

# Jacques Grill

## List of Publications by Year in descending order

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191  
papers

12,556  
citations

28274

55  
h-index

28297

105  
g-index

195  
all docs

195  
docs citations

195  
times ranked

11785  
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated Molecular Meta-Analysis of 1,000 Pediatric High-Grade and Diffuse Intrinsic Pontine Glioma. <i>Cancer Cell</i> , 2017, 32, 520-537.e5.	16.8	716
2	New Brain Tumor Entities Emerge from Molecular Classification of CNS-PNETs. <i>Cell</i> , 2016, 164, 1060-1072.	28.9	702
3	Reduced H3K27me3 and DNA Hypomethylation Are Major Drivers of Gene Expression in K27M Mutant Pediatric High-Grade Gliomas. <i>Cancer Cell</i> , 2013, 24, 660-672.	16.8	633
4	Histone H3F3A and HIST1H3B K27M mutations define two subgroups of diffuse intrinsic pontine gliomas with different prognosis and phenotypes. <i>Acta Neuropathologica</i> , 2015, 130, 815-827.	7.7	482
5	Functionally defined therapeutic targets in diffuse intrinsic pontine glioma. <i>Nature Medicine</i> , 2015, 21, 555-559.	30.7	473
6	Paediatric and adult glioblastoma: multiform (epi)genomic culprits emerge. <i>Nature Reviews Cancer</i> , 2014, 14, 92-107.	28.4	469
7	Recurrent activating ACVR1 mutations in diffuse intrinsic pontine glioma. <i>Nature Genetics</i> , 2014, 46, 457-461.	21.4	423
8	Survival and Prognostic Factors of Early Childhood Medulloblastoma: An International Meta-Analysis. <i>Journal of Clinical Oncology</i> , 2010, 28, 4961-4968.	1.6	273
9	Postoperative Chemotherapy Without Irradiation for Ependymoma in Children Under 5 Years of Age: A Multicenter Trial of the French Society of Pediatric Oncology. <i>Journal of Clinical Oncology</i> , 2001, 19, 1288-1296.	1.6	258
10	Treatment of medulloblastoma with postoperative chemotherapy alone: an SFOP prospective trial in young children. <i>Lancet Oncology</i> , The, 2005, 6, 573-580.	10.7	250
11	Clinical, Radiologic, Pathologic, and Molecular Characteristics of Long-Term Survivors of Diffuse Intrinsic Pontine Glioma (DIPG): A Collaborative Report From the International and European Society for Pediatric Oncology DIPG Registries. <i>Journal of Clinical Oncology</i> , 2018, 36, 1963-1972.	1.6	250
12	Prognostic factors of CNS tumours in Neurofibromatosis 1 (NF1): A retrospective study of 104 patients. <i>Brain</i> , 2003, 126, 152-160.	7.6	242
13	Pediatric craniopharyngiomas: classification and treatment according to the degree of hypothalamic involvement. <i>Journal of Neurosurgery: Pediatrics</i> , 2007, 106, 3-12.	1.3	225
14	MYB-QKI rearrangements in angiocentric glioma drive tumorigenicity through a tripartite mechanism. <i>Nature Genetics</i> , 2016, 48, 273-282.	21.4	214
15	Mesenchymal Transition and PDGFRA Amplification/Mutation Are Key Distinct Oncogenic Events in Pediatric Diffuse Intrinsic Pontine Gliomas. <i>PLoS ONE</i> , 2012, 7, e30313.	2.5	200
16	Variable selection for generalized canonical correlation analysis. <i>Biostatistics</i> , 2014, 15, 569-583.	1.5	168
17	Progression-Free Survival in Children With Optic Pathway Tumors: Dependence on Age and the Quality of the Response to Chemotherapy—Results of the First French Prospective Study for the French Society of Pediatric Oncology. <i>Journal of Clinical Oncology</i> , 2003, 21, 4572-4578.	1.6	167
18	Targeting of adenoviral vectors through a bispecific single-chain antibody. <i>Cancer Gene Therapy</i> , 2000, 7, 901-904.	4.6	145

