List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9171/publications.pdf Version: 2024-02-01



AMAD CALLAD

#	Article	IF	CITATIONS
1	Phase I/II trial of vorinostat and radiation and maintenance vorinostat in children with diffuse intrinsic pontine glioma: A Children's Oncology Group report. Neuro-Oncology, 2022, 24, 655-664.	1.2	24
2	Primary hypothyroidism in childhood cancer survivors: Prevalence, risk factors, and longâ€ŧerm consequences. Cancer, 2022, 128, 606-614.	4.1	11
3	Association Between Brain Substructure Dose and Cognitive Outcomes in Children With Medulloblastoma Treated on SJMB03: A Step Toward Substructure-Informed Planning. Journal of Clinical Oncology, 2022, 40, 83-95.	1.6	15
4	Pretreatment Normal WM Magnetization Transfer Ratio Predicts Risk of Radiation Necrosis in Patients with Medulloblastoma. American Journal of Neuroradiology, 2022, 43, 299-303.	2.4	1
5	A Phase 2 Trial of Response-Based Radiation Therapy for Localized Central Nervous System Germ Cell Tumors: Patterns of Failure and Radiation Dosimetry for Nongerminomatous Germ Cell Tumors. International Journal of Radiation Oncology Biology Physics, 2022, 113, 143-151.	0.8	7
6	Population pharmacokinetics of crenolanib in children and young adults with brain tumors. Cancer Chemotherapy and Pharmacology, 2022, 89, 459-468.	2.3	0
7	MRI sequences and interslice gap influence leptomeningeal metastasis detection in children with brain tumors. Neuroradiology, 2022, , 1.	2.2	0
8	Social Problem Solving in Survivors of Pediatric Brain Tumor. Journal of Pediatric Psychology, 2022, ,	2.1	1
9	The posterior fossa syndrome questionnaire: using science to inform practice. Journal of Neuro-Oncology, 2022, , 1.	2.9	0
10	Entrectinib in children and young adults with solid or primary CNS tumors harboring <i>NTRK</i> , <i>ROS1</i> , or <i>ALK</i> aberrations (STARTRK-NG). Neuro-Oncology, 2022, 24, 1776-1789.	1.2	37
11	Circulating tumor DNA profiling for childhood brain tumors: Technical challenges and evidence for utility. Laboratory Investigation, 2022, 102, 134-142.	3.7	11
12	Revised clinical and molecular risk strata define the incidence and pattern of failure in medulloblastoma following risk-adapted radiotherapy and dose-intensive chemotherapy: results from a phase III multi-institutional study. Neuro-Oncology, 2022, 24, 1166-1175.	1.2	2
13	HGG-06. Phase 2 Study of Veliparib and Local Irradiation, Followed by Maintenance Veliparib and Temozolomide, in Patients with Newly Diagnosed High-Grade Glioma without H3 K27M or BRAF Mutations: A Report from the Children's Oncology Group ACNS1721 Study. Neuro-Oncology, 2022, 24, i60-i61	1.2	1
14	MEDB-69. Clinical and molecular meta-analysis of three major medulloblastoma clinical trials (ACNS0331, SJMB03, ACNS0332) uncovers novel strategies to improve risk-stratified therapy. Neuro-Oncology, 2022, 24, i122-i122.	1.2	1
15	QOL-17. Neurocognitive outcomes after treatment for medulloblastoma with reduced primary site target volume margins. Neuro-Oncology, 2022, 24, i137-i137.	1.2	0
16	MEDB-29. Application of Rotterdam Post-Operative Cerebellar Mutism Syndrome Prediction Model to Patients Operated for Medulloblastoma in a Single Institution. Neuro-Oncology, 2022, 24, i111-i111.	1.2	0
17	INSP-09. Using genetically engineered mouse models and patient-derived orthotopic xenografts to develop new therapies for pediatric brain tumors Neuro-Oncology, 2022, 24, i188-i188.	1.2	0
18	MEDB-78. Unified rhombic lip origins of Group 3 and Group 4 medulloblastoma. Neuro-Oncology, 2022, 24, i124-i125.	1.2	1

#	Article	IF	CITATIONS
19	ATRT-22. Outcomes for children with recurrent atypical teratoid rhabdoid tumor: A single institution study with updated molecular and germline analysis. Neuro-Oncology, 2022, 24, i8-i8.	1.2	1
20	Creation of a successful multidisciplinary course in pediatric neuroâ€oncology with a systematic approach to curriculum development. Cancer, 2021, 127, 1126-1133.	4.1	6
21	Outcome and molecular analysis of young children with choroid plexus carcinoma treated with non-myeloablative therapy: results from the SJYC07 trial. Neuro-Oncology Advances, 2021, 3, vdaa168.	0.7	6
22	Small-molecule screen reveals synergy of cell cycle checkpoint kinase inhibitors with DNA-damaging chemotherapies in medulloblastoma. Science Translational Medicine, 2021, 13, .	12.4	26
23	Clinical and molecular heterogeneity of pineal parenchymal tumors: a consensus study. Acta Neuropathologica, 2021, 141, 771-785.	7.7	44
24	Clinical Outcomes and Patient-Matched Molecular Composition of Relapsed Medulloblastoma. Journal of Clinical Oncology, 2021, 39, 807-821.	1.6	40
25	Outcomes by Clinical and Molecular Features in Children With Medulloblastoma Treated With Risk-Adapted Therapy: Results of an International Phase III Trial (SJMB03). Journal of Clinical Oncology, 2021, 39, 822-835.	1.6	106
26	Relevance of Molecular Groups in Children with Newly Diagnosed Atypical Teratoid Rhabdoid Tumor: Results from Prospective St. Jude Multi-institutional Trials. Clinical Cancer Research, 2021, 27, 2879-2889.	7.0	35
27	Handedness switching as a presenting sign for pediatric low-grade gliomas: An insight into brain plasticity from a short case series. Journal of Pediatric Rehabilitation Medicine, 2021, 14, 31-36.	0.5	2
28	Abstract PO-077: Image clustering of brain tumor patients using a deep neural network. , 2021, , .		0
29	Clinical features, neurologic recovery, and risk factors of postoperative posterior fossa syndrome and delayed recovery: a prospective study. Neuro-Oncology, 2021, 23, 1586-1596.	1.2	35
30	Temozolomide with irinotecan versus temozolomide, irinotecan plus bevacizumab for recurrent medulloblastoma of childhood: Report of a COG randomized Phase II screening trial. Pediatric Blood and Cancer, 2021, 68, e29031.	1.5	24
31	Multiâ€institutional analysis of treatment modalities in basal ganglia and thalamic germinoma. Pediatric Blood and Cancer, 2021, 68, e29172.	1.5	3
32	Predictors of Cognitive Performance Among Infants Treated for Brain Tumors: Findings From a Multisite, Prospective, Longitudinal Trial. Journal of Clinical Oncology, 2021, 39, 2350-2358.	1.6	9
33	Abstract 1357: Population pharmacokinetic analysis of crizotinib in children with progressive/recurrent high-grade and diffuse intrinsic pontine gliomas. , 2021, , .		1
34	Children's Oncology Group Phase III Trial of Reduced-Dose and Reduced-Volume Radiotherapy With Chemotherapy for Newly Diagnosed Average-Risk Medulloblastoma. Journal of Clinical Oncology, 2021, 39, 2685-2697.	1.6	91
35	Lorlatinib in a Child with <i>ALK</i> -Fusion–Positive High-Grade Glioma. New England Journal of Medicine, 2021, 385, 761-763.	27.0	27
36	Efficacy of Carboplatin and Isotretinoin in Children With High-risk Medulloblastoma. JAMA Oncology, 2021, 7, 1313.	7.1	61

