

Stefan M Pfister

List of Publications by Year in Descending Order

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

574
papers

57,205
citations

111
h-index

227
g-index

625
ext. papers

73,938
ext. citations

11.3
avg, IF

7.78
L-index

#	Paper	IF	Citations
574	Important Requirements for the Selection of Internal Standards during the Development of Desorption/Ionization Assays for Drug Quantification in Biological Matrices-A Practical Example.. <i>Molecules</i> , 2022 , 27,	4.8	1
573	Pleomorphic xanthoastrocytoma is a heterogeneous entity with pTERT mutations prognosticating shorter survival.. <i>Acta Neuropathologica Communications</i> , 2022 , 10, 5	7.3	2
572	Integrative gene network and functional analyses identify a prognostically relevant key regulator of metastasis in Ewing sarcoma.. <i>Molecular Cancer</i> , 2022 , 21, 1	42.1	3
571	Clinical and molecular characterization of isolated M1 disease in pediatric medulloblastoma: experience from the German HIT-MED studies.. <i>Journal of Neuro-Oncology</i> , 2022 , 157, 37	4.8	
570	Predictive modeling of resistance to SMO inhibition in a patient-derived orthotopic xenograft model of SHH medulloblastoma.. <i>Neuro-Oncology Advances</i> , 2022 , 4, v026	0.9	0
569	Rapid-CNS: rapid comprehensive adaptive nanopore-sequencing of CNS tumors, a proof-of-concept study.. <i>Acta Neuropathologica</i> , 2022 , 1	14.3	0
568	The genomic landscape of pediatric renal cell carcinomas.. <i>iScience</i> , 2022 , 25, 104167	6.1	0
567	MRI Radiogenomics of Pediatric Medulloblastoma: A Multicenter Study.. <i>Radiology</i> , 2022 , 212137	20.5	2
566	MODL-02. A novel Cre-conditional MYC-driven MB Group 3 transgenic mouse model shows traceable leptomeningeal dissemination.. <i>Neuro-Oncology</i> , 2022 , 24, i168-i168	1	
565	RARE-12. Pineoblastoma of children and young adults in a national population: An analysis of the HIT-MED study cohort. <i>Neuro-Oncology</i> , 2022 , 24, i11-i12	1	
564	HGG-50. Specific sensitivity of pediatric high-grade glioma with ATRX inactivation to PARP inhibitor combinations. <i>Neuro-Oncology</i> , 2022 , 24, i73-i73	1	
563	PATH-08. DNA methylation profiling improves routine diagnostics of paediatric CNS tumours: a prospective population-based study. <i>Neuro-Oncology</i> , 2022 , 24, i159-i160	1	
562	HGG-27. Understanding the role of PLAG family transcription factors in cortex development and tumorigenesis. <i>Neuro-Oncology</i> , 2022 , 24, i66-i66	1	
561	MODL-04. Drug screening in Disorders with Abnormal DNA Damage Response/Repair (DADDR) and in vivo validation. <i>Neuro-Oncology</i> , 2022 , 24, i168-i169	1	
560	MEDB-60. Medulloblastoma with extensive nodularity mimics cerebellar development and differentiates along the granular precursor lineage. <i>Neuro-Oncology</i> , 2022 , 24, i120-i120	1	
559	MEDB-38. Significance of CSF cytology and neurologic deterioration in relapsed medulloblastomas in the German HIT-REZ-97/-2005 Studies and the HIT-REZ-Register. <i>Neuro-Oncology</i> , 2022 , 24, i113-i114	1	
558	MEDB-14. Clinical outcome of pediatric medulloblastoma patients with Li-Fraumeni syndrome. <i>Neuro-Oncology</i> , 2022 , 24, i107-i107	1	

