

Darren R Hargrave

List of Publications by Citations

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192
papers

15,773
citations

55
h-index

125
g-index

210
ext. papers

18,485
ext. citations

4.9
avg, IF

5.82
L-index

#	Paper	IF	Citations
192	Mutations of the BRAF gene in human cancer. <i>Nature</i> , 2002 , 417, 949-54	50.4	7962
191	Integrated molecular genetic profiling of pediatric high-grade gliomas reveals key differences with the adult disease. <i>Journal of Clinical Oncology</i> , 2010 , 28, 3061-8	2.2	468
190	Diffuse brainstem glioma in children: critical review of clinical trials. <i>Lancet Oncology</i> , 2006 , 7, 241-8	21.7	441
189	Recurrent activating ACVR1 mutations in diffuse intrinsic pontine glioma. <i>Nature Genetics</i> , 2014 , 46, 457-61	36.1	340
188	Challenges to curing primary brain tumours. <i>Nature Reviews Clinical Oncology</i> , 2019 , 16, 509-520	19.4	284
187	Histone H3.3. mutations drive pediatric glioblastoma through upregulation of MYCN. <i>Cancer Discovery</i> , 2013 , 3, 512-9	24.4	213
186	Visual outcomes in children with neurofibromatosis type 1-associated optic pathway glioma following chemotherapy: a multicenter retrospective analysis. <i>Neuro-Oncology</i> , 2012 , 14, 790-7	1	192
185	Phase II study of weekly vinblastine in recurrent or refractory pediatric low-grade glioma. <i>Journal of Clinical Oncology</i> , 2012 , 30, 1358-63	2.2	158
184	Paediatric and adult malignant glioma: close relatives or distant cousins?. <i>Nature Reviews Clinical Oncology</i> , 2012 , 9, 400-13	19.4	131
183	MGMT-independent temozolomide resistance in pediatric glioblastoma cells associated with a PI3-kinase-mediated HOX/stem cell gene signature. <i>Cancer Research</i> , 2010 , 70, 9243-52	10.1	130
182	Nocturnal oxygen saturation and painful sickle cell crises in children. <i>Blood</i> , 2003 , 101, 846-8	2.2	127
181	Pediatric high-grade glioma: biologically and clinically in need of new thinking. <i>Neuro-Oncology</i> , 2017 , 19, 153-161	1	125
180	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	2.2	125
179	Combined MYC and P53 defects emerge at medulloblastoma relapse and define rapidly progressive, therapeutically targetable disease. <i>Cancer Cell</i> , 2015 , 27, 72-84	24.3	122
178	A distinct spectrum of copy number aberrations in pediatric high-grade gliomas. <i>Clinical Cancer Research</i> , 2010 , 16, 3368-77	12.9	116
177	Natural history and outcome of optic pathway gliomas in children. <i>Pediatric Blood and Cancer</i> , 2009 , 53, 1231-7	3	116
176	Innovative Therapies for Children with Cancer pediatric phase I study of erlotinib in brainstem glioma and relapsing/refractory brain tumors. <i>Neuro-Oncology</i> , 2011 , 13, 109-18	1	112