#	Article	IF	CITATIONS
37	Population pharmacokinetic analysis of crizotinib in children with progressive/recurrent high-grade and diffuse intrinsic pontine gliomas. Cancer Chemotherapy and Pharmacology, 2021, 88, 1009-1020.	2.3	6
38	Second Paediatric Strategy Forum for anaplastic lymphoma kinase (ALK) inhibition in paediatric malignancies. European Journal of Cancer, 2021, 157, 198-213.	2.8	34
39	Anatomic Neuroimaging Characteristics of Posterior Fossa Type A Ependymoma Subgroups. American Journal of Neuroradiology, 2021, 42, 2245-2250.	2.4	9
40	Serial assessment of measurable residual disease in medulloblastoma liquid biopsies. Cancer Cell, 2021, 39, 1519-1530.e4.	16.8	64
41	BIOM-36. SERIAL ASSESSMENT OF MEASURABLE RESIDUAL DISEASE IN MEDULLOBLASTOMA LIQUID BIOPSIES. Neuro-Oncology, 2021, 23, vi18-vi19.	1.2	0
42	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. Neuro-Oncology Advances, 2021, 3, vdab179.	0.7	5
43	Germline <i>GPR161</i> Mutations Predispose to Pediatric Medulloblastoma. Journal of Clinical Oncology, 2020, 38, 43-50.	1.6	50
44	Pharmacokinetic basis for dosing highâ€dose methotrexate in infants and young children with malignant brain tumours. British Journal of Clinical Pharmacology, 2020, 86, 362-371.	2.4	17
45	Risk-adapted therapy and biological heterogeneity in pineoblastoma: integrated clinico-pathological analysis from the prospective, multi-center SJMB03 and SJYC07 trials. Acta Neuropathologica, 2020, 139, 259-271.	7.7	36
46	Pineoblastoma segregates into molecular sub-groups with distinct clinico-pathologic features: a Rare Brain Tumor Consortium registry study. Acta Neuropathologica, 2020, 139, 223-241.	7.7	65
47	Phase II Study of Nonmetastatic Desmoplastic Medulloblastoma in Children Younger Than 4 Years of Age: A Report of the Children's Oncology Group (ACNS1221). Journal of Clinical Oncology, 2020, 38, 223-231.	1.6	40
48	Spinal changes after craniospinal irradiation in pediatric patients. Pediatric Blood and Cancer, 2020, 67, e28728.	1.5	8
49	Anesthesia Exposure during Therapy Predicts Neurocognitive Outcomes in Survivors of Childhood Medulloblastoma. Journal of Pediatrics, 2020, 223, 141-147.e4.	1.8	20
50	Medulloblastoma: Improving cure rates in tandem with reduction in shortâ€ŧerm toxicities and longâ€ŧerm treatmentâ€ŧelated morbidities. Pediatric Blood and Cancer, 2020, 67, e28645.	1.5	1
51	WNT-activated embryonal tumors of the pineal region: ectopic medulloblastomas or a novel pineoblastoma subgroup?. Acta Neuropathologica, 2020, 140, 595-597.	7.7	7
52	Height after photon craniospinal irradiation in pediatric patients treated for central nervous system embryonal tumors. Pediatric Blood and Cancer, 2020, 67, e28617.	1.5	7
53	Association of Hearing Impairment With Neurocognition in Survivors of Childhood Cancer. JAMA Oncology, 2020, 6, 1363.	7.1	32
54	Neuroimaging Findings in Children with Constitutional Mismatch Repair Deficiency Syndrome. American Journal of Neuroradiology, 2020, 41, 904-910.	2.4	2

