

Michael D Taylor

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.

413
papers

35,564
citations

90
h-index

179
g-index

448
ext. papers

43,767
ext. citations

12.8
avg. IF

6.6
L-index

#	Paper	IF	Citations
413	Myocardial Parametric Mapping by Cardiac Magnetic Resonance Imaging in Pediatric Cardiology and Congenital Heart Disease.. <i>Circulation: Cardiovascular Imaging</i> , 2022 , CIRCIMAGING120012242	3.9	0
412	The biology of ependymomas and emerging novel therapies.. <i>Nature Reviews Cancer</i> , 2022 ,	31.3	1
411	Genomic predictors of response to PD-1 inhibition in children with germline DNA replication repair deficiency.. <i>Nature Medicine</i> , 2022 ,	50.5	2
410	A clinically compatible drug-screening platform based on organotypic cultures identifies vulnerabilities to prevent and treat brain metastasis.. <i>EMBO Molecular Medicine</i> , 2022 , e14552	12	2
409	EPEN-18. Oncogenic 3D genome conformations identify novel therapeutic targets in ependymoma. <i>Neuro-Oncology</i> , 2022 , 24, i42-i42	1	
408	MEDB-14. Clinical outcome of pediatric medulloblastoma patients with Li-Fraumeni syndrome. <i>Neuro-Oncology</i> , 2022 , 24, i107-i107	1	
407	MEDB-07. Long-term medical and functional outcomes of medulloblastoma survivors: a population-based, matched cohort study. <i>Neuro-Oncology</i> , 2022 , 24, i105-i105	1	
406	LGG-58. Understanding the transcriptional heterogeneity of pediatric low-grade gliomas and its implication for tumor pathophysiology. <i>Neuro-Oncology</i> , 2022 , 24, i101-i102	1	
405	DNA Polymerase and Mismatch Repair Exert Distinct Microsatellite Instability Signatures in Normal and Malignant Human Cells. <i>Cancer Discovery</i> , 2021 , 11, 1176-1191	24.4	19
404	Reevaluating surgery and re-irradiation for locally recurrent pediatric ependymoma-a multi-institutional study.. <i>Neuro-Oncology Advances</i> , 2021 , 3, vdab158	0.9	1
403	TMOD-25. LATENT SOX9-POSITIVE CELLS BEHIND MYC-DRIVEN MEDULLOBLASTOMA RELAPSE. <i>Neuro-Oncology</i> , 2021 , 23, vi220-vi221	1	
402	STEM-26. BLOOD-TUMOR BARRIER IS COMPOSED OF MECHANOSENSING TUMOR CELLS THAT MASK THERAPEUTIC VULNERABILITY. <i>Neuro-Oncology</i> , 2021 , 23, vi26-vi26	1	
401	Modeling human brain tumors in flies, worms, and zebrafish: From proof of principle to novel therapeutic targets. <i>Neuro-Oncology</i> , 2021 , 23, 718-731	1	0
400	The transcriptional landscape of Shh medulloblastoma. <i>Nature Communications</i> , 2021 , 12, 1749	17.4	7
399	Spatial concordance of DNA methylation classification in diffuse glioma. <i>Neuro-Oncology</i> , 2021 , 23, 2054-2065	5	
398	Systems pharmacogenomics identifies novel targets and clinically actionable therapeutics for medulloblastoma. <i>Genome Medicine</i> , 2021 , 13, 103	14.4	1
397	Emergence and maintenance of actionable genetic drivers at medulloblastoma relapse. <i>Neuro-Oncology</i> , 2021 ,	1	3