175	Melanoma in congenital melanocytic naevi. <i>British Journal of Dermatology</i> , 2017 , 176, 1131-1143	4	110
174	Quality of health information on the Internet in pediatric neuro-oncology. <i>Neuro-Oncology</i> , 2006 , 8, 175-82		98
173	Mosaic RAS/MAPK variants cause sporadic vascular malformations which respond to targeted therapy. <i>Journal of Clinical Investigation</i> , 2018 , 128, 1496-1508	15.9	97
172	A multi-disciplinary consensus statement concerning surgical approaches to low-grade, high-grade astrocytomas and diffuse intrinsic pontine gliomas in childhood (CPN Paris 2011) using the Delphi method. <i>Neuro-Oncology</i> , 2013 , 15, 462-8	1	93
171	Molecular and phenotypic characterisation of paediatric glioma cell lines as models for preclinical drug development. <i>PLoS ONE</i> , 2009 , 4, e5209	3.7	88
170	Survival prediction model of children with diffuse intrinsic pontine glioma based on clinical and radiological criteria. <i>Neuro-Oncology</i> , 2015 , 17, 160-6	1	87
169	Conventional MRI cannot predict survival in childhood diffuse intrinsic pontine glioma. <i>Journal of Neuro-Oncology</i> , 2008 , 86, 313-9	4.8	84
168	Phase I study of oral sonidegib (LDE225) in pediatric brain and solid tumors and a phase II study in children and adults with relapsed medulloblastoma. <i>Neuro-Oncology</i> , 2017 , 19, 1542-1552	1	78
167	DIPG-25. GENETIC ALTERATIONS TARGETING THE MAPK PATHWAY CONFERS PRECLINICAL SENSITIVITY TO TRAMETINIB IN A CO-CLINICAL TRIAL IN DIPG. <i>Neuro-Oncology</i> , 2019 , 21, ii74-ii74	1	78
166	MODL-19. DIPG HARBOUR ALTERATIONS TARGETABLE BY MEK INHIBITORS, WITH ACQUIRED RESISTANCE MECHANISMS OVERCOME BY COMBINATORIAL UP- OR DOWN-STREAM INHIBITION. <i>Neuro-Oncology</i> , 2020 , 22, iii414-iii414	1	78
165	LGG-17. SYNERGISTIC ACTIVITY OF MAPK INHIBITOR CLASSES REVEALED BY A NOVEL CELL-BASED MAPK ACTIVITY PEDIATRIC LOW-GRADE GLIOMA ASSAY. <i>Neuro-Oncology</i> , 2020 , 22, iii369-iii369	1	78
164	IMG-13. MRI-BASED RADIOMICS PROGNOSTIC MARKERS OF POSTERIOR FOSSA EPENDYMOMA. <i>Neuro-Oncology</i> , 2020 , 22, iii357-iii357	1	78
163	IMG-10. MRI-BASED RADIOMIC PROGNOSTIC MARKERS OF DIFFUSE MIDLINE GLIOMA. <i>Neuro-Oncology</i> , 2020 , 22, iii357-iii357	1	78
162	HGG-07. RADIATION INDUCED SENESCENCE IN DIFFUSE INTRINSIC PONTINE GLIOMA CELLS REVEALS SELECTIVE VULNERABILITY TO BCL-XL INHIBITION. <i>Neuro-Oncology</i> , 2021 , 23, i18-i18	1	78
161	HGG-06. EARLY GABAERGIC NEURONAL LINEAGE DEFINES DEPENDENCIES IN HISTONE H3 G34R/V GLIOMA. <i>Neuro-Oncology</i> , 2021 , 23, i18-i18	1	78
160	CR-24A 5-YEAR UPDATE REPORT OF A NATIONAL, VIRTUAL, INTERDISCIPLINARY ENDEAVOUR TO IMPROVE OUTCOMES FOR CHILDREN WITH HYPOTHALAMIC PITUITARY AXIS TUMOURS (HPATS) USING MULTI-SITE VIDEO CONFERENCING. <i>Neuro-Oncology</i> , 2016 , 18, iii23.2-iii23	1	78
159	HG-28 SURVIVAL BENEFIT FOR PATIENTS WITH DIFFUSE INTRINSIC PONTINE GLIOMA (DIPG) UNDERGOING RE-IRRADIATION AT FIRST PROGRESSION: ANALYSIS OF THE SIOP-E-DIPG/HGG WORKING GROUP. <i>Neuro-Oncology</i> , 2016 , 18, iii53.3-iii53	1	78
158	HG-44 EVALUATION OF ABT-414 IN CHILDREN WITH HIGH GRADE GLIOMA (HGG) AND DIFFUSE INTRINSIC PONTINE GLIOMA (DIPG). <i>Neuro-Oncology</i> , 2016 , 18, iii57.2-iii57	1	78