557	OTHR-32. The Pediatric Targeted Therapy 2.0 registry: robust molecular diagnostics for precision oncology. <i>Neuro-Oncology</i> , 2022 , 24, i154-i154	1	
556	PATH-13. Methylation analysis in the diagnosis of pediatric CNS tumors; a single center experience. <i>Neuro-Oncology</i> , 2022 , 24, i161-i161	1	
555	Analytical Performance Evaluation of New DESI Enhancements for Targeted Drug Quantification in Tissue Sections. <i>Pharmaceuticals</i> , 2022 , 15, 694	5.2	1
554	MEDB-41. Identifying a subgroup of patients with early childhood sonic hedgehog-activated medulloblastoma with unfavorable prognosis after treatment with radiation-sparing regimens including intraventricular methotrexate. <i>Neuro-Oncology</i> , 2022 , 24, i114-i115	1	
553	PATH-03. Clinically Tractable Outcome Prediction of Group 3/4 Medulloblastoma Based on TPD52 Immunohistochemistry: a Multicohort Study. <i>Neuro-Oncology</i> , 2022 , 24, i158-i158	1	
552	HGG-11. Clinical characteristics and clinical evolution of a large cohort of pediatric patients with primary central nervous system (CNS) tumors and tropomyosin receptor kinase (TRK) fusion.. <i>Neuro-Oncology</i> , 2022 , 24, i61-i62	1	
551	MEDB-36. Clinical and molecular heterogeneity within MYC and MYCN amplified medulloblastoma. <i>Neuro-Oncology</i> , 2022 , 24, i113-i113	1	
550	LGG-14. LOGGIC (Low Grade Glioma in Children) Core BioClinical Data Bank: Establishment and added clinical value of an international molecular diagnostic registry for pediatric low-grade glioma patients. <i>Neuro-Oncology</i> , 2022 , 24, i90-i90	1	
549	MEDB-15. Dynamic chromatin alteration induces oncogenic hijacking by essential transcriptional factors during SHH medulloblastoma tumorigenesis. <i>Neuro-Oncology</i> , 2022 , 24, i107-i108	1	
548	MODL-07. DNA methylation-based biobank of murine models for pediatric tumors. <i>Neuro-Oncology</i> , 2022 , 24, i169-i170	1	
547	EPEN-28. Oncogenic dependency of pediatric ependymomas on extracellular vesicle pathways. <i>Neuro-Oncology</i> , 2022 , 24, i45-i45	1	
546	IMMU-04. Transcriptional analysis reveals distinct microenvironmental subgroups across pediatric nervous system tumors. <i>Neuro-Oncology</i> , 2022 , 24, i81-i81	1	
545	HGG-61. Landscape of cancer predisposition in pediatric high-grade glioma. <i>Neuro-Oncology</i> , 2022 , 24, i76-i76	1	
544	EPEN-09. Multi-omics characterization of the blood-brain barrier in molecular groups of ependymoma. <i>Neuro-Oncology</i> , 2022 , 24, i40-i40	1	
543	DIPG-19. FOXR2 is an oncogenic driver across pediatric and adult cancers. <i>Neuro-Oncology</i> , 2022 , 24, i21-i22	1	
542	PATH-11. Detection of genetic and epigenetic alterations in Liquid Biopsies from pediatric brain tumor patients. <i>Neuro-Oncology</i> , 2022 , 24, i160-i161	1	
541	MEDB-04. Young children with metastatic medulloblastoma: frequent requirement for radiotherapy in children with non-WNT/non-SHH medulloblastoma despite highly intensified chemotherapy [Results of the MET-HIT2000-BIS4 trial. <i>Neuro-Oncology</i> , 2022 , 24, i104-i104	1	
540	RARE-15. Astroblastoma, MN1 altered comprises two molecularly and clinically distinct subgroups defined by the fusion partners BEND2 and CXXC5. <i>Neuro-Oncology</i> , 2022 , 24, i12-i13	1	