396	GLI3s Associated With Neuronal Differentiation in SHH-Activated and WNT-Activated Medulloblastoma. <i>Journal of Neuropathology and Experimental Neurology</i> , 2021 , 80, 129-136	3.1	2
395	The Transition from Quiescent to Activated States in Human Hematopoietic Stem Cells Is Governed by Dynamic 3D Genome Reorganization. <i>Cell Stem Cell</i> , 2021 , 28, 488-501.e10	18	11
394	Radiation-induced intracranial aneurysm presenting with acute hemorrhage in a child treated for medulloblastoma. <i>Childs Nervous System</i> , 2021 , 37, 1387-1389	1.7	1
393	Single-cell chromatin accessibility profiling of glioblastoma identifies an invasive cancer stem cell population associated with lower survival. <i>ELife</i> , 2021 , 10,	8.9	9
392	Mutations in the RAS/MAPK Pathway Drive Replication Repair-Deficient Hypermutated Tumors and Confer Sensitivity to MEK Inhibition. <i>Cancer Discovery</i> , 2021 , 11, 1454-1467	24.4	6
391	Ultra high-risk PFA ependymoma is characterized by loss of chromosome 6q. <i>Neuro-Oncology</i> , 2021 , 23, 1360-1370	1	14
390	Clinical Outcomes and Patient-Matched Molecular Composition of Relapsed Medulloblastoma. <i>Journal of Clinical Oncology</i> , 2021 , 39, 807-821	2.2	7
389	Subgroup and subtype-specific outcomes in adult medulloblastoma. <i>Acta Neuropathologica</i> , 2021 , 142, 859-871	14.3	2
388	Single allele loss-of-function mutations select and sculpt conditional cooperative networks in breast cancer. <i>Nature Communications</i> , 2021 , 12, 5238	17.4	0
387	Clinical phenotypes and prognostic features of embryonal tumours with multi-layered rosettes: a Rare Brain Tumor Registry study. <i>The Lancet Child and Adolescent Health</i> , 2021 , 5, 800-813	14.5	1
386	Molecular correlates of cerebellar mutism syndrome in medulloblastoma. <i>Neuro-Oncology</i> , 2020 , 22, 290-297	1	8
385	Tumor necrosis factor overcomes immune evasion in p53-mutant medulloblastoma. <i>Nature Neuroscience</i> , 2020 , 23, 842-853	25.5	22
384	Outcomes of BRAF V600E Pediatric Gliomas Treated With Targeted BRAF Inhibition. <i>JCO Precision Oncology</i> , 2020 , 4,	3.6	23
383	Early Lethality Due to a Novel Desmoplakin Variant Causing Infantile Epidermolysis Bullosa Simplex With Fragile Skin, Aplasia Cutis Congenita, and Arrhythmogenic Cardiomyopathy. <i>Circulation Genomic and Precision Medicine</i> , 2020 , 13, e002800	5.2	3
382	Reply to S.A. Milgrom et al. <i>Journal of Clinical Oncology</i> , 2020 , 38, 2212-2213	2.2	1
381	Eye Movements and White Matter are Associated with Emotional Control in Children Treated for Brain Tumors. <i>Journal of the International Neuropsychological Society</i> , 2020 , 26, 978-992	3.1	2
380	DDX3X Suppresses the Susceptibility of Hindbrain Lineages to Medulloblastoma. <i>Developmental Cell</i> , 2020 , 54, 455-470.e5	10.2	18
379	Pattern of Relapse and Treatment Response in WNT-Activated Medulloblastoma. <i>Cell Reports Medicine</i> , 2020 , 1,	18	11

