nature Genetics, 2015, 47, 257-262.	21.4	306
17	Prognostic value of medulloblastoma extent of resection after accounting for molecular subgroup: a retrospective integrated clinical and molecular analysis. Lancet Oncology, The, 2016, 17, 484-495.	10.7	274
18	The current consensus on the clinical management of intracranial ependymoma and its distinct molecular variants. Acta Neuropathologica, 2017, 133, 5-12.	7.7	271

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19	Divergent clonal selection dominates medulloblastoma at recurrence. Nature, 2016, 529, 351-357.	27.8	266
20	Cytogenetic Prognostication Within Medulloblastoma Subgroups. Journal of Clinical Oncology, 2014, 32, 886-896.	1.6	263
21	Visual outcomes in children with neurofibromatosis type 1-associated optic pathway glioma following chemotherapy: a multicenter retrospective analysis. Neuro-Oncology, 2012, 14, 790-797.	1.2	248
22	BRAF Mutation and CDKN2A Deletion Define a Clinically Distinct Subgroup of Childhood Secondary High-Grade Glioma. Journal of Clinical Oncology, 2015, 33, 1015-1022.	1.6	244
23	Integrated Molecular and Clinical Analysis of 1,000 Pediatric Low-Grade Gliomas. Cancer Cell, 2020, 37, 569-583.e5.	16.8	244
24	Therapeutic and Prognostic Implications of BRAF V600E in Pediatric Low-Grade Gliomas. Journal of Clinical Oncology, 2017, 35, 2934-2941.	1.6	232
25	BRAF-KIAA1549 Fusion Predicts Better Clinical Outcome in Pediatric Low-Grade Astrocytoma. Clinical Cancer Research, 2011, 17, 4790-4798.	7.0	219
26	MYB-QKI rearrangements in angiocentric glioma drive tumorigenicity through a tripartite mechanism. Nature Genetics, 2016, 48, 273-282.	21.4	214
27	Methylation of the TERT promoter and risk stratification of childhood brain tumours: an integrative genomic and molecular study. Lancet Oncology, The, 2013, 14, 534-542.	10.7	212
28	Alterations in ALK/ROS1/NTRK/MET drive a group of infantile hemispheric gliomas. Nature Communications, 2019, 10, 4343.	12.8	200
29	Phase II Study of Weekly Vinblastine in Recurrent or Refractory Pediatric Low-Grade Glioma. Journal of Clinical Oncology, 2012, 30, 1358-1363.	1.6	198
30	Excessive genomic DNA copy number variation in the Liâ€“Fraumeni cancer predisposition syndrome. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 11264-11269.	7.1	192
31	Integrated (epi)-Genomic Analyses Identify Subgroup-Specific Therapeutic Targets in CNS Rhabdoid Tumors. Cancer Cell, 2016, 30, 891-908.	16.8	191
32	Anaplastic astrocytoma with piloid features, a novel molecular class of IDH wildtype glioma with recurrent MAPK pathway, CDKN2A/B and ATRX alterations. Acta Neuropathologica, 2018, 136, 273-291.	7.7	190
33	TP53 Alterations Determine Clinical Subgroups and Survival of Patients With Choroid Plexus Tumors. Journal of Clinical Oncology, 2010, 28, 1995-2001.	1.6	189
34	Genomic analysis of diffuse pediatric low-grade gliomas identifies recurrent oncogenic truncating rearrangements in the transcription factor MYBL1. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 8188-8193.	7.1	188
35	Genetic and clinical determinants of constitutional mismatch repair deficiency syndrome: Report from the constitutional mismatch repair deficiency consortium. European Journal of Cancer, 2014, 50, 987-996.	2.8	180
36	Mechanisms of human telomerase reverse transcriptase (hTERT) regulation: clinical impacts in cancer. Journal of Biomedical Science, 2018, 25, 22.	7.0	172

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37	Pediatric low-grade glioma in the era of molecular diagnostics. Acta Neuropathologica Communications, 2020, 8, 30.	5.2	172