539	THER-01. Precision brain tumor therapy by AAV-mediated oncogene editing. <i>Neuro-Oncology</i> , 2022 , 24, i185-i186		1
538	MODL-01. Targeting replication stress in pediatric brain tumors. <i>Neuro-Oncology</i> , 2022 , 24, i168-i168		1
537	Target actionability review to evaluate CDK4/6 as a therapeutic target in paediatric solid and brain tumours. <i>European Journal of Cancer</i> , 2022 , 170, 196-208	7.5	1
536	EZH1P: a new piece of the puzzle towards understanding pediatric posterior fossa ependymoma. <i>Acta Neuropathologica</i> , 2021 , 143, 1	14.3	3
535	Target Actionability Review: a systematic evaluation of replication stress as a therapeutic target for paediatric solid malignancies.. <i>European Journal of Cancer</i> , 2021 , 162, 107-117	7.5	0
534	Systemic chemotherapy of pediatric recurrent ependymomas: results from the German HIT-REZ studies. <i>Journal of Neuro-Oncology</i> , 2021 , 155, 193-202	4.8	2
533	Genetic and epigenetic characterization of posterior pituitary tumors. <i>Acta Neuropathologica</i> , 2021 , 142, 1025-1043	14.3	1
532	Primary central nervous system sarcoma with DICER1 mutation-treatment results of a novel molecular entity in pediatric Peruvian patients. <i>Cancer</i> , 2021 ,	6.4	2
531	Integrated Molecular-Morphologic Meningioma Classification: A Multicenter Retrospective Analysis, Retrospectively and Prospectively Validated. <i>Journal of Clinical Oncology</i> , 2021 , 39, 3839-3852	2.2	8
530	A systematic analysis of genetic interactions and their underlying biology in childhood cancer. <i>Communications Biology</i> , 2021 , 4, 1139	6.7	0
529	Targeting integrated epigenetic and metabolic pathways in lethal childhood PFA ependymomas. <i>Science Translational Medicine</i> , 2021 , 13, eabc0497	17.5	3
528	Präzisionsonkologie und Phase-I/II-Netzwerke in der Kinderkrebsmedizin 2021 , 36, 485	0.2	
527	Spatial Dissection of Invasive Front from Tumor Mass Enables Discovery of Novel microRNA Drivers of Glioblastoma Invasion. <i>Advanced Science</i> , 2021 , 8, e2101923	13.6	2
526	Clear cell meningiomas are defined by a highly distinct DNA methylation profile and mutations in SMARCE1. <i>Acta Neuropathologica</i> , 2021 , 141, 281-290	14.3	9
525	Local and systemic therapy of recurrent ependymoma in children and adolescents: short- and long-term results of the E-HIT-REZ 2005 study. <i>Neuro-Oncology</i> , 2021 , 23, 1012-1023	1	10
524	The age of adult pilocytic astrocytoma cells. <i>Oncogene</i> , 2021 , 40, 2830-2841	9.2	2
523	Notch Signaling between Cerebellar Granule Cell Progenitors. <i>ENeuro</i> , 2021 , 8,	3.9	3
522	ZFTA-RELA Dictates Oncogenic Transcriptional Programs to Drive Aggressive Supratentorial Ependymoma. <i>Cancer Discovery</i> , 2021 , 11, 2200-2215	24.4	16