378	HDAC and MAPK/ERK Inhibitors Cooperate To Reduce Viability and Stemness in Medulloblastoma. <i>Journal of Molecular Neuroscience</i> , 2020 , 70, 981-992	3.3	13
377	Immunohistochemical and nanoString-Based Subgrouping of Clinical Medulloblastoma Samples. <i>Journal of Neuropathology and Experimental Neurology</i> , 2020 , 79, 437-447	3.1	8
376	The AHR pathway represses TGF β /SMAD3 signalling and has a potent tumour suppressive role in SHH medulloblastoma. <i>Scientific Reports</i> , 2020 , 10, 148	4.9	9
375	Integrated Molecular and Clinical Analysis of 1,000 Pediatric Low-Grade Gliomas. <i>Cancer Cell</i> , 2020 , 37, 569-583.e5	24.3	92
374	Clinical impact of combined epigenetic and molecular analysis of pediatric low-grade gliomas. <i>Neuro-Oncology</i> , 2020 , 22, 1474-1483	1	14
373	Locoregional delivery of CAR T cells to the cerebrospinal fluid for treatment of metastatic medulloblastoma and ependymoma. <i>Nature Medicine</i> , 2020 , 26, 720-731	50.5	60
372	Medulloblastomas 2020 , 1997-2016		
371	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
370	Activated leukocyte cell adhesion molecule expression correlates with the WNT subgroup in medulloblastoma and is involved in regulating tumor cell proliferation and invasion. <i>PLoS ONE</i> , 2020 , 15, e0243272	3.7	2
369	MBRS-10. QUIESCENT SOX9-POSITIVE CELLS BEHIND MYC DRIVEN MEDULLOBLASTOMA RECURRENCE. <i>Neuro-Oncology</i> , 2020 , 22, iii400-iii400	1	78
368	LGG-55. OUTCOME OF BRAF V600E PEDIATRIC GLIOMAS TREATED WITH TARGETED BRAF INHIBITION. <i>Neuro-Oncology</i> , 2020 , 22, iii377-iii377	1	78
367	TBIO-15. MODELING DEVELOPMENTAL GENE EXPRESSION DYNAMICS AT CELLULAR RESOLUTION TO INTERPRET PEDIATRIC BRAIN TUMOR TRANSCRIPTIONAL PROGRAMS. <i>Neuro-Oncology</i> , 2020 , 22, iii469-iii469	1	78
366	Introduction. Pediatric brain tumor. <i>Neurosurgical Focus</i> , 2020 , 48, E1	4.2	
365	Metabolic Regulation of the Epigenome Drives Lethal Infantile Ependymoma. <i>Cell</i> , 2020 , 181, 1329-1345.e24	56.24	40
364	Medulloblastoma Arises from the Persistence of a Rare and Transient Sox2 Granule Neuron Precursor. <i>Cell Reports</i> , 2020 , 31, 107511	10.6	10
363	Expression of GNAS, TP53, and PTEN Improves the Patient Prognostication in Sonic Hedgehog (SHH) Medulloblastoma Subgroup. <i>Journal of Molecular Diagnostics</i> , 2020 , 22, 957-966	5.1	7
362	Postoperative isolated lower extremity supplementary motor area syndrome: case report and review of the literature. <i>Child's Nervous System</i> , 2020 , 36, 189-195	1.7	1
361	The molecular biology of medulloblastoma metastasis. <i>Brain Pathology</i> , 2020 , 30, 691-702	6	11