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19	Biopsy in a series of 130 pediatric diffuse intrinsic Pontine gliomas. <i>Child's Nervous System</i> , 2015, 31, 1773-1780.	1.1	145
20	Potential of the conditionally replicative adenovirus Ad5-Delta24RCD in the treatment of malignant gliomas and its enhanced effect with radiotherapy. <i>Cancer Research</i> , 2002, 62, 5736-42.	0.9	142
21	Molecular, Pathological, Radiological, and Immune Profiling of Non-brainstem Pediatric High-Grade Glioma from the HERBY Phase II Randomized Trial. <i>Cancer Cell</i> , 2018, 33, 829-842.e5.	16.8	140
22	Delays in diagnosis of paediatric cancers: a systematic review and comparison with expert testimony in lawsuits. <i>Lancet Oncology</i> , The, 2012, 13, e445-e459.	10.7	134
23	Craniopharyngioma: the pendulum of surgical management. <i>Child's Nervous System</i> , 2005, 21, 691-695.	1.1	129
24	Stereotactic biopsy of diffuse pontine lesions in children. <i>Journal of Neurosurgery: Pediatrics</i> , 2007, 107, 1-4.	1.3	126
25	Vemurafenib in pediatric patients with <i>BRAFV600E</i> mutated high-grade gliomas. <i>Pediatric Blood and Cancer</i> , 2014, 61, 1101-1103.	1.5	125
26	Injuries to inferior vermis and dentate nuclei predict poor neurological and neuropsychological outcome in children with malignant posterior fossa tumors. <i>Cancer</i> , 2009, 115, 1338-1347.	4.1	118
27	When do children with optic pathway tumours need treatment? An oncological perspective in 106 patients treated in a single centre. <i>European Journal of Pediatrics</i> , 2000, 159, 692-696.	2.7	113
28	Copy Number Gain of 1q25 Predicts Poor Progression-Free Survival for Pediatric Intracranial Ependymomas and Enables Patient Risk Stratification: A Prospective European Clinical Trial Cohort Analysis on Behalf of the Children's Cancer Leukaemia Group (CCLG), Soci�t� Fran�saise d'Oncologie P�diatrique (SFOP), and International Society for Pediatric Oncology (SIOP). <i>Clinical Cancer Research</i> , 2012, 18, 2001-2011.	7.0	111
29	Critical oncogenic mutations in newly diagnosed pediatric diffuse intrinsic pontine glioma. <i>Pediatric Blood and Cancer</i> , 2012, 58, 489-491.	1.5	111
30	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.	7.7	104
31	Conditionally replicative adenovirus expressing p53 exhibits enhanced oncolytic potency. <i>Cancer Research</i> , 2002, 62, 6165-71.	0.9	104
32	Molecular Screening for Cancer Treatment Optimization (MOSCATO-01) in Pediatric Patients: A Single-Institutional Prospective Molecular Stratification Trial. <i>Clinical Cancer Research</i> , 2017, 23, 6101-6112.	7.0	102
33	Patterns of neuropsychological deficits in children with medulloblastoma according to craniospatial irradiation doses. <i>Developmental Medicine and Child Neurology</i> , 2000, 42, 741-745.	2.1	102
34	Clinicopathologic prognostic factors in childhood atypical teratoid and rhabdoid tumor of the central nervous system. <i>Cancer</i> , 2012, 118, 3812-3821.	4.1	101
35	Radiotherapy with concurrent and adjuvant temozolomide in children with newly diagnosed diffuse intrinsic pontine glioma. <i>Journal of Neuro-Oncology</i> , 2012, 106, 399-407.	2.9	100
36	Phase II, Open-Label, Randomized, Multicenter Trial (HERBY) of Bevacizumab in Pediatric Patients With Newly Diagnosed High-Grade Glioma. <i>Journal of Clinical Oncology</i> , 2018, 36, 951-958.	1.6	95