157	HG-75CLINICAL, RADIOLOGICAL, AND HISTO-GENETIC CHARACTERISTICS OF LONG-TERM SURVIVORS OF DIFFUSE INTRINSIC PONTINE GLIOMA: A COLLABORATIVE REPORT FROM THE INTERNATIONAL AND SIOP-E DIPG REGISTRIES. <i>Neuro-Oncology</i> , 2016 , 18, iii65.3-iii66	1	78
156	HG-85INTER-OBSERVER AGREEMENT IN NEUROPATHOLOGICAL HGG DIAGNOSIS : EXPERIENCE OF THE PRE-RANDOMISATION CENTRAL REVIEW IN THE HERBY TRIAL. <i>Neuro-Oncology</i> , 2016 , 18, iii68.1-iii68	1	78
155	HGG-15. PHASE 2 NESTED COHORT STUDY OF DEPATUXIZUMAB MAFODOTIN IN CHILDREN WITH HIGH GRADE GLIOMA AND DIFFUSE INTRINSIC PONTINE GLIOMA WITH EGFR AMPLIFICATION. <i>Neuro-Oncology</i> , 2018 , 20, i91-i92	1	78
154	QOL-19. THE PROMOTE STUDY: PATIENT REPORTED OUTCOME MEASURES ONLINE TO ENHANCE COMMUNICATION AND QUALITY OF LIFE AFTER CHILDHOOD BRAIN TUMOUR. <i>Neuro-Oncology</i> , 2018 , 20, i161-i161	1	78
153	RADI-05. EVALUATION OF THE IMPLEMENTATION OF THE RANO CRITERIA IN THE HERBY TRIAL OF PEDIATRIC PATIENTS WITH NEWLY DIAGNOSED HIGH-GRADE GLIOMAS. <i>Neuro-Oncology</i> , 2018 , 20, i170-i170	1	78
152	PDTM-34. TARGETING H3.3G34R/V RE-WIRING OF THE EPIGENOME IN PAEDIATRIC GLIOBLASTOMA OF CHILDREN AND YOUNG ADULTS. <i>Neuro-Oncology</i> , 2018 , 20, vi211-vi211	1	78
151	CRAN-17. TUMOUR COMPARTMENT TRANSCRIPTOMICS DEMONSTRATE THE ACTIVATION OF INFLAMMATORY AND ODONTOGENIC PROGRAMMES IN HUMAN ADAMANTINOMATOUS CRANIOPHARYNGIOMA AND IDENTIFY NOVEL THERAPEUTIC TARGETS. <i>Neuro-Oncology</i> , 2018 , 20, i40-i40	1	78
150	EAPH-05. MOLECULAR PROFILING AND IDENTIFICATION OF TARGETED THERAPIES FOR CHILDREN AND YOUNG ADULTS WITH PRIMARY CENTRAL NERVOUS SYSTEM TUMOURS IN THE UNITED KINGDOM. <i>Neuro-Oncology</i> , 2018 , 20, i66-i66	1	78
149	RADI-04. COMBINED RADIOLOGICAL, PATHOLOGICAL AND MOLECULAR OUTCOME EVALUATION IN NEWLY DIAGNOSED NON-BRAINSTEM PEDIATRIC HIGH-GRADE GLIOMA FROM THE RANDOMIZED, MULTICENTER HERBY PHASE II TRIAL. <i>Neuro-Oncology</i> , 2018 , 20, i170-i170	1	78
148	Pediatric low-grade gliomas: next biologically driven steps. <i>Neuro-Oncology</i> , 2018 , 20, 160-173	1	76
147	Hypofractionation vs conventional radiation therapy for newly diagnosed diffuse intrinsic pontine glioma: a matched-cohort analysis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013 , 85, 315-20	4	75
146	Safety and pharmacokinetics of temozolomide using a dose-escalation, metronomic schedule in recurrent paediatric brain tumours. <i>European Journal of Cancer</i> , 2006 , 42, 2335-42	7.5	75
145	EGFRvIII deletion mutations in pediatric high-grade glioma and response to targeted therapy in pediatric glioma cell lines. <i>Clinical Cancer Research</i> , 2009 , 15, 5753-61	12.9	70
144	New drugs for children and adolescents with cancer: the need for novel development pathways. <i>Lancet Oncology</i> , 2013 , 14, e117-24	21.7	68
143	Survival benefit for patients with diffuse intrinsic pontine glioma (DIPG) undergoing re-irradiation at first progression: A matched-cohort analysis on behalf of the SIOP-E-HGG/DIPG working group. <i>European Journal of Cancer</i> , 2017 , 73, 38-47	7.5	67
142	Infant High-Grade Gliomas Comprise Multiple Subgroups Characterized by Novel Targetable Gene Fusions and Favorable Outcomes. <i>Cancer Discovery</i> , 2020 , 10, 942-963	24.4	65
141	Tumour compartment transcriptomics demonstrates the activation of inflammatory and odontogenic programmes in human adamantinomatous craniopharyngioma and identifies the MAPK/ERK pathway as a novel therapeutic target. <i>Acta Neuropathologica</i> , 2018 , 135, 757-777	14.3	64
140	Progressive reduction in treatment-related deaths in Medical Research Council childhood lymphoblastic leukaemia trials from 1980 to 1997 (UKALL VIII, X and XI). <i>British Journal of Haematology</i> , 2001 , 112, 293-9	4.5	62