360	Medulloblastoma has a global impact on health related quality of life: Findings from an international cohort. <i>Cancer Medicine</i> , 2020 , 9, 447-459	4.8	6
359	Superior Intellectual Outcomes After Proton Radiotherapy Compared With Photon Radiotherapy for Pediatric Medulloblastoma. <i>Journal of Clinical Oncology</i> , 2020 , 38, 454-461	2.2	69
358	An OTX2-PAX3 signaling axis regulates Group 3 medulloblastoma cell fate. <i>Nature Communications</i> , 2020 , 11, 3627	17.4	8
357	European genetic ancestry associated with risk of childhood ependymoma. <i>Neuro-Oncology</i> , 2020 , 22, 1637-1646	1	5
356	Nailing a Fe-rocious form of cancer. <i>Science</i> , 2020 , 369, 250-251	33.3	0
355	Left Ventricular Magnetic Resonance Imaging Strain Predicts the Onset of Duchenne Muscular Dystrophy-Associated Cardiomyopathy. <i>Circulation: Cardiovascular Imaging</i> , 2020 , 13, e011526	3.9	1
354	Histone H3.3G34-Mutant Interneuron Progenitors Co-opt PDGFRA for Gliomagenesis. <i>Cell</i> , 2020 , 183, 1617-1633.e22	56.2	29
353	Genetic predisposition to longer telomere length and risk of childhood, adolescent and adult-onset ependymoma. <i>Acta Neuropathologica Communications</i> , 2020 , 8, 173	7.3	9
352	Chloride intracellular channel 1 cooperates with potassium channel EAG2 to promote medulloblastoma growth. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	8
351	42. IDENTIFICATION OF BRAIN METASTASIS VULNERABILITIES USING METPLATFORM. <i>Neuro-Oncology Advances</i> , 2020 , 2, ii8-ii8	0.9	78
350	H3.3 G34W Promotes Growth and Impedes Differentiation of Osteoblast-Like Mesenchymal Progenitors in Giant Cell Tumor of Bone. <i>Cancer Discovery</i> , 2020 , 10, 1968-1987	24.4	14
349	Deep Learning for Pediatric Posterior Fossa Tumor Detection and Classification: A Multi-Institutional Study. <i>American Journal of Neuroradiology</i> , 2020 , 41, 1718-1725	4.4	17
348	Neurotrophin Signaling in Medulloblastoma. <i>Cancers</i> , 2020 , 12,	6.6	9
347	Roadmap for the Emerging Field of Cancer Neuroscience. <i>Cell</i> , 2020 , 181, 219-222	56.2	68
346	Modeling germline mutations in pineoblastoma uncovers lysosome disruption-based therapy. <i>Nature Communications</i> , 2020 , 11, 1825	17.4	7
345	Artificial intelligence for automatic cerebral ventricle segmentation and volume calculation: a clinical tool for the evaluation of pediatric hydrocephalus. <i>Journal of Neurosurgery: Pediatrics</i> , 2020 , 1-8	2.1	8
344	Activated leukocyte cell adhesion molecule expression correlates with the WNT subgroup in medulloblastoma and is involved in regulating tumor cell proliferation and invasion 2020 , 15, e0243272		
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340	Activated leukocyte cell adhesion molecule expression correlates with the WNT subgroup in medulloblastoma and is involved in regulating tumor cell proliferation and invasion 2020 , 15, e0243272		
339	Activated leukocyte cell adhesion molecule expression correlates with the WNT subgroup in medulloblastoma and is involved in regulating tumor cell proliferation and invasion 2020 , 15, e0243272		
338	Activated leukocyte cell adhesion molecule expression correlates with the WNT subgroup in medulloblastoma and is involved in regulating tumor cell proliferation and invasion 2020 , 15, e0243272		
337	Activated leukocyte cell adhesion molecule expression correlates with the WNT subgroup in medulloblastoma and is involved in regulating tumor cell proliferation and invasion 2020 , 15, e0243272		
336	The U1 spliceosomal RNA is recurrently mutated in multiple cancers. <i>Nature</i> , 2019 , 574, 712-716	50.4	79
335	Re-irradiation for children with recurrent medulloblastoma in Toronto, Canada: a 20-year experience. <i>Journal of Neuro-Oncology</i> , 2019 , 145, 107-114	4.8	5
334	Single-Cell Transcriptomics in Medulloblastoma Reveals Tumor-Initiating Progenitors and Oncogenic Cascades during Tumorigenesis and Relapse. <i>Cancer Cell</i> , 2019 , 36, 302-318.e7	24.3	49
333	Alterations in ALK/ROS1/NTRK/MET drive a group of infantile hemispheric gliomas. <i>Nature Communications</i> , 2019 , 10, 4343	17.4	95
332	Upregulation of the chromatin remodeler HELLS is mediated by YAP1 in Sonic Hedgehog Medulloblastoma. <i>Scientific Reports</i> , 2019 , 9, 13611	4.9	10
331	Insertional Mutagenesis Reveals Important Genetic Drivers of Central Nervous System Embryonal Tumors. <i>Cancer Research</i> , 2019 , 79, 905-917	10.1	17
330	Identification of CD24 as a marker of Patched1 deleted medulloblastoma-initiating neural progenitor cells. <i>PLoS ONE</i> , 2019 , 14, e0210665	3.7	3
329	Engineering Genetic Predisposition in Human Neuroepithelial Stem Cells Recapitulates Medulloblastoma Tumorigenesis. <i>Cell Stem Cell</i> , 2019 , 25, 433-446.e7	18	31
328	Reply to 'Assembling the brain trust: the multidisciplinary imperative in neuro-oncology'. <i>Nature Reviews Clinical Oncology</i> , 2019 , 16, 522-523	19.4	
327	Subgroup-specific prognostic signaling and metabolic pathways in pediatric medulloblastoma. <i>BMC Cancer</i> , 2019 , 19, 571	4.8	15
326	IMMU-03. TUMOR NECROSIS FACTOR OVERCOMES IMMUNE EVASION IN P53-MUTANT MEDULLOBLASTOMA. <i>Neuro-Oncology</i> , 2019 , 21, ii93-ii93	1	0
325	Second-generation molecular subgrouping of medulloblastoma: an international meta-analysis of Group 3 and Group 4 subtypes. <i>Acta Neuropathologica</i> , 2019 , 138, 309-326	14.3	90