521	Translocations Constitute Ependymoma Chromatin Remodeling and Transcription Factors. <i>Cancer Discovery</i> , 2021 , 11, 2216-2229	24.4	13
520	Outcomes by Clinical and Molecular Features in Children With Medulloblastoma Treated With Risk-Adapted Therapy: Results of an International Phase III Trial (SJMB03). <i>Journal of Clinical Oncology</i> , 2021 , 39, 822-835	2.2	25
519	H3.3-K27M drives neural stem cell-specific gliomagenesis in a human iPSC-derived model. <i>Cancer Cell</i> , 2021 , 39, 407-422.e13	24.3	13
518	Glioblastomas with primitive neuronal component harbor a distinct methylation and copy-number profile with inactivation of TP53, PTEN, and RB1. <i>Acta Neuropathologica</i> , 2021 , 142, 179-189	14.3	5
517	Cross-Species Genomics Reveals Oncogenic Dependencies in ZFTA/C11orf95 Fusion-Positive Supratentorial Ependymomas. <i>Cancer Discovery</i> , 2021 , 11, 2230-2247	24.4	20
516	Clinicopathologic and molecular analysis of embryonal rhabdomyosarcoma of the genitourinary tract: evidence for a distinct DICER1-associated subgroup. <i>Modern Pathology</i> , 2021 , 34, 1558-1569	9.8	5
515	Cancer predisposition in pediatric neuro-oncology-practical approaches and ethical considerations. <i>Neuro-Oncology Practice</i> , 2021 , 8, 526-538	2.2	1
514	Carbon ion radiotherapy eradicates medulloblastomas with chromothripsis in an orthotopic Li-Fraumeni patient-derived mouse model. <i>Neuro-Oncology</i> , 2021 , 23, 2028-2041	1	1
513	Single cell derived mRNA signals across human kidney tumors. <i>Nature Communications</i> , 2021 , 12, 3896	17.4	4
512	FOXR2 Stabilizes MYCN Protein and Identifies Non-Amplified Neuroblastoma Patients With Unfavorable Outcome. <i>Journal of Clinical Oncology</i> , 2021 , 39, 3217-3228	2.2	4
511	EMBR-01. CLASS I HDAC INHIBITORS AND PLK1 INHIBITORS SYNERGIZE IN MYC-AMPLIFIED MEDULLOBLASTOMA. <i>Neuro-Oncology</i> , 2021 , 23, i5-i5	1	78
510	The 2021 WHO Classification of Tumors of the Central Nervous System: a summary. <i>Neuro-Oncology</i> , 2021 , 23, 1231-1251	1	708
509	EMBR-21. CLINICALLY TRACTABLE OUTCOME PREDICTION OF GROUP 3/4 MEDULLOBLASTOMA BASED ON TPD52 IMMUNOHISTOCHEMISTRY: A MULTICOHORT STUDY. <i>Neuro-Oncology</i> , 2021 , 23, i10-i10	1	78
508	IMMU-14. COMPUTATIONAL DECONVOLUTION OF TUMOR-INFILTRATING IMMUNE COMPONENTS IN PEDIATRIC NERVOUS SYSTEM TUMORS. <i>Neuro-Oncology</i> , 2021 , 23, i30-i30	1	78
507	International Consensus on Minimum Preclinical Testing Requirements for the Development of Innovative Therapies For Children and Adolescents with Cancer. <i>Molecular Cancer Therapeutics</i> , 2021 , 20, 1462-1468	6.1	3
506	From Sampling to Sequencing: A Liquid Biopsy Pre-Analytic Workflow to Maximize Multi-Layer Genomic Information from a Single Tube. <i>Cancers</i> , 2021 , 13,	6.6	3
505	High-Resolution Cartography of the Transcriptome and Methylome Landscapes of Diffuse Gliomas. <i>Cancers</i> , 2021 , 13,	6.6	4
504	LGG-04. MULTIOMIC ANALYSIS OF MAPK PATHWAY ACTIVITY IN PEDIATRIC PILOCYTIC ASTROCYTOMA. <i>Neuro-Oncology</i> , 2021 , 23, i31-i32	1	