139	Efficacy and Safety of Dabrafenib in Pediatric Patients with V600 Mutation-Positive Relapsed or Refractory Low-Grade Glioma: Results from a Phase I/IIa Study. <i>Clinical Cancer Research</i> , 2019 , 25, 7303-7311	12.9	58
138	Diffuse intrinsic pontine glioma treated with prolonged temozolomide and radiotherapy--results of a United Kingdom phase II trial (CNS 2007 04). <i>European Journal of Cancer</i> , 2013 , 49, 3856-62	7.5	57
137	Challenges with defining response to antitumor agents in pediatric neuro-oncology: a report from the response assessment in pediatric neuro-oncology (RAPNO) working group. <i>Pediatric Blood and Cancer</i> , 2013 , 60, 1397-401	3	53
136	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	2.2	53
135	Heterogeneity of familial medulloblastoma and contribution of germline PTCH1 and SUFU mutations to sporadic medulloblastoma. <i>Familial Cancer</i> , 2011 , 10, 337-42	3	51
134	Hereditary leiomyomatosis and renal cell carcinoma: very early diagnosis of renal cancer in a paediatric patient. <i>Familial Cancer</i> , 2010 , 9, 239-43	3	46
133	A five-gene hedgehog signature developed as a patient preselection tool for hedgehog inhibitor therapy in medulloblastoma. <i>Clinical Cancer Research</i> , 2015 , 21, 585-93	12.9	44
132	Evaluation of dietetic intervention in children with medulloblastoma or supratentorial primitive neuroectodermal tumors. <i>Cancer</i> , 2003 , 98, 1014-20	6.4	41
131	Paediatric high and low grade glioma: the impact of tumour biology on current and future therapy. <i>British Journal of Neurosurgery</i> , 2009 , 23, 351-63	1	40
130	Enhanced efficacy of IGF1R inhibition in pediatric glioblastoma by combinatorial targeting of PDGFR. <i>Molecular Cancer Therapeutics</i> , 2011 , 10, 1407-18	6.1	39
129	A phase I trial of AT9283 (a selective inhibitor of aurora kinases) in children and adolescents with solid tumors: a Cancer Research UK study. <i>Clinical Cancer Research</i> , 2015 , 21, 267-73	12.9	37
128	Comprehensive molecular characterisation of epilepsy-associated glioneuronal tumours. <i>Acta Neuropathologica</i> , 2018 , 135, 115-129	14.3	36
127	What are the experiences of the child with a brain tumour and their parents?. <i>European Journal of Oncology Nursing</i> , 2009 , 13, 255-61	2.8	36
126	A Phase I and Pharmacokinetic Study of Oral Dabrafenib in Children and Adolescent Patients with Recurrent or Refractory V600 Mutation-Positive Solid Tumors. <i>Clinical Cancer Research</i> , 2019 , 25, 7294-7302	12.9	36
125	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	4.8	34
124	Germinoma with synchronous lesions in the pineal and suprasellar regions. <i>Child's Nervous System</i> , 2006 , 22, 1513-8	1.7	34
123	MEK inhibition appears to improve symptom control in primary NRAS-driven CNS melanoma in children. <i>British Journal of Cancer</i> , 2017 , 116, 990-993	8.7	32
122	Pediatric pan-central nervous system tumor analysis of immune-cell infiltration identifies correlates of antitumor immunity. <i>Nature Communications</i> , 2020 , 11, 4324	17.4	32