324	EPEN-12. A COMMON FETAL DEVELOPMENTAL ORIGIN FOR PFA EPENDYMOMA, PFB EPENDYMOMA, AND CEREBELLAR PILOCYTIC ASTROCYTOMAS. <i>Neuro-Oncology</i> , 2019 , 21, ii79-ii80	1	78
323	Childhood cerebellar tumours mirror conserved fetal transcriptional programs. <i>Nature</i> , 2019 , 572, 67-73	50.4	149
322	Application of a Neural Network Whole Transcriptome-Based Pan-Cancer Method for Diagnosis of Primary and Metastatic Cancers. <i>JAMA Network Open</i> , 2019 , 2, e192597	10.4	25
321	Myc and Loss of p53 Cooperate to Drive Formation of Choroid Plexus Carcinoma. <i>Cancer Research</i> , 2019 , 79, 2208-2219	10.1	3
320	Intratumoral Genetic and Functional Heterogeneity in Pediatric Glioblastoma. <i>Cancer Research</i> , 2019 , 79, 2111-2123	10.1	14
319	Picosecond Infrared Laser Desorption Mass Spectrometry Identifies Medulloblastoma Subgroups on Intrasurgical Timescales. <i>Cancer Research</i> , 2019 , 79, 2426-2434	10.1	18
318	Retraction Note: A homing system targets therapeutic T cells to brain cancer. <i>Nature</i> , 2019 , 567, 132	50.4	1
317	Modulating native GABA receptors in medulloblastoma with positive allosteric benzodiazepine-derivatives induces cell death. <i>Journal of Neuro-Oncology</i> , 2019 , 142, 411-422	4.8	8
316	Challenges to curing primary brain tumours. <i>Nature Reviews Clinical Oncology</i> , 2019 , 16, 509-520	19.4	284
315	Survival and functional outcomes of molecularly defined childhood posterior fossa ependymoma: Cure at a cost. <i>Cancer</i> , 2019 , 125, 1867-1876	6.4	26
314	ID1 Is Critical for Tumorigenesis and Regulates Chemoresistance in Glioblastoma. <i>Cancer Research</i> , 2019 , 79, 4057-4071	10.1	19
313	A C19MC-LIN28A-MYCN Oncogenic Circuit Driven by Hijacked Super-enhancers Is a Distinct Therapeutic Vulnerability in ETMRs: A Lethal Brain Tumor. <i>Cancer Cell</i> , 2019 , 36, 51-67.e7	24.3	39
312	Antitumor Activities and Cellular Changes Induced by TrkB Inhibition in Medulloblastoma. <i>Frontiers in Pharmacology</i> , 2019 , 10, 698	5.6	6
311	Incidence of metastatic disease and survival among patients with newly diagnosed primary CNS tumors in the United States from 2004-2013. <i>Journal of Cancer</i> , 2019 , 10, 3037-3045	4.5	7
310	An autocrine ActivinB mechanism drives TGF β /Activin signaling in Group 3 medulloblastoma. <i>EMBO Molecular Medicine</i> , 2019 , 11, e9830	12	5
309	High-resolution structural genomics reveals new therapeutic vulnerabilities in glioblastoma. <i>Genome Research</i> , 2019 , 29, 1211-1222	9.7	31
308	Identification and Analyses of Extra-Cranial and Cranial Rhabdoid Tumor Molecular Subgroups Reveal Tumors with Cytotoxic T Cell Infiltration. <i>Cell Reports</i> , 2019 , 29, 2338-2354.e7	10.6	40
307	Leptomeningeal dissemination: a sinister pattern of medulloblastoma growth. <i>Journal of Neurosurgery: Pediatrics</i> , 2019 , 1-9	2.1	15