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37	Diffuse intrinsic pontine gliomasâ€™ current management and new biologic insights. Is there a glimmer of hope?. <i>Neuro-Oncology</i> , 2017, 19, 1025-1034.	1.2	91
38	Oncolytic activity of the E1B-55 kDa-deleted adenovirus ONYX-015 is independent of cellular p53 status in human malignant glioma xenografts. <i>Cancer Research</i> , 2002, 62, 764-72.	0.9	89
39	Efficient and Selective Gene Transfer into Primary Human Brain Tumors by Using Single-Chain Antibody-Targeted Adenoviral Vectors with Native Tropism Abolished. <i>Journal of Virology</i> , 2002, 76, 2753-2762.	3.4	88
40	Transcriptomic and epigenetic profiling of â€™diffuse midline gliomas, H3 K27M-mutantâ€™ discriminate two subgroups based on the type of histone H3 mutated and not supratentorial or infratentorial location. <i>Acta Neuropathologica Communications</i> , 2018, 6, 117.	5.2	83
41	Arterial Spin Labeling to Predict Brain Tumor Grading in Children: Correlations between Histopathologic Vascular Density and Perfusion MR Imaging. <i>Radiology</i> , 2016, 281, 553-566.	7.3	82
42	Co-occurrence of histone H3 K27M and BRAF V600E mutations in paediatric midline grade I ganglioglioma. <i>Brain Pathology</i> , 2018, 28, 103-111.	4.1	80
43	Online Quality Control, Hyperfractionated Radiotherapy Alone and Reduced Boost Volume for Standard Risk Medulloblastoma: Long-Term Results of MSFOP 98. <i>Journal of Clinical Oncology</i> , 2009, 27, 1879-1883.	1.6	79
44	Thalamic tumors in children: a reappraisal. <i>Journal of Neurosurgery: Pediatrics</i> , 2007, 106, 354-362.	1.3	75
45	Childhood supratentorial ependymomas with <i>YAP1</i> â€™ <i>MAML2</i> fusion: an entity with characteristic clinical, radiological, cytogenetic and histopathological features. <i>Brain Pathology</i> , 2019, 29, 205-216.	4.1	75
46	A subset of pediatric-type thalamic gliomas share a distinct DNA methylation profile, H3K27me3 loss and frequent alteration of <i>EGFR</i> . <i>Neuro-Oncology</i> , 2021, 23, 34-43.	1.2	75
47	The Therapy of Infantile Malignant Brain Tumors: Current Status?. <i>Journal of Neuro-Oncology</i> , 2005, 75, 279-285.	2.9	69
48	Critical risk factors for intellectual impairment in children with posterior fossa tumors: the role of cerebellar damage. <i>Journal of Neurosurgery: Pediatrics</i> , 2004, 101, 152-158.	1.3	67
49	Methylation of RASSF1A and TRAIL pathway-related genes is frequent in childhood intracranial ependymomas and benign choroid plexus papilloma. <i>Cancer Genetics and Cytogenetics</i> , 2006, 166, 74-81.	1.0	67
50	TP53 Pathway Alterations Drive Radioresistance in Diffuse Intrinsic Pontine Gliomas (DIPG). <i>Clinical Cancer Research</i> , 2019, 25, 6788-6800.	7.0	66
51	Oncolytic Activity of p53-Expressing Conditionally Replicative Adenovirus Ad <sup>24</sup> -p53 against Human Malignant Glioma. <i>Cancer Research</i> , 2004, 64, 5753-5759.	0.9	64
52	Relationship between the brain radiation dose for the treatment of childhood cancer and the risk of long-term cerebrovascular mortality. <i>Brain</i> , 2011, 134, 1362-1372.	7.6	60
53	Metastatic ependymoma: A multi-institutional retrospective analysis of prognostic factors. <i>Pediatric Blood and Cancer</i> , 2008, 50, 231-235.	1.5	59
54	High-dose chemotherapy with autologous stem cell rescue followed by posterior fossa irradiation for local medulloblastoma recurrence or progression after conventional chemotherapy. <i>Cancer</i> , 2007, 110, 156-163.	4.1	58