121	The addition of high-dose tamoxifen to standard radiotherapy does not improve the survival of patients with diffuse intrinsic pontine glioma. <i>Journal of Neuro-Oncology</i> , 2010 , 100, 81-8	4.8	31
120	Acampomelic campomelic syndrome. <i>American Journal of Medical Genetics Part A</i> , 2001 , 104, 239-245		31
119	18F-fluoroethylcholine (18F-Cho) PET/MRI functional parameters in pediatric astrocytic brain tumors. <i>Clinical Nuclear Medicine</i> , 2015 , 40, e40-5	1.7	30
118	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, 1236-43	1	30
117	Vincristine and carboplatin chemotherapy for unresectable and/or recurrent low-grade astrocytoma of the brainstem. <i>Pediatric Blood and Cancer</i> , 2010 , 55, 471-7	3	29
116	Microsatellite instability in pediatric high grade glioma is associated with genomic profile and differential target gene inactivation. <i>PLoS ONE</i> , 2011 , 6, e20588	3.7	29
115	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, 1581-7	4.4	29
114	Gender as a disease modifier in neurofibromatosis type 1 optic pathway glioma. <i>Annals of Neurology</i> , 2014 , 75, 799-800	9.4	28
113	Pathological laughter and behavioural change in childhood pontine glioma. <i>Journal of Neuro-Oncology</i> , 2006 , 77, 267-71	4.8	26
112	How to live with the decisions I make: laying a foundation for decision making for children with life-limiting conditions and life-threatening illnesses. <i>Archives of Disease in Childhood</i> , 2017 , 102, 468-471	2.2	23
111	Toxicity and outcome of children and adolescents participating in phase I/II trials of novel anticancer drugs: the Royal Marsden experience. <i>Journal of Pediatric Hematology/Oncology</i> , 2014 , 36, 218-23	1.2	23
110	Clinical presentation and prognostic indicators in 100 adults and children with neurofibromatosis 1 associated non-optic pathway brain gliomas. <i>Journal of Neuro-Oncology</i> , 2017 , 133, 609-614	4.8	21
109	A tailored molecular profiling programme for children with cancer to identify clinically actionable genetic alterations. <i>European Journal of Cancer</i> , 2019 , 121, 224-235	7.5	21
108	Trametinib in pediatric patients with neurofibromatosis type 1 (NF-1) associated plexiform neurofibroma: A phase I/IIa study. <i>Journal of Clinical Oncology</i> , 2018 , 36, 10504-10504	2.2	21
107	DNA methylation-based profiling for paediatric CNS tumour diagnosis and treatment: a population-based study. <i>The Lancet Child and Adolescent Health</i> , 2020 , 4, 121-130	14.5	21
106	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	4.8	19
105	Arterial spin labelling and diffusion-weighted imaging in paediatric brain tumours. <i>NeuroImage: Clinical</i> , 2019 , 22, 101696	5.3	19
104	The value of magnetic resonance spectroscopy in tumour imaging. <i>Archives of Disease in Childhood</i> , 2008 , 93, 725-7	2.2	18