38	Duplication of 7q34 is specific to juvenile pilocytic astrocytomas and a hallmark of cerebellar and optic pathway tumours. British Journal of Cancer, 2009, 101, 722-733.	6.4	163
39	Therapeutic Impact of Cytoreductive Surgery and Irradiation of Posterior Fossa Ependymoma in the Molecular Era: A Retrospective Multicohort Analysis. Journal of Clinical Oncology, 2016, 34, 2468-2477.	1.6	160
40	Recurrent somatic mutation in DROSHA induces microRNA profile changes in Wilms tumour. Nature Communications, 2014, 5, 4039.	12.8	159
41	Phase II Weekly Vinblastine for Chemotherapy-NaÃ¯ve Children With Progressive Low-Grade Glioma: A Canadian Pediatric Brain Tumor Consortium Study. Journal of Clinical Oncology, 2016, 34, 3537-3543.	1.6	157
42	Clinical Management and Tumor Surveillance Recommendations of Inherited Mismatch Repair Deficiency in Childhood. Clinical Cancer Research, 2017, 23, e32-e37.	7.0	157
43	Universal Poor Survival in Children With Medulloblastoma Harboring Somatic TP53 Mutations. Journal of Clinical Oncology, 2010, 28, 1345-1350.	1.6	148
44	TERT promoter mutations are highly recurrent in SHH subgroup medulloblastoma. Acta Neuropathologica, 2013, 126, 917-929.	7.7	146
45	Natural history and outcome of optic pathway gliomas in children. Pediatric Blood and Cancer, 2009, 53, 1231-1237.	1.5	141
46	Locoregional delivery of CAR T cells to the cerebrospinal fluid for treatment of metastatic medulloblastoma and ependymoma. Nature Medicine, 2020, 26, 720-731.	30.7	141
47	Genetic Aberrations Leading to MAPK Pathway Activation Mediate Oncogene-Induced Senescence in Sporadic Pilocytic Astrocytomas. Clinical Cancer Research, 2011, 17, 4650-4660.	7.0	135
48	Younger Age of Cancer Initiation Is Associated with Shorter Telomere Length in Li-Fraumeni Syndrome. Cancer Research, 2007, 67, 1415-1418.	0.9	134
49	Cancer and Central Nervous System Tumor Surveillance in Pediatric Neurofibromatosis 1. Clinical Cancer Research, 2017, 23, e46-e53.	7.0	133
50	DNA hypermethylation within TERT promoter upregulates TERT expression in cancer. Journal of Clinical Investigation, 2018, 129, 223-229.	8.2	130
51	Efficacy and Safety of Dabrafenib in Pediatric Patients with BRAF V600 Mutationâ€“Positive Relapsed or Refractory Low-Grade Glioma: Results from a Phase I/IIa Study. Clinical Cancer Research, 2019, 25, 7303-7311.	7.0	128
52	Pediatric low-grade gliomas: next biologically driven steps. Neuro-Oncology, 2018, 20, 160-173.	1.2	116
53	Medulloblastoma subgroup-specific outcomes in irradiated children: who are the true high-risk patients?. Neuro-Oncology, 2016, 18, 291-297.	1.2	112
54	Spatial heterogeneity in medulloblastoma. Nature Genetics, 2017, 49, 780-788.	21.4	112

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55	Early aging in adult survivors of childhood medulloblastoma: long-term neurocognitive, functional, and physical outcomes. Neuro-Oncology, 2011, 13, 536-545.	1.2	111
56	Survival Benefit for Pediatric Patients With Recurrent Ependymoma Treated With Reirradiation. International Journal of Radiation Oncology Biology Physics, 2012, 83, 1541-1548.	0.8	111
57	Clinical and treatment factors determining longâ€term outcomes for adult survivors of childhood lowâ€grade glioma: A populationâ€based study. Cancer, 2016, 122, 1261-1269.	4.1	109
58	Human Telomere Reverse Transcriptase Expression Predicts Progression and Survival in Pediatric Intracranial Ependymoma. Journal of Clinical Oncology, 2006, 24, 1522-1528.	1.6	106
59	TP53 Mutation Is Frequently Associated With CTNNB1 Mutation or MYCN Amplification and Is Compatible With Long-Term Survival in Medulloblastoma. Journal of Clinical Oncology, 2010, 28, 5188-5196.	1.6	100