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55	Comparative genomic hybridization detects specific cytogenetic abnormalities in pediatric ependymomas and choroid plexus papillomas. <i>Cancer Genetics and Cytogenetics</i> , 2002, 136, 121-125.	1.0	57
56	Clinical Relevance of Tumor Cells with Stem-Like Properties in Pediatric Brain Tumors. <i>PLoS ONE</i> , 2011, 6, e16375.	2.5	57
57	EGFR tyrosine kinase inhibition radiosensitizes and induces apoptosis in malignant glioma and childhood ependymoma xenografts. <i>International Journal of Cancer</i> , 2008, 123, 209-216.	5.1	56
58	Preclinical evaluation of dasatinib alone and in combination with cabozantinib for the treatment of diffuse intrinsic pontine glioma. <i>Neuro-Oncology</i> , 2015, 17, 953-964.	1.2	56
59	Diagnostics of pediatric supratentorial RELA ependymomas: integration of information from histopathology, genetics, DNA methylation and imaging. <i>Brain Pathology</i> , 2019, 29, 325-335.	4.1	55
60	Neuronal differentiation distinguishes supratentorial and infratentorial childhood ependymomas. <i>Neuro-Oncology</i> , 2010, 12, 1126-1134.	1.2	54
61	Clinical, Imaging, Histopathological and Molecular Characterization of Anaplastic Ganglioglioma. <i>Journal of Neuropathology and Experimental Neurology</i> , 2016, 75, 971-980.	1.7	54
62	Medulloblastoma in young children. <i>Pediatric Blood and Cancer</i> , 2010, 54, 635-637.	1.5	52
63	Germline <i>SUFU</i> mutation carriers and medulloblastoma: clinical characteristics, cancer risk, and prognosis. <i>Neuro-Oncology</i> , 2018, 20, 1122-1132.	1.2	52
64	Incomplete penetrance of the predisposition to medulloblastoma associated with germ-line <i>SUFU</i> mutations. <i>Journal of Medical Genetics</i> , 2010, 47, 142-144.	3.2	51
65	Long survival in a child with a mutated K27M-H3.3 pilocytic astrocytoma. <i>Annals of Clinical and Translational Neurology</i> , 2015, 2, 439-443.	3.7	51
66	High-grade gliomas in adolescents and young adults highlight histomolecular differences from their adult and pediatric counterparts. <i>Neuro-Oncology</i> , 2020, 22, 1190-1202.	1.2	50
67	Therapeutic schedules influence the pattern of intellectual decline after irradiation of posterior fossa tumors. <i>Pediatric Blood and Cancer</i> , 2005, 45, 814-819.	1.5	49
68	Hypofractionated radiotherapy in the treatment of diffuse intrinsic pontine glioma in children: a single institution's experience. <i>Journal of Neuro-Oncology</i> , 2011, 104, 773-777.	2.9	48
69	Tandem high-dose chemotherapy and autologous stem cell rescue in children with newly diagnosed high-risk medulloblastoma or supratentorial primitive neuroectodermic tumors. <i>Pediatric Blood and Cancer</i> , 2014, 61, 1398-1402.	1.5	46
70	Pediatric low-grade gliomas: How modern biology reshapes the clinical field. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2014, 1845, 294-307.	7.4	45
71	Development of the SIOPE DIPG network, registry and imaging repository: a collaborative effort to optimize research into a rare and lethal disease. <i>Journal of Neuro-Oncology</i> , 2017, 132, 255-266.	2.9	42
72	Phase II study of irinotecan in combination with temozolomide (TEMIRI) in children with recurrent or refractory medulloblastoma: a joint ITCC and SIOPE brain tumor study. <i>Neuro-Oncology</i> , 2013, 15, 1236-1243.	1.2	41