503	Therapeutic implications of improved molecular diagnostics for rare CNS embryonal tumor entities: results of an international, retrospective study. <i>Neuro-Oncology</i> , 2021 , 23, 1597-1611	1	3
502	Bioanalysis of selinexor in mouse plasma micro-samples utilizing UPLC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021 , 1176, 122781	3.2	1
501	TMOD-03. A NOVEL MB GR3 TRANSGENIC MOUSE MODEL IS GENERATED BY MYCN AND P53 DEFECTS IN VENTRICULAR ZONE PROGENITORS.. <i>Neuro-Oncology</i> , 2021 , 23, i36-i36	1	
500	LGG-06. COMPREHENSIVE GENOMIC CHARACTERIZATION AND INTEGRATED CLINICAL ANALYSIS OF LOW-GRADE GLIOMAS IN CHILDREN WITH NEUROFIBROMATOSIS TYPE 1. <i>Neuro-Oncology</i> , 2021 , 23, i32-i32	1	78
499	EPCT-06. PRECISION ONCOLOGY IN THE PEDIATRIC TARGETED THERAPY 2.0 PROGRAM. <i>Neuro-Oncology</i> , 2021 , 23, i47-i48	1	78
498	EPEN-03. ZFTA/C11ORF95 FUSIONS DRIVE SUPRATENTORIAL EPENDYMOMA VIA SHARED ONCOGENIC MECHANISMS. <i>Neuro-Oncology</i> , 2021 , 23, i13-i14	1	78
497	LGG-11. BH3-MIMETICS TARGETING BCL-XL SELECTIVELY IMPACT THE SENESCENT COMPARTMENT OF PILOCYTIC ASTROCYTOMA. <i>Neuro-Oncology</i> , 2021 , 23, i33-i34	1	78
496	Development of Randomized Trials in Adults with Medulloblastoma-The Example of EORTC 1634-BTG/NOA-23. <i>Cancers</i> , 2021 , 13,	6.6	2
495	Emergence and maintenance of actionable genetic drivers at medulloblastoma relapse. <i>Neuro-Oncology</i> , 2021 ,	1	3
494	Intimal sarcomas and undifferentiated cardiac sarcomas carry mutually exclusive MDM2, MDM4, and CDK6 amplifications and share a common DNA methylation signature. <i>Modern Pathology</i> , 2021 , 34, 2122-2129	9.8	4
493	Second series by the Italian Association of Pediatric Hematology and Oncology of children and adolescents with intracranial ependymoma: an integrated molecular and clinical characterization with a long-term follow-up. <i>Neuro-Oncology</i> , 2021 , 23, 848-857	1	7
492	Downregulation of miR-326 and its host gene \square arrestin1 induces pro-survival activity of E2F1 and promotes medulloblastoma growth. <i>Molecular Oncology</i> , 2021 , 15, 523-542	7.9	5
491	Primary mismatch repair deficient IDH-mutant astrocytoma (PMMRDIA) is a distinct type with a poor prognosis. <i>Acta Neuropathologica</i> , 2021 , 141, 85-100	14.3	14
490	An extracellular vesicle-related gene expression signature identifies high-risk patients in medulloblastoma. <i>Neuro-Oncology</i> , 2021 , 23, 586-598	1	2
489	Super enhancers define regulatory subtypes and cell identity in neuroblastoma.. <i>Nature Cancer</i> , 2021 , 2, 114-128	15.4	15
488	Accurate calling of KIAA1549-BRAF fusions from DNA of human brain tumours using methylation array-based copy number and gene panel sequencing data. <i>Neuropathology and Applied Neurobiology</i> , 2021 , 47, 406-414	5.2	2
487	DNA methylation based glioblastoma subclassification is related to tumoral T-cell infiltration and patient survival. <i>Neuro-Oncology</i> , 2021 , 23, 240-250	1	9
486	A subset of pediatric-type thalamic gliomas share a distinct DNA methylation profile, H3K27me3 loss and frequent alteration of EGFR. <i>Neuro-Oncology</i> , 2021 , 23, 34-43	1	22