#	Article	IF	CITATIONS
55	Incidence and Outcomes of CNS Tumors in Chinese Children: Comparative Analysis With the Surveillance, Epidemiology, and End Results Program. JCO Global Oncology, 2020, 6, 704-721.	1.8	11
56	Patient-derived orthotopic xenografts of pediatric brain tumors: a St. Jude resource. Acta Neuropathologica, 2020, 140, 209-225.	7.7	45
57	Exposure–Toxicity Association of Cyclophosphamide and Its Metabolites in Infants and Young Children with Primary Brain Tumors: Implications for Dosing. Clinical Cancer Research, 2020, 26, 1563-1573.	7.0	14
58	Germline Elongator mutations in Sonic Hedgehog medulloblastoma. Nature, 2020, 580, 396-401.	27.8	94
59	Risk stratification in pediatric low-grade glioma and glioneuronal tumor treated with radiation therapy: an integrated clinicopathologic and molecular analysis. Neuro-Oncology, 2020, 22, 1203-1213.	1.2	12
60	Efficacy of High-Dose Chemotherapy and Three-Dimensional Conformal Radiation for Atypical Teratoid/Rhabdoid Tumor: A Report From the Children's Oncology Group Trial ACNS0333. Journal of Clinical Oncology, 2020, 38, 1175-1185.	1.6	102
61	Bridging the Gap in Access to Care for Children With CNS Tumors Worldwide. JCO Global Oncology, 2020, 6, 583-584.	1.8	10
62	Genomics Paves the Way for Better Infant Medulloblastoma Therapy. Journal of Clinical Oncology, 2020, 38, 2010-2013.	1.6	14
63	Clinical, imaging, and molecular analysis of pediatric pontine tumors lacking characteristic imaging features of DIPG. Acta Neuropathologica Communications, 2020, 8, 57.	5.2	32
64	MRI Patterns of Extrapontine Lesion Extension in Diffuse Intrinsic Pontine Gliomas. American Journal of Neuroradiology, 2020, 41, 323-330.	2.4	11
65	Phase I study of vemurafenib in children with recurrent or progressive BRAFV600E mutant brain tumors: Pacific Pediatric Neuro-Oncology Consortium study (PNOC-002). Oncotarget, 2020, 11, 1942-1952.	1.8	45
66	Safety and efficacy of brainstem biopsy in children and young adults. Journal of Neurosurgery: Pediatrics, 2020, 26, 552-562.	1.3	16
67	Pharmacokinetics and safety of erlotinib and its metabolite OSI-420 in infants and children with primary brain tumors. Cancer Chemotherapy and Pharmacology, 2019, 84, 829-838.	2.3	6
68	Long-term visual acuity outcomes after radiation therapy for sporadic optic pathway glioma. Journal of Neuro-Oncology, 2019, 144, 603-610.	2.9	14
69	Resolving medulloblastoma cellular architecture by single-cell genomics. Nature, 2019, 572, 74-79.	27.8	273
70	Evaluating pediatric spinal low-grade gliomas: a 30-year retrospective analysis. Journal of Neuro-Oncology, 2019, 145, 519-529.	2.9	11
71	Diagnostic delay in children with central nervous system tumors and the need to improve education. Journal of Neuro-Oncology, 2019, 145, 591-592.	2.9	9
72	Hypothalamic-Pituitary Disorders in Childhood Cancer Survivors: Prevalence, Risk Factors and Long-Term Health Outcomes. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 6101-6115.	3.6	54

#	Article	IF	CITATIONS
73	Phase II Trial of Response-Based Radiation Therapy for Patients With Localized CNS Nongerminomatous Germ Cell Tumors: A Children's Oncology Group Study. Journal of Clinical Oncology, 2019, 37, 3283-3290.	1.6	78
74	Molecular genetics of medulloblastoma in children: diagnostic, therapeutic and prognostic implications. Future Neurology, 2019, 14, FNL8.	0.5	18
75	Reply to â€ <sup>~</sup> Assembling the brain trust: the multidisciplinary imperative in neuro-oncology'. Nature Reviews Clinical Oncology, 2019, 16, 522-523.	27.6	0
76	Second-generation molecular subgrouping of medulloblastoma: an international meta-analysis of Group 3 and Group 4 subtypes. Acta Neuropathologica, 2019, 138, 309-326.	7.7	180
77	Cognitive Implications of Ototoxicity in Pediatric Patients With Embryonal Brain Tumors. Journal of Clinical Oncology, 2019, 37, 1566-1575.	1.6	33
78	Association between hippocampal dose and memory in survivors of childhood or adolescent low-grade glioma: a 10-year neurocognitive longitudinal study. Neuro-Oncology, 2019, 21, 1175-1183.	1.2	46
79	Molecular grouping and outcomes of young children with newly diagnosed ependymoma treated on the multi-institutional SJYC07 trial. Neuro-Oncology, 2019, 21, 1319-1330.	1.2	63
80	Challenges to curing primary brain tumours. Nature Reviews Clinical Oncology, 2019, 16, 509-520.	27.6	540
81	Precision medicine for pediatric central nervous system tumors. Expert Review of Precision Medicine and Drug Development, 2019, 4, 55-57.	0.7	1
82	Medulloblastoma. Nature Reviews Disease Primers, 2019, 5, 11.	30.5	376
83	Comprehensive Analysis of Chromatin States in Atypical Teratoid/Rhabdoid Tumor Identifies Diverging Roles for SWI/SNF and Polycomb in Gene Regulation. Cancer Cell, 2019, 35, 95-110.e8.	16.8	65
84	Computerized assessment of cognitive impairment among children undergoing radiation therapy for medulloblastoma. Journal of Neuro-Oncology, 2019, 141, 403-411.	2.9	21
85	Neuropsychological outcomes of patients with low-grade glioma diagnosed during the first year of life. Journal of Neuro-Oncology, 2019, 141, 413-420.	2.9	16
86	Conformal Radiation Therapy for Pediatric Patients with Low-Grade Glioma: Results from the Children's Oncology Group PhaseÂ2 Study ACNS0221. International Journal of Radiation Oncology Biology Physics, 2019, 103, 861-868.	0.8	42
87	Treatment burden and longâ€ŧerm health deficits of patients with lowâ€grade gliomas or glioneuronal tumors diagnosed during the first year of life. Cancer, 2019, 125, 1163-1175.	4.1	16
88	Targeted Therapies for Pediatric Central Nervous System Tumors. , 2019, , 375-382.		0
89	Reoperation for Medulloblastoma Prior to Adjuvant Therapy. Neurosurgery, 2019, 84, 1050-1058.	1.1	7
90	Isolated Optic Nerve Glioma in Children With and Without Neurofibromatosis: Retrospective Characterization and Analysis of Outcomes. Journal of Child Neurology, 2018, 33, 375-382.	1.4	12