60	Targeted detection of genetic alterations reveal the prognostic impact of H3K27M and MAPK pathway aberrations in paediatric thalamic glioma. Acta Neuropathologica Communications, 2016, 4, 93.	5.2	100
61	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. BMC Cancer, 2019, 19, 1250.	2.6	93
62	Cancer Screening Recommendations and Clinical Management of Inherited Gastrointestinal Cancer Syndromes in Childhood. Clinical Cancer Research, 2017, 23, e107-e114.	7.0	91
63	Weekly vinblastine in pediatric low-grade glioma patients with carboplatin allergic reaction. Cancer, 2005, 103, 2636-2642.	4.1	88
64	Phenotypic and genotypic characterisation of biallelic mismatch repair deficiency (BMMR-D) syndrome. European Journal of Cancer, 2015, 51, 977-983.	2.8	87
65	Heterogeneity within the PF-EPN-B ependymoma subgroup. Acta Neuropathologica, 2018, 136, 227-237.	7.7	86
66	A Hematogenous Route for Medulloblastoma Leptomeningeal Metastases. Cell, 2018, 172, 1050-1062.e14.	28.9	85
67	Optic pathway gliomas: a review. CNS Oncology, 2013, 2, 143-159.	3.0	84
68	Molecular Characterization of Choroid Plexus Tumors Reveals Novel Clinically Relevant Subgroups. Clinical Cancer Research, 2015, 21, 184-192.	7.0	84
69	Cancer and Central Nervous System Tumor Surveillance in Pediatric Neurofibromatosis 2 and Related Disorders. Clinical Cancer Research, 2017, 23, e54-e61.	7.0	76
70	Pediatric low-grade gliomas: implications of the biologic era. Neuro-Oncology, 2017, 19, now209.	1.2	73
71	The Role of Telomere Maintenance in the Spontaneous Growth Arrest of Pediatric Low-Grade Gliomas. Neoplasia, 2006, 8, 136-142.	5.3	72
72	Choroid plexus tumors; management, outcome, and association with the Liâ€“Fraumeni syndrome: The Children's Hospital Los Angeles (CHLA) experience, 1991â€“2010. Pediatric Blood and Cancer, 2012, 58, 905-909.	1.5	72

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73	Oncologic surveillance for subjects with biallelic mismatch repair gene mutations: 10 year followâ€up of a kindred. Pediatric Blood and Cancer, 2012, 59, 652-656.	1.5	72
74	Atypical Teratoid or Rhabdoid Tumors: Improved Outcome With High-dose Chemotherapy. Journal of Pediatric Hematology/Oncology, 2010, 32, e182-e186.	0.6	65
75	Fetal Reprogramming and Senescence in Hypoplastic Left Heart Syndrome and in Human Pluripotent Stem Cells during Cardiac Differentiation. American Journal of Pathology, 2013, 183, 720-734.	3.8	65
76	High frequency of mismatch repair deficiency among pediatric high grade gliomas in <scp>J</scp>ordan. International Journal of Cancer, 2016, 138, 380-385.	5.1	62
77	Outcomes of BRAF V600E Pediatric Gliomas Treated With Targeted BRAF Inhibition. JCO Precision Oncology, 2020, 4, 561-571.	3.0	62
78	Medulloblastoma in the second decade of life: A specific group with respect to toxicity and management. Cancer, 2005, 103, 1874-1880.	4.1	61
79	Cancer Stem Cells in Prostate Cancer: Implications for Targeted Therapy. Urologia Internationalis, 2017, 99, 125-136.	1.3	61
80	Rapamycin (sirolimus) in tuberous sclerosis associated pediatric central nervous system tumors. Pediatric Blood and Cancer, 2010, 54, 476-479.	1.5	60
81	Risk of venous thromboembolism in pediatric patients with brain tumors. Pediatric Blood and Cancer, 2004, 43, 633-636.	1.5	57
82	Profound clinical and radiological response to BRAF inhibition in a 2â€monthâ€old diencephalic child with hypothalamic/chiasmatic glioma. Pediatric Blood and Cancer, 2016, 63, 2038-2041.	1.5	57