485	Reduced chromatin binding of MYC is a key effect of HDAC inhibition in MYC amplified medulloblastoma. <i>Neuro-Oncology</i> , 2021 , 23, 226-239	1	6
484	Thrombospondin-1 mimetics are promising novel therapeutics for MYC-associated medulloblastoma. <i>Neuro-Oncology Advances</i> , 2021 , 3, vdab002	0.9	0
483	ABCB1 inhibition provides a novel therapeutic target to block TWIST1-induced migration in medulloblastoma. <i>Neuro-Oncology Advances</i> , 2021 , 3, vdab030	0.9	
482	Small-molecule screen reveals synergy of cell cycle checkpoint kinase inhibitors with DNA-damaging chemotherapies in medulloblastoma. <i>Science Translational Medicine</i> , 2021 , 13,	17.5	7
481	Rapid MALDI-MS Assays for Drug Quantification in Biological Matrices: Lessons Learned, New Developments, and Future Perspectives. <i>Molecules</i> , 2021 , 26,	4.8	5
480	Clinical and molecular heterogeneity of pineal parenchymal tumors: a consensus study. <i>Acta Neuropathologica</i> , 2021 , 141, 771-785	14.3	9
479	Alternative lengthening of telomeres in childhood neuroblastoma from genome to proteome. <i>Nature Communications</i> , 2021 , 12, 1269	17.4	12
478	Molecular analysis of pediatric CNS-PNET revealed nosologic heterogeneity and potent diagnostic markers for CNS neuroblastoma with FOXR2-activation. <i>Acta Neuropathologica Communications</i> , 2021 , 9, 20	7.3	2
477	Integrated molecular analysis of adult sonic hedgehog (SHH)-activated medulloblastomas reveals two clinically relevant tumor subsets with VEGFA as potent prognostic indicator. <i>Neuro-Oncology</i> , 2021 , 23, 1576-1585	1	3
476	Alterations in Pediatric High-Risk Malignancies Identified Through European Clinical Sequencing Programs Constitute Promising Drug Targets.. <i>JCO Precision Oncology</i> , 2021 , 5, 450-454	3.6	
475	Integrated molecular and clinical analysis of low-grade gliomas in children with neurofibromatosis type 1 (NF1). <i>Acta Neuropathologica</i> , 2021 , 141, 605-617	14.3	9
474	Maturation Block in Childhood Cancer. <i>Cancer Discovery</i> , 2021 , 11, 542-544	24.4	4
473	Ultra high-risk PFA ependymoma is characterized by loss of chromosome 6q. <i>Neuro-Oncology</i> , 2021 , 23, 1360-1370	1	14
472	Clinical Outcomes and Patient-Matched Molecular Composition of Relapsed Medulloblastoma. <i>Journal of Clinical Oncology</i> , 2021 , 39, 807-821	2.2	7
471	PATZ1 fusions define a novel molecularly distinct neuroepithelial tumor entity with a broad histological spectrum. <i>Acta Neuropathologica</i> , 2021 , 142, 841-857	14.3	7
470	Recurrent fusions in PLAGL1 define a distinct subset of pediatric-type supratentorial neuroepithelial tumors. <i>Acta Neuropathologica</i> , 2021 , 142, 827-839	14.3	5
469	The Pediatric Precision Oncology INFORM Registry: Clinical Outcome and Benefit for Patients with Very High-Evidence Targets. <i>Cancer Discovery</i> , 2021 , 11, 2764-2779	24.4	22
468	Subgroup and subtype-specific outcomes in adult medulloblastoma. <i>Acta Neuropathologica</i> , 2021 , 142, 859-871	14.3	2