103	Pediatric CNS tumors: current treatment and future directions. <i>Expert Review of Neurotherapeutics</i> , 2007 , 7, 1029-42	4.3	18
102	A phase I/II study of LDE225, a smoothed (Smo) antagonist, in pediatric patients with recurrent medulloblastoma (MB) or other solid tumors.. <i>Journal of Clinical Oncology</i> , 2012 , 30, 9519-9519	2.2	18
101	LGG-46. TRAMETINIB THERAPY IN PEDIATRIC PATIENTS WITH LOW-GRADE GLIOMAS (LGG) WITH BRAF GENE FUSION; A DISEASE-SPECIFIC COHORT IN THE FIRST PEDIATRIC TESTING OF TRAMETINIB. <i>Neuro-Oncology</i> , 2018 , 20, i114-i114	1	17
100	A phase I/II trial of AT9283, a selective inhibitor of aurora kinase in children with relapsed or refractory acute leukemia: challenges to run early phase clinical trials for children with leukemia. <i>Pediatric Blood and Cancer</i> , 2017 , 64, e26351	3	16
99	A study of child homicide over two decades. <i>Medicine, Science and the Law</i> , 1992 , 32, 247-50	1.1	16
98	A phase 1 study of oral ridaforolimus in pediatric patients with advanced solid tumors. <i>Oncotarget</i> , 2016 , 7, 84736-84747	3.3	16
97	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, 582-8	1	15
96	Screen and identification of proteins interacting with ADAM19 cytoplasmic tail. <i>Molecular Biology Reports</i> , 2002 , 29, 317-23	2.8	15
95	State of affairs in use of steroids in diffuse intrinsic pontine glioma: an international survey and a review of the literature. <i>Journal of Neuro-Oncology</i> , 2016 , 128, 387-94	4.8	15
94	Central nervous system tumours in adolescents. <i>European Journal of Cancer</i> , 2003 , 39, 2643-50	7.5	14
93	Tobacco smoke exposure in children and adolescents with diabetes mellitus. <i>Diabetic Medicine</i> , 1999 , 16, 31-4	3.5	14
92	Delineation of the visual pathway in paediatric optic pathway glioma patients using probabilistic tractography, and correlations with visual acuity. <i>NeuroImage: Clinical</i> , 2018 , 17, 541-548	5.3	13
91	Case of interstitial 12q deletion in association with Wilms tumor. <i>American Journal of Medical Genetics Part A</i> , 2001 , 104, 246-249		13
90	Efficacy and safety results from a phase I/IIa study of dabrafenib in pediatric patients with BRAF V600E mutant relapsed refractory low-grade glioma.. <i>Journal of Clinical Oncology</i> , 2018 , 36, 10506-10506	2.2	13
89	Pattern of recurrence in paediatric malignant glioma: an institutional experience. <i>Journal of Neuro-Oncology</i> , 2007 , 83, 279-84	4.8	12
88	Primary pericardial synovial sarcoma confirmed by molecular genetic studies: a case report. <i>Journal of Pediatric Hematology/Oncology</i> , 2007 , 29, 492-5	1.2	12
87	Prognostic factors of overall survival in children and adolescents enrolled in dose-finding trials in Europe: An Innovative Therapies for Children with Cancer study. <i>European Journal of Cancer</i> , 2016 , 67, 130-140	7.5	12
86	Childhood brain tumour information on the Internet in the Chinese language. <i>Child's Nervous System</i> , 2006 , 22, 346-51	1.7	11