#	Article	IF	CITATIONS
91	Phase 1 trial, pharmacokinetics, and pharmacodynamics of dasatinib combined with crizotinib in children with recurrent or progressive highâ€grade and diffuse intrinsic pontine glioma. Pediatric Blood and Cancer, 2018, 65, e27035.	1.5	36
92	Ovulation induction and oocyte retrieval for fertility preservation in young adolescents newly diagnosed with medulloblastoma: a case series. Journal of Obstetrics and Gynaecology, 2018, 38, 878-879.	0.9	7
93	Profound hearing loss following surgery in pediatric patients with posterior fossa low-grade glioma. Neuro-Oncology Practice, 2018, 5, 96-103.	1.6	2
94	Malignant rhabdoid tumors originating within and outside the central nervous system are clinically and molecularly heterogeneous. Acta Neuropathologica, 2018, 136, 315-326.	7.7	26
95	Establishing a Preclinical Multidisciplinary Board for Brain Tumors. Clinical Cancer Research, 2018, 24, 1654-1666.	7.0	12
96	DNA methylation-based classification of central nervous system tumours. Nature, 2018, 555, 469-474.	27.8	1,872
97	Bithalamic gliomas may be molecularly distinct from their unilateral highâ€grade counterparts. Brain Pathology, 2018, 28, 112-120.	4.1	26
98	Mortality in children with lowâ€grade glioma or glioneuronal tumors: A singleâ€institution study. Pediatric Blood and Cancer, 2018, 65, e26717.	1.5	13
99	Attainment of Functional and Social Independence in Adult Survivors of Pediatric CNS Tumors: A Report From the St Jude Lifetime Cohort Study. Journal of Clinical Oncology, 2018, 36, 2762-2769.	1.6	50
100	Extensive Molecular and Clinical Heterogeneity in Patients With Histologically Diagnosed CNS-PNET Treated as a Single Entity: A Report From the Children's Oncology Group Randomized ACNS0332 Trial. Journal of Clinical Oncology, 2018, 36, 3388-3395.	1.6	58
101	Determining success rates of the current pharmacokinetically guided dosing approach of topotecan in pediatric oncology patients. Pediatric Blood and Cancer, 2018, 66, e27578.	1.5	3
102	Tectal glioma as a distinct diagnostic entity: a comprehensive clinical, imaging, histologic and molecular analysis. Acta Neuropathologica Communications, 2018, 6, 101.	5.2	30
103	Risk-adapted therapy for young children with medulloblastoma (SJYC07): therapeutic and molecular outcomes from a multicentre, phase 2 trial. Lancet Oncology, The, 2018, 19, 768-784.	10.7	151
104	Neurologic impairments from pediatric lowâ€grade glioma by tumor location and timing of diagnosis. Pediatric Blood and Cancer, 2018, 65, e27063.	1.5	19
105	Spectrum and prevalence of genetic predisposition in medulloblastoma: a retrospective genetic study and prospective validation in a clinical trial cohort. Lancet Oncology, The, 2018, 19, 785-798.	10.7	268
106	Molecular heterogeneity and CXorf67 alterations in posterior fossa group A (PFA) ependymomas. Acta Neuropathologica, 2018, 136, 211-226.	7.7	199
107	Pediatric low-grade gliomas: implications of the biologic era. Neuro-Oncology, 2017, 19, now209.	1.2	73
108	Children with dorsal midbrain syndrome as a result of pineal tumors. Journal of AAPOS, 2017, 21, 34-38.	0.3	12

#	Article	IF	CITATIONS
109	A Phase II feasibility study of oral etoposide given concurrently with radiotherapy followed by dose intensive adjuvant chemotherapy for children with newly diagnosed highâ€risk medulloblastoma (protocol POG 9631): A report from the Children's Oncology Group. Pediatric Blood and Cancer, 2017, 64. e26373.	1.5	25
110	Posterior fossa syndrome and long-term neuropsychological outcomes among children treated for medulloblastoma on a multi-institutional, prospective study. Neuro-Oncology, 2017, 19, 1673-1682.	1.2	68
111	The whole-genome landscape of medulloblastoma subtypes. Nature, 2017, 547, 311-317.	27.8	787
112	The current consensus on the clinical management of intracranial ependymoma and its distinct molecular variants. Acta Neuropathologica, 2017, 133, 5-12.	7.7	271
113	Irreversible growth plate fusions in children with medulloblastoma treated with a targeted hedgehog pathway inhibitor. Oncotarget, 2017, 8, 69295-69302.	1.8	99
114	Imaging Patterns and Outcome of Posterior Reversible Encephalopathy Syndrome During Childhood Cancer Treatment. Pediatric Blood and Cancer, 2016, 63, 523-526.	1.5	54
115	Central precocious puberty following the diagnosis and treatment of paediatric cancer and central nervous system tumours: presentation and longâ€ŧerm outcomes. Clinical Endocrinology, 2016, 84, 361-371.	2.4	45
116	Integrated (epi)-Genomic Analyses Identify Subgroup-Specific Therapeutic Targets in CNS Rhabdoid Tumors. Cancer Cell, 2016, 30, 891-908.	16.8	191
117	Determination of methotrexate, 7-hydroxymethotrexate, and 2,4-diamino- <i>N</i> sup>10-methylpteroic acid by LC–MS/MS in plasma and cerebrospinal fluid and application in a pharmacokinetic analysis of high-dose methotrexate. Journal of Liquid Chromatography and Related Technologies. 2016. 39. 745-751.	1.0	21
118	Risk stratification of childhood medulloblastoma in the molecular era: the current consensus. Acta Neuropathologica, 2016, 131, 821-831.	7.7	478
119	Clinical Characteristics and Long-Term Outcomes of Movement Disorders in Childhood Thalamic Tumors. Pediatric Neurology, 2016, 65, 71-77.	2.1	4
120	Hypothalamic-Pituitary Axis Dysfunction in Survivors of Childhood CNS Tumors: Importance of Systematic Follow-Up and Early Endocrine Consultation. Journal of Clinical Oncology, 2016, 34, 4315-4319.	1.6	31
121	Metastatic Lowâ€Grade Gliomas in Children: 20 Years' Experience at St. Jude Children's Research Hospital. Pediatric Blood and Cancer, 2016, 63, 62-70.	1.5	42
122	Phase II evaluation of sunitinib in the treatment of recurrent or refractory highâ€grade glioma or ependymoma in children: a children's Oncology Group Study ACNS1021. Cancer Medicine, 2016, 5, 1416-1424.	2.8	53
123	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
124	Children with minimal chance for cure: parent proxy of the child's health-related quality of life and the effect on parental physical and mental health during treatment. Journal of Neuro-Oncology, 2016, 129, 373-381.	2.9	23
125	Functional MRI in medulloblastoma survivors supports prophylactic reading intervention during tumor treatment. Brain Imaging and Behavior, 2016, 10, 258-271.	2.1	17
126	Genetic alterations in uncommon low-grade neuroepithelial tumors: BRAF, FGFR1, and MYB mutations occur at high frequency and align with morphology. Acta Neuropathologica, 2016, 131, 833-845.	7.7	288