83	Combined genetic and epigenetic alterations of the TERT promoter affect clinical and biological behavior of bladder cancer. International Journal of Cancer, 2019, 144, 1676-1684.	5.1	57
84	Diagnostic criteria for constitutional mismatch repair deficiency (CMMRD): recommendations from the international consensus working group. Journal of Medical Genetics, 2022, 59, 318-327.	3.2	57
85	Monoallelic Expression Determines Oncogenic Progression and Outcome in Benign and Malignant Brain Tumors. Cancer Research, 2012, 72, 636-644.	0.9	56
86	The Cyclic AMP Pathway Is a Sex-Specific Modifier of Glioma Risk in Type I Neurofibromatosis Patients. Cancer Research, 2015, 75, 16-21.	0.9	56
87	A cancer specific hypermethylation signature of the TERT promoter predicts biochemical relapse in prostate cancer: a retrospective cohort study. Oncotarget, 2016, 7, 57726-57736.	1.8	55
88	Neural Tumor-Initiating Cells Have Distinct Telomere Maintenance and Can be Safely Targeted for Telomerase Inhibition. Clinical Cancer Research, 2011, 17, 111-121.	7.0	53
89	Genomic predictors of response to PD-1 inhibition in children with germline DNA replication repair deficiency. Nature Medicine, 2022, 28, 125-135.	30.7	53
90	ACCELERATE and European Medicines Agency Paediatric Strategy Forum for medicinal product development of checkpoint inhibitors for use in combination therapy in paediatric patients. European Journal of Cancer, 2020, 127, 52-66.	2.8	52

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91	Primary mismatch repair deficient IDH-mutant astrocytoma (PMMRDIA) is a distinct type with a poor prognosis. Acta Neuropathologica, 2021, 141, 85-100.	7.7	52
92	Reirradiation in patients with diffuse intrinsic pontine gliomas: The Canadian experience. Pediatric Blood and Cancer, 2018, 65, e26988.	1.5	51
93	Response to Immune Checkpoint Inhibition in Two Patients with Alveolar Soft-Part Sarcoma. Cancer Immunology Research, 2018, 6, 1001-1007.	3.4	50
94	Survival and functional outcomes of molecularly defined childhood posterior fossa ependymoma: Cure at a cost. Cancer, 2019, 125, 1867-1876.	4.1	49
95	Clinical implications of medulloblastoma subgroups: incidence of CSF diversion surgery. Journal of Neurosurgery: Pediatrics, 2015, 15, 236-242.	1.3	48
96	The transcriptional landscape of Shh medulloblastoma. Nature Communications, 2021, 12, 1749.	12.8	47
97	Alternative lengthening of telomeres is enriched in, and impacts survival of TP53 mutant pediatric malignant brain tumors. Acta Neuropathologica, 2014, 128, 853-862.	7.7	46
98	A comprehensive review of paediatric low-grade diffuse glioma: pathology, molecular genetics and treatment. Brain Tumor Pathology, 2017, 34, 51-61.	1.7	46
99	DNA Polymerase and Mismatch Repair Exert Distinct Microsatellite Instability Signatures in Normal and Malignant Human Cells. Cancer Discovery, 2021, 11, 1176-1191.	9.4	46
100	Implications of new understandings of gliomas in children and adults with NF1: report of a consensus conference. Neuro-Oncology, 2020, 22, 773-784.	1.2	44
101	Duration of the preâ€diagnostic interval in medulloblastoma is subgroup dependent. Pediatric Blood and Cancer, 2014, 61, 1190-1194.	1.5	42
102	Telomere dysfunction and chromothripsis. International Journal of Cancer, 2016, 138, 2905-2914.	5.1	42
103	DNA methylation of the TERT promoter and its impact on human cancer. Current Opinion in Genetics and Development, 2020, 60, 17-24.	3.3	40
104	Clinical Outcomes and Patient-Matched Molecular Composition of Relapsed Medulloblastoma. Journal of Clinical Oncology, 2021, 39, 807-821.	1.6	40
105	Survival Benefit for Individuals With Constitutional Mismatch Repair Deficiency Undergoing Surveillance. Journal of Clinical Oncology, 2021, 39, 2779-2790.	1.6	40