306	Medulloblastoma. <i>Nature Reviews Disease Primers</i> , 2019 , 5, 11	51.1	202
305	Medulloblastoma in the age of molecular subgroups: a review. <i>Journal of Neurosurgery: Pediatrics</i> , 2019 , 24, 353-363	2.1	53
304	scRNA-seq in medulloblastoma shows cellular heterogeneity and lineage expansion support resistance to SHH inhibitor therapy. <i>Nature Communications</i> , 2019 , 10, 5829	17.4	31
303	Stalled developmental programs at the root of pediatric brain tumors. <i>Nature Genetics</i> , 2019 , 51, 1702-1713	17.3	58
302	Recurrent noncoding U1 snRNA mutations drive cryptic splicing in SHH medulloblastoma. <i>Nature</i> , 2019 , 574, 707-711	50.4	78
301	The molecular landscape of ETMR at diagnosis and relapse. <i>Nature</i> , 2019 , 576, 274-280	50.4	46
300	p53 Function Is Compromised by Inhibitor 2 of Phosphatase 2A in Sonic Hedgehog Medulloblastoma. <i>Molecular Cancer Research</i> , 2019 , 17, 186-198	6.6	5
299	Dual Regulatory Functions of SUFU and Targetome of GLI2 in SHH Subgroup Medulloblastoma. <i>Developmental Cell</i> , 2019 , 48, 167-183.e5	10.2	23
298	Craniospinal irradiation as part of re-irradiation for children with recurrent intracranial ependymoma. <i>Neuro-Oncology</i> , 2019 , 21, 547-557	1	16
297	PPAR and GST polymorphisms may predict changes in intellectual functioning in medulloblastoma survivors. <i>Journal of Neuro-Oncology</i> , 2019 , 142, 39-48	4.8	14
296	BMI1 is a therapeutic target in recurrent medulloblastoma. <i>Oncogene</i> , 2019 , 38, 1702-1716	9.2	11
295	Bioinformatic Strategies for the Genomic and Epigenomic Characterization of Brain Tumors. <i>Methods in Molecular Biology</i> , 2019 , 1869, 37-56	1.4	1
294	MR Imaging-Based Radiomic Signatures of Distinct Molecular Subgroups of Medulloblastoma. <i>American Journal of Neuroradiology</i> , 2019 , 40, 154-161	4.4	57
293	Infusion of 5-Azacytidine (5-AZA) into the fourth ventricle or resection cavity in children with recurrent posterior Fossa Ependymoma: a pilot clinical trial. <i>Journal of Neuro-Oncology</i> , 2019 , 141, 449-457	4.8	10
292	DNA hypermethylation within TERT promoter upregulates TERT expression in cancer. <i>Journal of Clinical Investigation</i> , 2019 , 129, 223-229	15.9	62
291	A Hematogenous Route for Medulloblastoma Leptomeningeal Metastases. <i>Cell</i> , 2018 , 172, 1050-1062.e16	56.2	46
290	Characterization of a novel OTX2-driven stem cell program in Group 3 and Group 4 medulloblastoma. <i>Molecular Oncology</i> , 2018 , 12, 495-513	7.9	9
289	Metastatic group 3 medulloblastoma is driven by PRUNE1 targeting NME1-TGF- β -OTX2-SNAIL via PTEN inhibition. <i>Brain</i> , 2018 , 141, 1300-1319	11.2	13

288	Basal Suppression of the Sonic Hedgehog Pathway by the G-Protein-Coupled Receptor Gpr161 Restricts Medulloblastoma Pathogenesis. <i>Cell Reports</i> , 2018 , 22, 1169-1184	10.6	33
287	5-Hydroxymethylcytosine preferentially targets genes upregulated in isocitrate dehydrogenase 1 mutant high-grade glioma. <i>Acta Neuropathologica</i> , 2018 , 135, 617-634	14.3	8
286	A Novel Method for Rapid Molecular Subgrouping of Medulloblastoma. <i>Clinical Cancer Research</i> , 2018 , 24, 1355-1363	12.9	15
285	Therapeutic targeting of ependymoma as informed by oncogenic enhancer profiling. <i>Nature</i> , 2018 , 553, 101-105	50.4	116
284	DNA methylation-based classification of central nervous system tumours. <i>Nature</i> , 2018 , 555, 469-474	50.4	992
283	MRI Characteristics of Primary Tumors and Metastatic Lesions in Molecular Subgroups of Pediatric Medulloblastoma: A Single-Center Study. <i>American Journal of Neuroradiology</i> , 2018 , 39, 949-955	4.4	19
282	Opposing Effects of CREBBP Mutations Govern the Phenotype of Rubinstein-Taybi Syndrome and Adult SHH Medulloblastoma. <i>Developmental Cell</i> , 2018 , 44, 709-724.e6	10.2	25
281	Lateral cerebellum is preferentially sensitive to high sonic hedgehog signaling and medulloblastoma formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 3392-3397	11.5	20
280	miR miR on the wall, who's the most malignant medulloblastoma miR of them all?. <i>Neuro-Oncology</i> , 2018 , 20, 313-323	1	12
279	CD271 Cells Are Diagnostic and Prognostic and Exhibit Elevated MAPK Activity in SHH Medulloblastoma. <i>Cancer Research</i> , 2018 , 78, 4745-4759	10.1	16
278	Proteomic analysis of Medulloblastoma reveals functional biology with translational potential. <i>Acta Neuropathologica Communications</i> , 2018 , 6, 48	7.3	21
277	Heterogeneity within the PF-EPN-B ependymoma subgroup. <i>Acta Neuropathologica</i> , 2018 , 136, 227-237	14.3	52
276	CAR T cells for childhood diffuse midline gliomas. <i>Nature Medicine</i> , 2018 , 24, 534-535	50.5	2
275	Spectrum and prevalence of genetic predisposition in medulloblastoma: a retrospective genetic study and prospective validation in a clinical trial cohort. <i>Lancet Oncology</i> , 2018 , 19, 785-798	21.7	159
274	Molecular heterogeneity and CXorf67 alterations in posterior fossa group A (PFA) ependymomas. <i>Acta Neuropathologica</i> , 2018 , 136, 211-226	14.3	111
273	Poliovirus Receptor (CD155) Expression in Pediatric Brain Tumors Mediates Oncolysis of Medulloblastoma and Pleomorphic Xanthoastrocytoma. <i>Journal of Neuropathology and Experimental Neurology</i> , 2018 , 77, 696-702	3.1	18
272	MAP4K4 controlled integrin β activation and c-Met endocytosis are associated with invasive behavior of medulloblastoma cells. <i>Oncotarget</i> , 2018 , 9, 23220-23236	3.3	13
271	Medulloblastoma in the Molecular Era. <i>Journal of Korean Neurosurgical Society</i> , 2018 , 61, 292-301	2.3	17