#	Article	IF	CITATIONS
127	Preclinical studies of 5-fluoro-2′-deoxycytidine and tetrahydrouridine in pediatric brain tumors. Journal of Neuro-Oncology, 2016, 126, 225-234.	2.9	11
128	Atypical Teratoid/Rhabdoid Tumors Are Comprised of Three Epigenetic Subgroups with Distinct Enhancer Landscapes. Cancer Cell, 2016, 29, 379-393.	16.8	438
129	New Brain Tumor Entities Emerge from Molecular Classification of CNS-PNETs. Cell, 2016, 164, 1060-1072.	28.9	702
130	Gliomatosis cerebri in children shares molecular characteristics with other pediatric gliomas. Acta Neuropathologica, 2016, 131, 299-307.	7.7	38
131	Pubertal development and primary ovarian insufficiency in female survivors of embryonal brain tumors following riskâ€adapted craniospinal irradiation and adjuvant chemotherapy. Pediatric Blood and Cancer, 2015, 62, 329-334.	1.5	20
132	Treatmentâ€induced hearing loss and adult social outcomes in survivors of childhood CNS and non NS solid tumors: Results from the St. Jude Lifetime Cohort Study. Cancer, 2015, 121, 4053-4061.	4.1	56
133	Residual Strabismus in Children Following Improvement of Cranial Nerve Palsies Affecting Ocular Ductions. American Orthoptic Journal, 2015, 65, 87-93.	0.3	1
134	A pilot study using carboplatin, vincristine, and temozolomide in children with progressive/symptomatic low-grade glioma: a Children's Oncology Group study. Neuro-Oncology, 2015, 17, 1132-1138.	1.2	33
135	Phase I study of 5-fluorouracil in children and young adults with recurrent ependymoma. Neuro-Oncology, 2015, 17, 1620-1627.	1.2	24
136	The management of children and adolescents with medulloblastoma in low and middle income countries. Pediatric Blood and Cancer, 2015, 62, 549-550.	1.5	8
137	Common variants in ACYP2 influence susceptibility to cisplatin-induced hearing loss. Nature Genetics, 2015, 47, 263-266.	21.4	109
138	Alisertib is active as single agent in recurrent atypical teratoid rhabdoid tumors in 4 children. Neuro-Oncology, 2015, 17, 882-888.	1.2	64
139	Vismodegib Exerts Targeted Efficacy Against Recurrent Sonic Hedgehog–Subgroup Medulloblastoma: Results From Phase II Pediatric Brain Tumor Consortium Studies PBTC-025B and PBTC-032. Journal of Clinical Oncology, 2015, 33, 2646-2654.	1.6	368
140	Anterior Hypopituitarism in Adult Survivors of Childhood Cancers Treated With Cranial Radiotherapy: A Report From the St Jude Lifetime Cohort Study. Journal of Clinical Oncology, 2015, 33, 492-500.	1.6	216
141	Pediatric Brain Tumors: Innovative Genomic Information Is Transforming the Diagnostic and Clinical Landscape. Journal of Clinical Oncology, 2015, 33, 2986-2998.	1.6	175
142	Pulmonary Function After Treatment for Embryonal Brain Tumors on SJMB03 That Included Craniospinal Irradiation. International Journal of Radiation Oncology Biology Physics, 2015, 93, 47-53.	0.8	14
143	Brain Tumors. Pediatric Clinics of North America, 2015, 62, 167-178.	1.8	40
144	Subsequent neoplasms in survivors of childhood central nervous system tumors: risk after modern multimodal therapy. Neuro-Oncology, 2015, 17, 448-456.	1.2	44

#	Article	IF	CITATIONS
145	Reirradiation of recurrent medulloblastoma: Does clinical benefit outweigh risk for toxicity?. Cancer, 2014, 120, 3731-3737.	4.1	58
146	Working Memory Abilities Among Children Treated for Medulloblastoma: Parent Report and Child Performance. Journal of Pediatric Psychology, 2014, 39, 501-511.	2.1	34
147	Molecular characteristics of pediatric high-grade gliomas. CNS Oncology, 2014, 3, 433-443.	3.0	26
148	Examination of risk factors for intellectual and academic outcomes following treatment for pediatric medulloblastoma. Neuro-Oncology, 2014, 16, 1129-1136.	1.2	99
149	Phase II Trial of Erlotinib during and after Radiotherapy in Children with Newly Diagnosed High-Grade Gliomas. Frontiers in Oncology, 2014, 4, 67.	2.8	31
150	C110RF95-RELA FUSIONS DRIVE ONCOGENIC NF-KB SIGNALING IN EPENDYMOMA. Neuro-Oncology, 2014, 16, iii16-iii16.	1.2	1
151	Molecular Insights into Pediatric Brain Tumors Have the Potential to Transform Therapy. Clinical Cancer Research, 2014, 20, 5630-5640.	7.0	124
152	ED-27 * CLINICAL CHARACTERISTICS AND LONG-TERM OUTCOME IN MOVEMENT DISORDER IN CHILDHOOD THALAMIC TUMORS. Neuro-Oncology, 2014, 16, v71-v72.	1.2	0
153	Aprepitant Reduces Chemotherapy-Induced Vomiting in Children and Young Adults With Brain Tumors. Journal of Pediatric Oncology Nursing, 2014, 31, 277-283.	1.5	6
154	Cumulative cisplatin dose is not associated with eventâ€free or overall survival in children with newly diagnosed averageâ€risk medulloblastoma treated with cisplatin based adjuvant chemotherapy: Report from the Children's Oncology Group. Pediatric Blood and Cancer, 2014, 61, 102-106.	1.5	42
155	Pemetrexed and Gemcitabine as Combination Therapy for the Treatment of Group3 Medulloblastoma. Cancer Cell, 2014, 25, 516-529.	16.8	128
156	C11orf95–RELA fusions drive oncogenic NF-κB signalling in ependymoma. Nature, 2014, 506, 451-455.	27.8	559
157	Evaluation of amifostine for protection against cisplatin-induced serious hearing loss in children treated for average-risk or high-risk medulloblastoma. Neuro-Oncology, 2014, 16, 848-855.	1.2	62
158	Concordance between the chang and the International Society of Pediatric Oncology ( <scp>SIOP</scp> ) ototoxicity grading scales in patients treated with cisplatin for medulloblastoma. Pediatric Blood and Cancer, 2014, 61, 601-605.	1.5	36
159	Cytogenetic Prognostication Within Medulloblastoma Subgroups. Journal of Clinical Oncology, 2014, 32, 886-896.	1.6	263
160	Critical Combinations of Radiation Dose and Volume Predict Intelligence Quotient and Academic Achievement Scores After Craniospinal Irradiation in Children With Medulloblastoma. International Journal of Radiation Oncology Biology Physics, 2014, 90, 554-561.	0.8	65
161	The genomic landscape of diffuse intrinsic pontine glioma and pediatric non-brainstem high-grade glioma. Nature Genetics, 2014, 46, 444-450.	21.4	871
162	Enhancer hijacking activates GFI1 family oncogenes in medulloblastoma. Nature, 2014, 511, 428-434.	27.8	520