106	Favorable survival and metabolic outcome for children with diencephalic syndrome using a radiation-sparing approach. Journal of Neuro-Oncology, 2014, 116, 195-204.	2.9	39
107	Multiplex Detection of Pediatric Low-Grade Glioma Signature Fusion Transcripts and Duplications Using the NanoString nCounter System. Journal of Neuropathology and Experimental Neurology, 2017, 76, 562-570.	1.7	39
108	Differential patterns of metastatic dissemination across medulloblastoma subgroups. Journal of Neurosurgery: Pediatrics, 2018, 21, 145-152.	1.3	39

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109	Clinical impact of combined epigenetic and molecular analysis of pediatric low-grade gliomas. Neuro-Oncology, 2020, 22, 1474-1483.	1.2	39
110	Survival and functional outcome of childhood spinal cord low-grade gliomas. Journal of Neurosurgery: Pediatrics, 2009, 4, 254-261.	1.3	38
111	Gender as a disease modifier in neurofibromatosis type 1 optic pathway glioma. Annals of Neurology, 2014, 75, 799-800.	5.3	38
112	WNT activation by lithium abrogates TP53 mutation associated radiation resistance in medulloblastoma. Acta Neuropathologica Communications, 2014, 2, 174.	5.2	37
113	Vincristine and carboplatin chemotherapy for unresectable and/or recurrent lowâ€grade astrocytoma of the brainstem. Pediatric Blood and Cancer, 2010, 55, 471-477.	1.5	36
114	White matter compromise predicts poor intellectual outcome in survivors of pediatric low-grade glioma. Neuro-Oncology, 2015, 17, 604-613.	1.2	36
115	Distinctive clinical course and pattern of relapse in adolescents with medulloblastoma. International Journal of Radiation Oncology Biology Physics, 2006, 64, 402-407.	0.8	35
116	Primary analysis of a phase II trial of dabrafenib plus trametinib (dab + tram) in BRAF V600â€“mutant pediatric low-grade glioma (pLGG).. Journal of Clinical Oncology, 2022, 40, LBA2002-LBA2002.	1.6	35
117	Telomerase inhibition abolishes the tumorigenicity of pediatric ependymoma tumor-initiating cells. Acta Neuropathologica, 2014, 128, 863-877.	7.7	34
118	Possibilities of new therapeutic strategies in brain tumors. Cancer Treatment Reviews, 2010, 36, 335-341.	7.7	33
119	Feasibility and efficacy of repeated chemotherapy for progressive pediatric lowâ€grade gliomas. Pediatric Blood and Cancer, 2011, 57, 84-88.	1.5	33
120	Favorable outcome with conservative treatment for children with low grade brainstem tumors. Pediatric Blood and Cancer, 2012, 58, 556-560.	1.5	33
121	Genome-Wide DNA Methylation Analysis Reveals Epigenetic Dysregulation of MicroRNA-34A in TP53-Associated Cancer Susceptibility. Journal of Clinical Oncology, 2016, 34, 3697-3704.	1.6	33
122	Gastrointestinal Findings in the Largest Series of Patients With Hereditary Biallelic Mismatch Repair Deficiency Syndrome: Report from the International Consortium. American Journal of Gastroenterology, 2016, 111, 275-284.	0.4	33
123	An update on the CNS manifestations of brain tumor polyposis syndromes. Acta Neuropathologica, 2020, 139, 703-715.	7.7	33
124	Explosive mutation accumulation triggered by heterozygous human Pol Îµ proofreading-deficiency is driven by suppression of mismatch repair. ELife, 2018, 7, .	6.0	33
125	Craniospinal irradiation as part of re-irradiation for children with recurrent intracranial ependymoma. Neuro-Oncology, 2019, 21, 547-557.	1.2	32
126	Radiomics of Pediatric Low-Grade Gliomas: Toward a Pretherapeutic Differentiation of BRAF-Mutated and BRAF-Fused Tumors. American Journal of Neuroradiology, 2021, 42, 759-765.	2.4	32