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73	New <i>in vivo</i> avatars of diffuse intrinsic pontine gliomas (DIPG) from stereotactic biopsies performed at diagnosis. <i>Oncotarget</i> , 2017, 8, 52543-52559.	1.8	41
74	Astrocytes Reverted to a Neural Progenitor-like State with Transforming Growth Factor Alpha Are Sensitized to Cancerous Transformation. <i>Stem Cells</i> , 2009, 27, 2373-2382.	3.2	39
75	Interval between onset of symptoms and diagnosis of medulloblastoma in children: distribution and determinants in a population-based study. <i>European Journal of Pediatrics</i> , 2012, 171, 25-32.	2.7	39
76	Expression profiles of 151 pediatric low-grade gliomas reveal molecular differences associated with location and histological subtype. <i>Neuro-Oncology</i> , 2015, 17, 1486-1496.	1.2	39
77	High-dose chemotherapy in childhood brain tumours. <i>Child's Nervous System</i> , 1999, 15, 498-505.	1.1	38
78	Childhood Ependymoma. <i>Paediatric Drugs</i> , 2003, 5, 533-543.	3.1	38
79	Mortality in Children with Optic Pathway Glioma Treated with Up-Front BB-SFOP Chemotherapy. <i>PLoS ONE</i> , 2015, 10, e0127676.	2.5	38
80	Bevacizumab dosing strategy in paediatric cancer patients based on population pharmacokinetic analysis with external validation. <i>British Journal of Clinical Pharmacology</i> , 2016, 81, 148-160.	2.4	38
81	Ultrasound-induced blood-brain barrier disruption for the treatment of gliomas and other primary CNS tumors. <i>Cancer Letters</i> , 2020, 479, 13-22.	7.2	38
82	The organotypic multicellular spheroid is a relevant three-dimensional model to study adenovirus replication and penetration in human tumors <i>in vitro</i> . <i>Molecular Therapy</i> , 2002, 6, 609-14.	8.2	37
83	Diagnostics and treatment of diffuse intrinsic pontine glioma: where do we stand?. <i>Journal of Neuro-Oncology</i> , 2019, 145, 177-184.	2.9	36
84	Portrait of Ependymoma Recurrence in Children: Biomarkers of Tumor Progression Identified by Dual-Color Microarray-Based Gene Expression Analysis. <i>PLoS ONE</i> , 2010, 5, e12932.	2.5	35
85	Cerebellar mutism: definitions, classification and grading of symptoms. <i>Child's Nervous System</i> , 2011, 27, 1361-1363.	1.1	35
86	Re-irradiation of recurrent pediatric ependymoma: modalities and outcomes: a twenty-year survey. <i>SpringerPlus</i> , 2016, 5, 879.	1.2	35
87	Long Time to Diagnosis of Medulloblastoma in Children Is Not Associated with Decreased Survival or with Worse Neurological Outcome. <i>PLoS ONE</i> , 2012, 7, e33415.	2.5	34
88	Low Bone Mineral Density and High Incidences of Fractures and Vitamin D Deficiency in 52 Pediatric Cancer Survivors. <i>Hormone Research in Paediatrics</i> , 2010, 74, 319-327.	1.8	33
89	Rubinstein-Taybi syndrome predisposing to non-WNT, non-SHH, group 3 medulloblastoma. <i>Pediatric Blood and Cancer</i> , 2014, 61, 383-386.	1.5	33
90	Cognitive and Academic Outcome After Benign or Malignant Cerebellar Tumor in Children. <i>Cognitive and Behavioral Neurology</i> , 2009, 22, 270-278.	0.9	32

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91	A common polymorphism in the 5' UTR of ERCC5 creates an upstream ORF that confers resistance to platinum-based chemotherapy. <i>Genes and Development</i> , 2015, 29, 1891-1896.	5.9	32
92	Patients in Pediatric Phase I and Early Phase II Clinical Oncology Trials at Gustave Roussy. <i>Journal of Pediatric Hematology/Oncology</i> , 2015, 37, e102-e110.	0.6	31
93	Response Assessment in Pediatric Neuro-Oncology: Implementation and Expansion of the RANO Criteria in a Randomized Phase II Trial of Pediatric Patients with Newly Diagnosed High-Grade Gliomas. <i>American Journal of Neuroradiology</i> , 2016, 37, 1581-1587.	2.4	31
94	Modeling the Interaction between the Microenvironment and Tumor Cells in Brain Tumors. <i>Neuron</i> , 2020, 108, 1025-1044.	8.1	31
95	Blood-brain barrier disruption with low-intensity pulsed ultrasound for the treatment of pediatric brain tumors: a review and perspectives. <i>Neurosurgical Focus</i> , 2020, 48, E10.	2.3	31
96	p53 pathway dysfunction in primary childhood ependymomas. <i>Pediatric Blood and Cancer</i> , 2006, 46, 604-613.	1.5	30
97	International experience in the development of patient-derived xenograft models of diffuse intrinsic pontine glioma. <i>Journal of Neuro-Oncology</i> , 2019, 141, 253-263.	2.9	30
98	Pediatric infratentorial gangliogliomas: a retrospective series. <i>Journal of Neurosurgery: Pediatrics</i> , 2007, 107, 286-291.	1.3	27
99	The international diffuse intrinsic pontine glioma registry: an infrastructure to accelerate collaborative research for an orphan disease. <i>Journal of Neuro-Oncology</i> , 2017, 132, 323-331.	2.9	27
100	NF1 optic pathway glioma: analyzing risk factors for visual outcome and indications to treat. <i>Neuro-Oncology</i> , 2021, 23, 100-111.	1.2	27
101	Droplet digital PCR-based detection of circulating tumor DNA from pediatric high grade and diffuse midline glioma patients. <i>Neuro-Oncology Advances</i> , 2021, 3, vdab013.	0.7	27
102	Central nervous system germ cell tumors. <i>Current Opinion in Oncology</i> , 2014, 26, 622-626.	2.4	26
103	Inhibition of the NOTCH pathway using $\gamma$ -secretase inhibitor RO4929097 has limited antitumor activity in established glial tumors. <i>Anti-Cancer Drugs</i> , 2015, 26, 272-283.	1.4	26
104	Historadiological correlations in high-grade glioma with the histone 3.3 G34R mutation. <i>Journal of Neuroradiology</i> , 2018, 45, 316-322.	1.1	26
105	WHO grade has no prognostic value in the pediatric high-grade glioma included in the HERBY trial. <i>Neuro-Oncology</i> , 2020, 22, 116-127.	1.2	26
106	Measuring the neuro-cognitive side-effects of irradiation in children with brain tumors. <i>Pediatric Blood and Cancer</i> , 2004, 42, 452-456.	1.5	25
107	Palliative and end-of-life care for children with diffuse intrinsic pontine glioma: results from a London cohort study and international survey. <i>Neuro-Oncology</i> , 2016, 18, 582-588.	1.2	25
108	Repurposing Vandetanib plus Everolimus for the Treatment of <i>ACVR1</i> -Mutant Diffuse Intrinsic Pontine Glioma. <i>Cancer Discovery</i> , 2022, 12, 416-431.	9.4	25