#	Article	IF	CITATIONS
163	Incidence of Germline Mutations in Cancer-Predisposition Genes in Children with Hematologic Malignancies: a Report from the Pediatric Cancer Genome Project. Blood, 2014, 124, 127-127.	1.4	9
164	The effects of propofol on cerebral perfusion MRI in children. Neuroradiology, 2013, 55, 1049-1056.	2.2	19
165	Prognostic value and functional consequences of cell cycle inhibitor p27Kip1 loss in medulloblastoma. Biomarker Research, 2013, 1, 14.	6.8	1
166	Processing Speed, Attention, and Working Memory After Treatment for Medulloblastoma: An International, Prospective, and Longitudinal Study. Journal of Clinical Oncology, 2013, 31, 3494-3500.	1.6	181
167	Phase I Study of Vismodegib in Children with Recurrent or Refractory Medulloblastoma: A Pediatric Brain Tumor Consortium Study. Clinical Cancer Research, 2013, 19, 6305-6312.	7.0	180
168	Survival and secondary tumors in children with medulloblastoma receiving radiotherapy and adjuvant chemotherapy: results of Children's Oncology Group trial A9961. Neuro-Oncology, 2013, 15, 97-103.	1.2	212
169	Children's Oncology Group's 2013 blueprint for research: Central nervous system tumors. Pediatric Blood and Cancer, 2013, 60, 1022-1026.	1.5	74
170	Whole-genome sequencing identifies genetic alterations in pediatric low-grade gliomas. Nature Genetics, 2013, 45, 602-612.	21.4	704
171	Bevacizumab (BVZ)â€associated toxicities in children with recurrent central nervous system tumors treated with BVZ and irinotecan (CPTâ€11). Cancer, 2013, 119, 4180-4187.	4.1	33
172	Parent-Reported Social Outcomes After Treatment for Pediatric Embryonal Tumors: A Prospective Longitudinal Study. Journal of Clinical Oncology, 2012, 30, 4134-4140.	1.6	36
173	White matter integrity is associated with cognitive processing in patients treated for a posterior fossa brain tumor. Neuro-Oncology, 2012, 14, 1185-1193.	1.2	74
174	Sequencing of Local Therapy Affects the Pattern of Treatment Failure and Survival in Children With Atypical Teratoid Rhabdoid Tumors of the Central Nervous System. International Journal of Radiation Oncology Biology Physics, 2012, 82, 1756-1763.	0.8	56
175	Necrosis After Craniospinal Irradiation: Results From a Prospective Series of Children With Central Nervous System Embryonal Tumors. International Journal of Radiation Oncology Biology Physics, 2012, 83, e655-e660.	0.8	59
176	Somatic histone H3 alterations in pediatric diffuse intrinsic pontine gliomas and non-brainstem glioblastomas. Nature Genetics, 2012, 44, 251-253.	21.4	1,402
177	Markers of survival and metastatic potential in childhood CNS primitive neuro-ectodermal brain tumours: an integrative genomic analysis. Lancet Oncology, The, 2012, 13, 838-848.	10.7	148
178	Current Treatment Options for Pediatric and Adult Patients With Ependymoma. Current Treatment Options in Oncology, 2012, 13, 465-477.	3.0	27
179	Novel mutations target distinct subgroups of medulloblastoma. Nature, 2012, 488, 43-48.	27.8	742
180	Isochromosome 17q, <i>MYC</i> amplification and large cell/anaplastic phenotype in a case of medullomyoblastoma with extracranial metastases. Pediatric Blood and Cancer, 2012, 59, 561-564.	1.5	8