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127	Risk Stratification in Cancer Predisposition Syndromes: Lessons Learned from Novel Molecular Developments in Li-Fraumeni Syndrome: Figure 1.. Cancer Research, 2008, 68, 2053-2057.	0.9	31
128	EZH2 expression is a prognostic factor in childhood intracranial ependymoma: A Canadian Pediatric Brain Tumor Consortium study. Cancer, 2015, 121, 1499-1507.	4.1	30
129	Pediatric High Grade Gliomas in the Context of Cancer Predisposition Syndromes. Journal of Korean Neurosurgical Society, 2018, 61, 319-332.	1.2	30
130	No correlation between NF1 mutation position and risk of optic pathway glioma in 77 unrelated NF1 patients. Human Genetics, 2016, 135, 469-475.	3.8	29
131	Optic pathway gliomas in adolescence--time to challenge treatment choices?. Neuro-Oncology, 2013, 15, 391-400.	1.2	27
132	An integrative molecular and genomic analysis of pediatric hemispheric low-grade gliomas: an update. Child's Nervous System, 2016, 32, 1789-1797.	1.1	26
133	Pattern of Relapse and Treatment Response in WNT-Activated Medulloblastoma. Cell Reports Medicine, 2020, 1, 100038.	6.5	24
134	Glioblastomas with primitive neuronal component harbor a distinct methylation and copy-number profile with inactivation of TP53, PTEN, and RB1. Acta Neuropathologica, 2021, 142, 179-189.	7.7	24
135	Ependymoma: lessons from the past, prospects for the future. Child's Nervous System, 2009, 25, 1383-1384.	1.1	23
136	Functional Repair Assay for the Diagnosis of Constitutional Mismatch Repair Deficiency From Non-Neoplastic Tissue. Journal of Clinical Oncology, 2019, 37, 461-470.	1.6	23
137	Germline-driven replication repair-deficient high-grade gliomas exhibit unique hypomethylation patterns. Acta Neuropathologica, 2020, 140, 765-776.	7.7	23
138	Volumetric assessment of tumor size changes in pediatric low-grade gliomas: feasibility and comparison with linear measurements. Neuroradiology, 2018, 60, 427-436.	2.2	22
139	Predictors of neuropsychological late effects and white matter correlates in children treated for a brain tumor without radiation therapy. Pediatric Blood and Cancer, 2019, 66, e27924.	1.5	22
140	Performance of the McGill Interactive Pediatric OncoGenetic Guidelines for Identifying Cancer Predisposition Syndromes. JAMA Oncology, 2021, 7, 1806.	7.1	22
141	DNA methylation signature is prognostic of choroid plexus tumor aggressiveness. Clinical Epigenetics, 2019, 11, 117.	4.1	21
142	Molecular correlates of cerebellar mutism syndrome in medulloblastoma. Neuro-Oncology, 2020, 22, 290-297.	1.2	21
143	Syndromes Predisposing to Pediatric Central Nervous System Tumors: Lessons Learned and New Promises. Current Neurology and Neuroscience Reports, 2012, 12, 153-164.	4.2	20
144	Epidermal growth factor receptorgene amplification and expression in disseminated pediatric low-grade gliomas. Journal of Neurosurgery: Pediatrics, 2005, 103, 357-361.	1.3	19

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145	The role of resection alone in select children with intracranial ependymoma: the Canadian Pediatric Brain Tumour Consortium experience. Child's Nervous System, 2015, 31, 57-65.	1.1	19
146	Mutations in the RAS/MAPK Pathway Drive Replication Repairâ€“Deficient Hypermutated Tumors and Confer Sensitivity to MEK Inhibition. Cancer Discovery, 2021, 11, 1454-1467.	9.4	19
147	Primary Ewingâ€™s sarcoma affecting the central nervous system: a review and proposed prognostic considerations. Journal of Clinical Neuroscience, 2012, 19, 203-209.	1.5	18
148	Successful Treatment of a Recurrent Choroid Plexus Carcinoma with Surgery Followed by High-Dose Chemotherapy and Stem Cell Rescue. Pediatric Hematology and Oncology, 2013, 30, 386-391.	0.8	18