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109	Constitutional mismatch repair deficiency-associated brain tumors: report from the European C4CMRD consortium. <i>Neuro-Oncology Advances</i> , 2019, 1, vdz033.	0.7	23
110	High-dose chemotherapy in children with newly-diagnosed medulloblastoma. <i>Lancet Oncology</i> , The, 2006, 7, 787-789.	10.7	22
111	Teachers' report of learning and behavioural difficulties in children treated for cerebellar tumours. <i>Brain Injury</i> , 2012, 26, 1014-1020.	1.2	21
112	Cerebral blood flow changes after radiation therapy identifies pseudoprogression in diffuse intrinsic pontine gliomas. <i>Neuro-Oncology</i> , 2018, 20, 994-1002.	1.2	21
113	Supratentorial non-RELA, ZFTA-fused ependymomas: a comprehensive phenotype genotype correlation highlighting the number of zinc fingers in ZFTA-NCOA1/2 fusions. <i>Acta Neuropathologica Communications</i> , 2021, 9, 135.	5.2	21
114	Recent development in chemotherapy of paediatric brain tumours. <i>Current Opinion in Oncology</i> , 2007, 19, 612-615.	2.4	20
115	Water and Electrolyte Disorders at Long-Term Post-Treatment Follow-Up in Paediatric Patients with Suprasellar Tumours Include Unexpected Persistent Cerebral Salt-Wasting Syndrome. <i>Hormone Research in Paediatrics</i> , 2014, 82, 364-371.	1.8	20
116	Relationships between Regional Radiation Doses and Cognitive Decline in Children Treated with Cranio-Spinal Irradiation for Posterior Fossa Tumors. <i>Frontiers in Oncology</i> , 2017, 7, 166.	2.8	20
117	The histomolecular criteria established for adult anaplastic pilocytic astrocytoma are not applicable to the pediatric population. <i>Acta Neuropathologica</i> , 2020, 139, 287-303.	7.7	19
118	In vivo antitumor activity of S16020, a topoisomerase II inhibitor, and doxorubicin against human brain tumor xenografts. <i>Cancer Chemotherapy and Pharmacology</i> , 2003, 51, 385-394.	2.3	18
119	High-dose busulfan-thiotepa with autologous stem cell transplantation followed by posterior fossa irradiation in young children with classical or incompletely resected medulloblastoma. <i>Pediatric Blood and Cancer</i> , 2014, 61, 907-912.	1.5	18
120	The EP300:BCOR fusion extends the genetic alteration spectrum defining the new tumoral entity of CNS tumors with BCOR internal tandem duplication. <i>Acta Neuropathologica Communications</i> , 2020, 8, 178.	5.2	17
121	Relapses of optic pathway tumors after first-line chemotherapy. <i>Pediatric Blood and Cancer</i> , 2009, 52, 575-580.	1.5	16
122	Integrating Tenascin-C protein expression and 1q25 copy number status in pediatric intracranial ependymoma prognostication: A new model for risk stratification. <i>PLoS ONE</i> , 2017, 12, e0178351.	2.5	15
123	DIPG Harbors Alterations Targetable by MEK Inhibitors, with Acquired Resistance Mechanisms Overcome by Combinatorial Inhibition. <i>Cancer Discovery</i> , 2022, 12, 712-729.	9.4	15
124	Pseudoprogression after high-dose busulfan-thiotepa with autologous stem cell transplantation and radiation therapy in children with brain tumors: Impact on survival. <i>Neuro-Oncology</i> , 2012, 14, 1413-1421.	1.2	14
125	Disrupted sensorimotor synchronization, but intact rhythm discrimination, in children treated for a cerebellar medulloblastoma. <i>Research in Developmental Disabilities</i> , 2014, 35, 2053-2068.	2.2	14
126	Role of neoadjuvant chemotherapy in metastatic medulloblastoma: a comparative study in 92 children. <i>Neuro-Oncology</i> , 2020, 22, 1686-1695.	1.2	14