#	Article	IF	CITATIONS
181	Molecular subgroups of medulloblastoma: the current consensus. Acta Neuropathologica, 2012, 123, 465-472.	7.7	1,536
182	Distinct disease-risk groups in pediatric supratentorial and posterior fossa ependymomas. Acta Neuropathologica, 2012, 124, 247-257.	7.7	101
183	An Integrated InÂVitro and InÂVivo High-Throughput Screen Identifies Treatment Leads for Ependymoma. Cancer Cell, 2011, 20, 384-399.	16.8	105
184	How parents cope with their child's diagnosis and treatment of an embryonal tumor: results of a prospective and longitudinal study. Journal of Neuro-Oncology, 2011, 105, 253-259.	2.9	12
185	Hemodynamic responses to visual stimulation in children with sickle cell anemia. Brain Imaging and Behavior, 2011, 5, 295-306.	2.1	28
186	Integrative Genomic Analysis of Medulloblastoma Identifies a Molecular Subgroup That Drives Poor Clinical Outcome. Journal of Clinical Oncology, 2011, 29, 1424-1430.	1.6	609
187	Genome-Wide Analyses Identify Recurrent Amplifications of Receptor Tyrosine Kinases and Cell-Cycle Regulatory Genes in Diffuse Intrinsic Pontine Glioma. Journal of Clinical Oncology, 2011, 29, 3999-4006.	1.6	286
188	MYB upregulation and genetic aberrations in a subset of pediatric low-grade gliomas. Acta Neuropathologica, 2010, 120, 731-743.	7.7	61
189	Prospective collection of tissue samples at autopsy in children with diffuse intrinsic pontine glioma. Cancer, 2010, 116, 4632-4637.	4.1	70
190	Role of highâ€dose chemotherapy for recurrent medulloblastoma and other CNS primitive neuroectodermal tumors. Pediatric Blood and Cancer, 2010, 54, 649-651.	1.5	50
191	Cross-species genomics matches driver mutations and cell compartments to model ependymoma. Nature, 2010, 466, 632-636.	27.8	324
192	Subtypes of medulloblastoma have distinct developmental origins. Nature, 2010, 468, 1095-1099.	27.8	710
193	Integrated Molecular Genetic Profiling of Pediatric High-Grade Gliomas Reveals Key Differences With the Adult Disease. Journal of Clinical Oncology, 2010, 28, 3061-3068.	1.6	558
194	Phase I Trial of Lapatinib in Children With Refractory CNS Malignancies: A Pediatric Brain Tumor Consortium Study. Journal of Clinical Oncology, 2010, 28, 4221-4227.	1.6	71
195	Clinical Pharmacokinetics of Amifostine and WR1065 in Pediatric Patients with Medulloblastoma. Clinical Cancer Research, 2010, 16, 1049-1057.	7.0	11
196	Neurocognitive outcome 12 months following cerebellar mutism syndrome in pediatric patients with medulloblastoma. Neuro-Oncology, 2010, 12, 1311-7.	1.2	71
197	Activation of the ERK/MAPK pathway: a signature genetic defect in posterior fossa pilocytic astrocytomas. Journal of Pathology, 2009, 218, 172-181.	4.5	270
198	A pilot study of risk-adapted radiotherapy and chemotherapy in patients with supratentorial PNET. Neuro-Oncology, 2009, 11, 33-40.	1.2	69

#	Article	IF	CITATIONS
199	M1 Medulloblastoma: high risk at any age. Journal of Neuro-Oncology, 2008, 90, 351-355.	2.9	27
200	Highâ€dose chemotherapy with autologous stem cell rescue for children with recurrent malignant brain tumors. Cancer, 2008, 112, 1345-1353.	4.1	67
201	Highâ€dose chemotherapy for recurrent medulloblastoma. Cancer, 2008, 112, 1643-1645.	4.1	8
202	Multi-Institution Prospective Trial of Reduced-Dose Craniospinal Irradiation (23.4 Gy) Followed by Conformal Posterior Fossa (36 Gy) and Primary Site Irradiation (55.8 Gy) and Dose-Intensive Chemotherapy for Average-Risk Medulloblastoma. International Journal of Radiation Oncology Biology Physics, 2008, 70, 782-787.	0.8	158
203	Chemotherapy for Malignant Brain Tumors of Childhood. Journal of Child Neurology, 2008, 23, 1149-1159.	1.4	85
204	Amifostine Protects Against Cisplatin-Induced Ototoxicity in Children With Average-Risk Medulloblastoma. Journal of Clinical Oncology, 2008, 26, 3749-3755.	1.6	119
205	Endocrine Outcomes for Children With Embryonal Brain Tumors After Risk-Adapted Craniospinal and Conformal Primary-Site Irradiation and High-Dose Chemotherapy With Stem-Cell Rescue on the SJMB-96 Trial. Journal of Clinical Oncology, 2008, 26, 1112-1118.	1.6	174
206	Understanding the Cognitive Impact on Children Who are Treated for Medulloblastoma. Journal of Pediatric Psychology, 2007, 32, 1040-1049.	2.1	144
207	UGT1A1 Promoter Genotype Correlates With SN-38 Pharmacokinetics, but Not Severe Toxicity in Patients Receiving Low-Dose Irinotecan. Journal of Clinical Oncology, 2007, 25, 2594-2600.	1.6	84
208	Genomics Identifies Medulloblastoma Subgroups That Are Enriched for Specific Genetic Alterations. Journal of Clinical Oncology, 2006, 24, 1924-1931.	1.6	617
209	Risk-adapted craniospinal radiotherapy followed by high-dose chemotherapy and stem-cell rescue in children with newly diagnosed medulloblastoma (St Jude Medulloblastoma-96): long-term results from a prospective, multicentre trial. Lancet Oncology, The, 2006, 7, 813-820.	10.7	811
210	Phase III Study of Craniospinal Radiation Therapy Followed by Adjuvant Chemotherapy for Newly Diagnosed Average-Risk Medulloblastoma. Journal of Clinical Oncology, 2006, 24, 4202-4208.	1.6	834
211	Current therapy for medulloblastoma. Current Treatment Options in Neurology, 2006, 8, 319-334.	1.8	64
212	Incidence and severity of postoperative cerebellar mutism syndrome in children with medulloblastoma: a prospective study by the Children's Oncology Group. Journal of Neurosurgery: Pediatrics, 2006, 105, 444-451.	1.3	183
213	Radial glia cells are candidate stem cells of ependymoma. Cancer Cell, 2005, 8, 323-335.	16.8	758
214	Molecular Biology of Medulloblastoma: Will It Ever Make a Difference to Clinical Management?. Journal of Neuro-Oncology, 2005, 75, 273-278.	2.9	27
215	Intellectual and Functional Outcome of Children 3 Years Old or Younger Who Have CNS Malignancies. Journal of Clinical Oncology, 2005, 23, 7152-7160.	1.6	129
216	Neurocognitive Consequences of Risk-Adapted Therapy for Childhood Medulloblastoma. Journal of Clinical Oncology, 2005, 23, 5511-5519.	1.6	339