149	Multiple Brain Developmental Venous Anomalies as a Marker for Constitutional Mismatch Repair Deficiency Syndrome. American Journal of Neuroradiology, 2018, 39, 1943-1946.	2.4	18
150	Re-irradiation for children with recurrent medulloblastoma in Toronto, Canada: a 20-year experience. Journal of Neuro-Oncology, 2019, 145, 107-114.	2.9	18
151	Telomere Biology of Pediatric Cancer. Cancer Investigation, 2007, 25, 197-208.	1.3	17
152	The Changing Landscape of Pediatric Low-Grade Gliomas: Clinical Challenges and Emerging Therapies. Neuropediatrics, 2016, 47, 070-083.	0.6	17
153	The TERT hypermethylated oncologic region predicts recurrence and survival in pancreatic cancer. Future Oncology, 2017, 13, 2045-2051.	2.4	17
154	Isolated optic nerve gliomas: a multicenter historical cohort study. Journal of Neurosurgery: Pediatrics, 2017, 20, 549-555.	1.3	17
155	Sustained Response to Targeted Therapy in a Patient With Disseminated Anaplastic Pleomorphic Xanthoastrocytoma. Journal of Pediatric Hematology/Oncology, 2018, 40, 478-482.	0.6	17
156	Prognostic relevance of miRâ€124â€3p and its target TP53INP1 in pediatric ependymoma. Genes Chromosomes and Cancer, 2017, 56, 639-650.	2.8	16
157	Video-Teleconferencing in Pediatric Neuro-Oncology: Ten Years of Experience. Journal of Global Oncology, 2018, 4, 1-7.	0.5	14
158	Repeat irradiation for children with supratentorial highâ€grade glioma. Pediatric Blood and Cancer, 2019, 66, e27881.	1.5	14
159	Cancers from Novel Pole-Mutant Mouse Models Provide Insights into Polymerase-Mediated Hypermutagenesis and Immune Checkpoint Blockade. Cancer Research, 2020, 80, 5606-5618.	0.9	14
160	Immune Checkpoint Inhibition as Primary Adjuvant Therapy for an IDH1-Mutant Anaplastic Astrocytoma in a Patient with CMMRD: A Case Reportâ€”Usage of Immune Checkpoint Inhibition in CMMRD. Current Oncology, 2021, 28, 757-766.	2.2	14
161	Non-random aneuploidy specifies subgroups of pilocytic astrocytoma and correlates with older age. Oncotarget, 2015, 6, 31844-31856.	1.8	14
162	Synchronous glioblastoma and medulloblastoma in a child with mismatch repair mutation. Child's Nervous System, 2016, 32, 553-557.	1.1	13

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163	Toxicity and outcome of children with treatment related acute myeloid leukemia. Pediatric Blood and Cancer, 2008, 50, 17-23.	1.5	12
164	Neural correlates of delayed visualâ€“motor performance inÂchildren treated for brain tumours. Cortex, 2013, 49, 2140-2150.	2.4	12
165	An Integrative DNA Sequencing and Methylation Panel to Assess Mismatch Repair Deficiency. Journal of Molecular Diagnostics, 2021, 23, 242-252.	2.8	12
166	Clinical phenotypes and prognostic features of embryonal tumours with multi-layered rosettes: a Rare Brain Tumor Registry study. The Lancet Child and Adolescent Health, 2021, 5, 800-813.	5.6	12
167	Hearing Loss After Radiation and Chemotherapy for CNS and Head-and-Neck Tumors in Children. Journal of Clinical Oncology, 2021, 39, 3813-3821.	1.6	11
168	Dual role of allele-specific DNA hypermethylation within the TERT promoter in cancer. Journal of Clinical Investigation, 2021, 131, .	8.2	11
169	Causes of death in pediatric neuro-oncology: the sickkids experience from 2000 to 2017. Journal of Neuro-Oncology, 2020, 149, 181-189.	2.9	10
170	Position paper: Challenges and specific strategies for constitutional mismatch repair deficiency syndrome in lowâ€resource settings. Pediatric Blood and Cancer, 2020, 67, e28309.	1.5	10
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