467	Developmental and evolutionary dynamics of cis-regulatory elements in mouse cerebellar cells. <i>Science</i> , 2021 , 373,	33.3	8
466	Radiation-induced gliomas represent H3-/IDH-wild type pediatric gliomas with recurrent PDGFRA amplification and loss of CDKN2A/B. <i>Nature Communications</i> , 2021 , 12, 5530	17.4	3
465	GOPC:ROS1 and other ROS1 fusions represent a rare but recurrent drug target in a variety of glioma types. <i>Acta Neuropathologica</i> , 2021 , 142, 1065-1069	14.3	1
464	Molecular profiling of pediatric meningiomas shows tumor characteristics distinct from adult meningiomas. <i>Acta Neuropathologica</i> , 2021 , 142, 873-886	14.3	1
463	Sarcoma classification by DNA methylation profiling. <i>Nature Communications</i> , 2021 , 12, 498	17.4	74
462	A Summary of the Inaugural WHO Classification of Pediatric Tumors: Transitioning from the Optical into the Molecular Era.. <i>Cancer Discovery</i> , 2021 ,	24.4	5
461	Molecular correlates of cerebellar mutism syndrome in medulloblastoma. <i>Neuro-Oncology</i> , 2020 , 22, 290-297	1	8
460	Evaluation of Prognostic Factors and Role of Participation in a Randomized Trial or a Prospective Registry in Pediatric and Adolescent Nonmetastatic Medulloblastoma - A Report From the HIT 2000 Trial. <i>Advances in Radiation Oncology</i> , 2020 , 5, 1158-1169	3.3	6
459	Systematic target actionability reviews of preclinical proof-of-concept papers to match targeted drugs to paediatric cancers. <i>European Journal of Cancer</i> , 2020 , 130, 168-181	7.5	4
458	An optimized workflow to improve reliability of detection of KIAA1549:BRAF fusions from RNA sequencing data. <i>Acta Neuropathologica</i> , 2020 , 140, 237-239	14.3	3
457	INFORM2 NivEnt: The first trial of the INFORM2 biomarker driven phase I/II trial series: the combination of nivolumab and entinostat in children and adolescents with refractory high-risk malignancies. <i>BMC Cancer</i> , 2020 , 20, 523	4.8	11
456	Histone H3 wild-type DIPG/DMG overexpressing EZHIP extend the spectrum diffuse midline gliomas with PRC2 inhibition beyond H3-K27M mutation. <i>Acta Neuropathologica</i> , 2020 , 139, 1109-1113	14.3	33
455	Germline Elongator mutations in Sonic Hedgehog medulloblastoma. <i>Nature</i> , 2020 , 580, 396-401	50.4	47
454	ETMR: a tumor entity in its infancy. <i>Acta Neuropathologica</i> , 2020 , 140, 249-266	14.3	20
453	CDKN2A/B homozygous deletion is associated with early recurrence in meningiomas. <i>Acta Neuropathologica</i> , 2020 , 140, 409-413	14.3	26
452	Implications of new understandings of gliomas in children and adults with NF1: report of a consensus conference. <i>Neuro-Oncology</i> , 2020 , 22, 773-784	1	21
451	Larotrectinib in patients with TRK fusion-positive solid tumours: a pooled analysis of three phase 1/2 clinical trials. <i>Lancet Oncology</i> , 2020 , 21, 531-540	21.7	279
450	Pilocytic astrocytoma demethylation and transcriptional landscapes link bZIP transcription factors to immune response. <i>Neuro-Oncology</i> , 2020 , 22, 1327-1338	1	4