#	Article	IF	CITATIONS
217	Phase I Clinical Trial of Mafosfamide in Infants and Children Aged 3 Years or Younger With Newly Diagnosed Embryonal Tumors: A Pediatric Brain Tumor Consortium Study (PBTC-001). Journal of Clinical Oncology, 2005, 23, 525-531.	1.6	42
218	Atypical Teratoid/Rhabdoid Tumors (ATRT): Improved Survival in Children 3 Years of Age and Older With Radiation Therapy and High-Dose Alkylator-Based Chemotherapy. Journal of Clinical Oncology, 2005, 23, 1491-1499.	1.6	384
219	Results of a Phase II Upfront Window of Pharmacokinetically Guided Topotecan in High-Risk Medulloblastoma and Supratentorial Primitive Neuroectodermal Tumor. Journal of Clinical Oncology, 2004, 22, 3357-3365.	1.6	74
220	White Matter Lesions Detected by Magnetic Resonance Imaging After Radiotherapy and High-Dose Chemotherapy in Children With Medulloblastoma or Primitive Neuroectodermal Tumor. Journal of Clinical Oncology, 2004, 22, 4551-4560.	1.6	129
221	Clinical, Histopathologic, and Molecular Markers of Prognosis: Toward a New Disease Risk Stratification System for Medulloblastoma. Journal of Clinical Oncology, 2004, 22, 984-993.	1.6	261
222	Late neurocognitive sequelae in survivors of brain tumours in childhood. Lancet Oncology, The, 2004, 5, 399-408.	10.7	744
223	What's new in neuro-oncology? Recent advances in medulloblastoma. European Journal of Paediatric Neurology, 2003, 7, 53-66.	1.6	90
224	Effect of intrapatient dosage escalation of irinotecan on its pharmacokinetics in pediatric patients who have high-grade gliomas and receive enzyme-inducing anticonvulsant therapy. Cancer, 2003, 97, 2374-2380.	4.1	14
225	Altered irinotecan pharmacokinetics in pediatric high-grade glioma patients receiving enzyme-inducing anticonvulsant therapy. Clinical Cancer Research, 2002, 8, 2202-9.	7.0	44
226	Immediate Neurocognitive Effects of Methylphenidate on Learning-Impaired Survivors of Childhood Cancer. Journal of Clinical Oncology, 2001, 19, 1802-1808.	1.6	177
227	Feasibility of Four Consecutive High-Dose Chemotherapy Cycles With Stem-Cell Rescue for Patients With Newly Diagnosed Medulloblastoma or Supratentorial Primitive Neuroectodermal Tumor After Craniospinal Radiotherapy: Results of a Collaborative Study. Journal of Clinical Oncology, 2001, 19, 2696-2704.	1.6	148
228	Patterns of Intellectual Development Among Survivors of Pediatric Medulloblastoma: A Longitudinal Analysis. Journal of Clinical Oncology, 2001, 19, 2302-2308.	1.6	356
229	Silent Lacunar Lesions Detected by Magnetic Resonance Imaging of Children With Brain Tumors: A Late Sequela of Therapy. Journal of Clinical Oncology, 2000, 18, 824-824.	1.6	80
230	Survival and Neurodevelopmental Outcome of Young Children With Medulloblastoma at St Jude Children's Research Hospital. Journal of Clinical Oncology, 1999, 17, 3720-3728.	1.6	212
231	Comparison of Lumbar and Shunt Cerebrospinal Fluid Specimens for Cytologic Detection of Leptomeningeal Disease in Pediatric Patients With Brain Tumors. Journal of Clinical Oncology, 1999, 17, 1825-1825.	1.6	89
232	Sex Differences in Prognosis for Children With Acute Lymphoblastic Leukemia. Journal of Clinical Oncology, 1999, 17, 818-818.	1.6	128
233	Comparison of CSF Cytology and Spinal Magnetic Resonance Imaging in the Detection of Leptomeningeal Disease in Pediatric Medulloblastoma or Primitive Neuroectodermal Tumor. Journal of Clinical Oncology, 1999, 17, 3234-3237.	1.6	111
234	Neurocognitive deficits in medulloblastoma survivors and white matter loss. Annals of Neurology, 1999, 46, 834-841.	5.3	204

#	Article	IF	CITATIONS
235	Algorithm for nutritional support: Experience of the metabolic and infusion support service of St. Jude Children's Research Hospital. International Journal of Cancer, 1998, 78, 76-80.	5.1	44
236	Carboplatin and etoposide with hyperfractionated radiotherapy in children with newly diagnosed diffuse pontine gliomas: A phase I/II study. , 1998, 30, 28-33.		56
237	A pilot study of vincristine, ifosfamide, and doxorubicin in the treatment of pediatric non-rhabdomyosarcoma soft tissue sarcomas. , 1998, 30, 210-216.		18
238	Pulmonary cryptosporidiosis andCryptococcus albidus fungemia in a child with acute lymphocytic leukemia. , 1998, 31, 544-546.		20
239	Pulmonary cryptosporidiosis and Cryptococcus albidus fungemia in a child with acute lymphocytic leukemia. Medical and Pediatric Oncology, 1998, 31, 544-546.	1.0	3
240	MeduUoblastoma with Brain Stem Involvement: The Impact of Gross Total Resection on Outcome. Pediatric Neurosurgery, 1996, 25, 182-187.	0.7	50
241	DNA index of glial tumors in children: Correlation with tumor grade and prognosis. Cancer, 1996, 78, 881-886.	4.1	5
242	Topoisomerase I interactive drugs in children with cancer. Investigational New Drugs, 1996, 14, 37-47.	2.6	42
243	Unusual Cutaneous Toxicity Following Treatment With Dactinomycin: A Report of Two Cases. Medical and Pediatric Oncology, 1995, 24, 329-333.	1.0	17
244	Low-grade astrocytoma with neuraxis dissemination at diagnosis. Journal of Neurosurgery, 1995, 83, 67-71.	1.6	96
245	Phase II study of alisertib as a single agent for treating recurrent or progressive atypical teratoid/rhabdoid tumor. Neuro-Oncology, 0,	1.2	7