270 Medulloblastomas **2018**, 1-27

269	Differential patterns of metastatic dissemination across medulloblastoma subgroups. <i>Journal of Neurosurgery: Pediatrics</i> , 2018 , 21, 145-152	2.1	27
268	Review of molecular classification and treatment implications of pediatric brain tumors. <i>Current Opinion in Pediatrics</i> , 2018 , 30, 3-9	3.2	30
267	EPEN-23. MOLECULAR HETEROGENEITY AMONG PEDIATRIC POSTERIOR FOSSA EPENDYMOMA. <i>Neuro-Oncology</i> , 2018 , 20, i77-i78	1	78
266	MBRS-14. REGULATION OF MEDULLOBLASTOMA IMMUNOGENICITY BY TP53 AND TNF ALPHA. <i>Neuro-Oncology</i> , 2018 , 20, i131-i131	1	78
265	A functional genomics approach to identify pathways of drug resistance in medulloblastoma. <i>Acta Neuropathologica Communications</i> , 2018 , 6, 146	7.3	7
264	Significance of molecular classification of ependymomas: C11orf95-RELA fusion-negative supratentorial ependymomas are a heterogeneous group of tumors. <i>Acta Neuropathologica Communications</i> , 2018 , 6, 134	7.3	44
263	Notch1 regulates the initiation of metastasis and self-renewal of Group 3 medulloblastoma. <i>Nature Communications</i> , 2018 , 9, 4121	17.4	24
262	How do parents and providers trade-off between disability and survival? Preferences in the treatment of pediatric medulloblastoma. <i>Patient Preference and Adherence</i> , 2018 , 12, 2103-2110	2.4	1
261	A homing system targets therapeutic T cells to brain cancer. <i>Nature</i> , 2018 , 561, 331-337	50.4	30
260	Developmental phosphoproteomics identifies the kinase CK2 as a driver of Hedgehog signaling and a therapeutic target in medulloblastoma. <i>Science Signaling</i> , 2018 , 11,	8.8	37
259	Aberrant ERBB4-SRC Signaling as a Hallmark of Group 4 Medulloblastoma Revealed by Integrative Phosphoproteomic Profiling. <i>Cancer Cell</i> , 2018 , 34, 379-395.e7	24.3	62
258	Reproducibility of the NanoString 22-gene molecular subgroup assay for improved prognostic prediction of medulloblastoma. <i>Neuropathology</i> , 2018 , 38, 475-483	2	17
257	The clinical importance of medulloblastoma extent of resection: a systematic review. <i>Journal of Neuro-Oncology</i> , 2018 , 139, 523-539	4.8	24
256	TGF- β Determines the Pro-migratory Potential of bFGF Signaling in Medulloblastoma. <i>Cell Reports</i> , 2018 , 23, 3798-3812.e8	10.6	18
255	Executive function in paediatric medulloblastoma: The role of cerebrocerebellar connections. <i>Journal of Neuropsychology</i> , 2017 , 11, 174-200	2.6	31
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