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127	Preoperative chemotherapy in children with high-risk medulloblastomas: a feasibility study. <i>Journal of Neurosurgery: Pediatrics</i> , 2005, 103, 312-318.	1.3	13
128	Intracerebral small round cell tumor: An unusual case with EWS-ATM1 translocation. <i>Pediatric Blood and Cancer</i> , 2008, 51, 545-548.	1.5	13
129	Medulloblastoma: what is the role of molecular genetics?. <i>Expert Review of Anticancer Therapy</i> , 2008, 8, 1169-1181.	2.4	13
130	Primary gliomatosis cerebri involving gray matter in pediatrics: a distinct entity? A multicenter study of 14 cases. <i>Child's Nervous System</i> , 2013, 29, 565-571.	1.1	13
131	Current and evolving knowledge of prognostic factors for pediatric ependymomas. <i>Future Oncology</i> , 2013, 9, 183-191.	2.4	13
132	A kinome-wide shRNA screen uncovers vaccinia-related kinase 3 (VRK3) as an essential gene for diffuse intrinsic pontine glioma survival. <i>Oncogene</i> , 2019, 38, 6479-6490.	5.9	13
133	High Prevalence of Developmental Venous Anomaly in Diffuse Intrinsic Pontine Gliomas: A Pediatric Control Study. <i>Neurosurgery</i> , 2020, 86, 517-523.	1.1	13
134	Treatment-related Myelodysplastic Syndrome After Temozolomide Use in a Child. <i>Journal of Pediatric Hematology/Oncology</i> , 2008, 30, 857-859.	0.6	12
135	Time perception in children treated for a cerebellar medulloblastoma. <i>Research in Developmental Disabilities</i> , 2013, 34, 480-494.	2.2	12
136	MRI and Molecular Characterization of Pediatric High-Grade Midline Thalamic Gliomas: The HERBY Phase II Trial. <i>Radiology</i> , 2022, 304, 174-182.	7.3	12
137	Neuropathological and Neuroradiological Spectrum of Pediatric Malignant Gliomas: Correlation With Outcome. <i>Neurosurgery</i> , 2011, 69, 215-224.	1.1	11
138	Chordoma in children: Case-report and review of literature. <i>Reports of Practical Oncology and Radiotherapy</i> , 2016, 21, 1-7.	0.6	11
139	Histone H3 genotyping refines clinico-radiological diagnostic and prognostic criteria in DIPG. <i>Acta Neuropathologica</i> , 2016, 131, 795-796.	7.7	11
140	Radiogenomics of diffuse intrinsic pontine gliomas (DIPGs): correlation of histological and biological characteristics with multimodal MRI features. <i>European Radiology</i> , 2021, 31, 8913-8924.	4.5	11
141	Utility of Cerebrospinal Fluid Cytology in Newly Diagnosed Childhood Ependymoma. <i>Journal of Pediatric Hematology/Oncology</i> , 2010, 32, 515-518.	0.6	10
142	Primary Leptomeningeal Gliomatosis in Children and Adults. <i>Neurosurgery</i> , 2016, 78, 343-352.	1.1	10
143	Parental stress and paediatric acquired brain injury. <i>Brain Injury</i> , 2018, 32, 1780-1786.	1.2	10
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