449	Rapid and Sensitive Drug Quantification in Tissue Sections Using Matrix Assisted Laser Desorption Ionization-Ion Mobility-Mass Spectrometry Profiling. <i>Journal of the American Society for Mass Spectrometry</i> , 2020 , 31, 742-751	3.5	11
448	Pan-cancer analysis of whole genomes. <i>Nature</i> , 2020 , 578, 82-93	50.4	840
447	Nonmetastatic Medulloblastoma of Early Childhood: Results From the Prospective Clinical Trial HIT-2000 and An Extended Validation Cohort. <i>Journal of Clinical Oncology</i> , 2020 , 38, 2028-2040	2.2	21
446	Locoregionally administered B7-H3-targeted CAR T cells for treatment of atypical teratoid/rhabdoid tumors. <i>Nature Medicine</i> , 2020 , 26, 712-719	50.5	74
445	A Cell-Based MAPK Reporter Assay Reveals Synergistic MAPK Pathway Activity Suppression by MAPK Inhibitor Combination in -Driven Pediatric Low-Grade Glioma Cells. <i>Molecular Cancer Therapeutics</i> , 2020 , 19, 1736-1750	6.1	5
444	The pediatric precision oncology study INFORM: Clinical outcome and benefit for molecular subgroups.. <i>Journal of Clinical Oncology</i> , 2020 , 38, LBA10503-LBA10503	2.2	9
443	EPEN-09. IMPACT OF MOLECULAR SUBGROUP ON OUTCOME FOR INFANTS . <i>Neuro-Oncology</i> , 2020 , 22, iii309-iii309	1	78
442	QOL-13. NEUROCOGNITIVE OUTCOMES ACCORDING TO RISK-ADAPTED TREATMENT REGIMENS FOR CHILDREN OLDER THAN 4 WITH MEDULLOBLASTOMA AND POSTERIOR FOSSA EPENDYMOMA [RESULTS OF THE HIT2000 TRIAL. <i>Neuro-Oncology</i> , 2020 , 22, iii433-iii433	1	78
441	EPEN-36. THE TREATMENT OUTCOME OF PAEDIATRIC SUPRATENTORIAL C11ORF95-RELA FUSED EPENDYMOMA: A COMBINED REPORT FROM E-HIT SERIES AND AUSTRALIAN NEW ZEALAND CHILDREN'S HAEMATOLOGY/ONCOLOGY GROUP. <i>Neuro-Oncology</i> , 2020 , 22, iii315-iii315	1	78
440	MBCL-11. TIME TO RADIOTHERAPY IMPACTS SURVIVAL IN PEDIATRIC AND ADOLESCENT NON-METASTATIC MEDULLOBLASTOMA TREATED BY UPFRONT RADIOTHERAPY [A REPORT FROM THE HIT 2000 TRIAL. <i>Neuro-Oncology</i> , 2020 , 22, iii389-iii390	1	78
439	HGG-56. EXTENSIVE MOLECULAR HETEROGENEITY WITHIN H3-/IDH-WILDTYPE PEDIATRIC GLIOBLASTOMA. <i>Neuro-Oncology</i> , 2020 , 22, iii354-iii354	1	78
438	ETMR-21. META-ANALYSIS OF PINEAL REGION TUMOURS DEMONSTRATES MOLECULAR SUBGROUPS WITH DISTINCT CLINICO-PATHOLOGICAL FEATURES: A CONSENSUS STUDY. <i>Neuro-Oncology</i> , 2020 , 22, iii327-iii327	1	78
437	EPEN-18. CROSS-SPECIES GENOMICS IDENTIFIES GLI2 AS AN ONCOGENE OF C11orf95 FUSION-POSITIVE SUPRATENTORIAL EPENDYMOMA. <i>Neuro-Oncology</i> , 2020 , 22, iii311-iii311	1	78
436	EPEN-44. EXTRACELLULAR VESICLES OF SUPRATENTORIAL EPENDYMOMA RELA MEDIATE INTERACTIONS WITH CELLS OF THE TUMOR MICROENVIRONMENT. <i>Neuro-Oncology</i> , 2020 , 22, iii316-iii317	1	78
435	EPEN-39. CLINICAL STRATIFIED TREATMENT OF LOCALIZED PEDIATRIC INTRACRANIAL EPENDYMOMA WITH COMBINED LOCAL IRRADIATION AND CHEMOTHERAPY WITHIN THE PROSPECTIVE, MULTICENTER E-HIT TRIAL [THE MOLECULAR SUBGROUP MATTERS. <i>Neuro-Oncology</i> , 2020 , 22, iii315-iii316	1	0
434	MBRS-68. SINGLE NUCLEUS RNA-SEQUENCING DECIPHERS INTRATUMORAL HETEROGENEITY IN MEDULLOBLASTOMA WITH EXTENSIVE NODULARITY (MBEN). <i>Neuro-Oncology</i> , 2020 , 22, iii410-iii410	1	78
433	ETMR-03. THE ROLE OF FOXR2 IN PEDIATRIC BRAIN CANCER. <i>Neuro-Oncology</i> , 2020 , 22, iii323-iii323	1	1
432	Posterior fossa pilocytic astrocytomas with oligodendroglial features show frequent FGFR1 activation via fusion or mutation. <i>Acta Neuropathologica</i> , 2020 , 139, 403-406	14.3	6

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430	Machine learning workflows to estimate class probabilities for precision cancer diagnostics on DNA methylation microarray data. <i>Nature Protocols</i> , 2020 , 15, 479-512	18.8	34
429	YAP1-fusions in pediatric NF2-wildtype meningioma. <i>Acta Neuropathologica</i> , 2020 , 139, 215-218	14.3	24
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424	Transcriptional profiling of medulloblastoma with extensive nodularity (MBEN) reveals two clinically relevant tumor subsets with VSNL1 as potent prognostic marker. <i>Acta Neuropathologica</i> , 2020 , 139, 583-596	14.3	6
423	DNA methylation-based profiling of uterine neoplasms: a novel tool to improve gynecologic cancer diagnostics. <i>Journal of Cancer Research and Clinical Oncology</i> , 2020 , 146, 97-104	4.9	19
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415	Infratentorial IDH-mutant astrocytoma is a distinct subtype. <i>Acta Neuropathologica</i> , 2020 , 140, 569-581	14.3	17
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411	Germline Mutations Predispose to Pediatric Medulloblastoma. <i>Journal of Clinical Oncology</i> , 2020 , 38, 43-50	2.2	28
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6	TelomereHunter: telomere content estimation and characterization from whole genome sequencing data		11
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