85	Results of stage 1 of the oparatic trial: A phase I study of olaparib in combination with temozolomide in patients with relapsed glioblastoma.. <i>Journal of Clinical Oncology</i> , 2014 , 32, 2025-2025	2.2	11
84	Phase 1 trial of trametinib alone and in combination with dabrafenib in children and adolescents with relapsed solid tumors or neurofibromatosis type 1 (NF1) progressive plexiform neurofibromas (PN).. <i>Journal of Clinical Oncology</i> , 2018 , 36, 10537-10537	2.2	11
83	Evaluation of treatment response using integrated 18F-labeled choline positron emission tomography/magnetic resonance imaging in adolescents with intracranial non-germinomatous germ cell tumours. <i>Pediatric Blood and Cancer</i> , 2015 , 62, 1661-3	3	9
82	Phase I study of tazemetostat, an enhancer of zeste homolog-2 inhibitor, in pediatric pts with relapsed/refractory integrase interactor 1-negative tumors.. <i>Journal of Clinical Oncology</i> , 2020 , 38, 10525-10528	2.2	11
81	NF1 optic pathway glioma: analyzing risk factors for visual outcome and indications to treat. <i>Neuro-Oncology</i> , 2021 , 23, 100-111	1	9
80	Classification of paediatric brain tumours by diffusion weighted imaging and machine learning. <i>Scientific Reports</i> , 2021 , 11, 2987	4.9	9
79	Does chemotherapy have a role in the management of craniopharyngioma?. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2006 , 19 Suppl 1, 407-12	1.6	9
78	A population pharmacokinetic model of AT9283 in adults and children to predict the maximum tolerated dose in children with leukaemia. <i>British Journal of Clinical Pharmacology</i> , 2017 , 83, 1713-1722	3.8	8
77	Molecular correlates of cerebellar mutism syndrome in medulloblastoma. <i>Neuro-Oncology</i> , 2020 , 22, 290-297	1	8
76	Radiological Evaluation of Newly Diagnosed Non-Brainstem Pediatric High-Grade Glioma in the HERBY Phase II Trial. <i>Clinical Cancer Research</i> , 2020 , 26, 1856-1865	12.9	7
75	A phase II single-arm study of irinotecan in combination with temozolomide (TEMIRI) in children with newly diagnosed high grade glioma: a joint ITCC and SIOPE-brain tumour study. <i>Journal of Neuro-Oncology</i> , 2013 , 113, 127-34	4.8	7
74	Preclinical drug development for childhood cancer. <i>Expert Opinion on Drug Discovery</i> , 2011 , 6, 49-64	6.2	7
73	Pontine glioma. To biopsy or not to biopsy: that is the question. <i>British Journal of Neurosurgery</i> , 2008 , 22, 624	1	7
72	Response to low dose temozolomide in radiation induced gliomatosis cerebri. <i>Medical and Pediatric Oncology</i> , 2003 , 41, 562-4		7
71	Dabrafenib in pediatric patients with BRAF V600E positive high-grade glioma (HGG).. <i>Journal of Clinical Oncology</i> , 2018 , 36, 10505-10505	2.2	7
70	Phase I study of fotemustine in pediatric patients with refractory brain tumors. <i>Cancer</i> , 2002 , 95, 1294-301	3.1	6
69	A case series of Diffuse Glioneuronal Tumours with Oligodendroglioma-like features and Nuclear Clusters (DGONC). <i>Neuropathology and Applied Neurobiology</i> , 2021 , 47, 464-467	5.2	6
68	Children and Parents' Conceptualization of Quality of Life in Children With Brain Tumors: A Meta-Ethnographic Exploration. <i>Qualitative Health Research</i> , 2019 , 29, 55-68	3.9	5

67	Pediatric diffuse intrinsic pontine glioma: can optimism replace pessimism?. <i>CNS Oncology</i> , 2012 , 1, 137-48		5
66	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
65	Complete radiographic responses in pediatric patients with BRAFV600-positive tumors including high-grade gliomas: Preliminary results of an ongoing phase 1/2a safety and pharmacokinetics (PK) study of dabrafenib.. <i>Journal of Clinical Oncology</i> , 2014 , 32, 10056-10056	2.2	5
64	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	0.9	5
63	Prospective multicentre evaluation and refinement of an analysis tool for magnetic resonance spectroscopy of childhood cerebellar tumours. <i>Pediatric Radiology</i> , 2018 , 48, 1630-1641	2.8	4
62	Abstract A175: Phase 1 study of the EZH2 inhibitor, tazemetostat, in children with relapsed or refractory INI1-negative tumors including rhabdoid tumors, epithelioid sarcoma, chordoma, and synovial sarcoma 2018 ,		4
61	A phase II clinical study of pomalidomide (CC-4047) monotherapy for children and young adults with recurrent or progressive primary brain tumors.. <i>Journal of Clinical Oncology</i> , 2019 , 37, 10035-10035	2.2	4
60	Commentary on "Histone H3F3A and HIST1H3B K27M mutations define two subgroups of diffuse intrinsic pontine gliomas with different prognosis and phenotypes". <i>Acta Neuropathologica</i> , 2016 , 131, 793-4	14.3	4
59	Parents' Responses to prognostic disclosure at diagnosis of a child with a high-risk brain tumor: Analysis of clinician-parent interactions and implications for clinical practice. <i>Pediatric Blood and Cancer</i> , 2021 , 68, e28802	3	4
58	Neurosurgical experience of managing optic pathway gliomas. <i>Child's Nervous System</i> , 2021 , 37, 1917-1929		4
57	PDTM-33. ATRX LOSS CONFERS ENHANCED SENSITIVITY TO COMBINED PARP INHIBITION AND RADIOTHERAPY IN PAEDIATRIC GLIOBLASTOMA MODELS. <i>Neuro-Oncology</i> , 2018 , 20, vi210-vi211	1	4
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