Thomas E Merchant Do

List of Publications by Year
in descending order

421 papers	24,088 citations	82 h-index	136 g-index
		5574	11308
428 all docs	428 docs citations	428 times ranked	14744 citing authors

#	Article	IF	Citations
1	Risk-adapted craniospinal radiotherapy followed by high-dose chemotherapy and stem-cell rescue in children with newly diagnosed medulloblastoma (St Jude Medulloblastoma-96): long-term results from a prospective, multicentre trial. Lancet Oncology, The, 2006, 7, 813-820.	10.7	811
2	Late neurocognitive sequelae in survivors of brain tumours in childhood. Lancet Oncology, The, 2004, 5, 399-408.	10.7	744
3	Radiation Doseâ€“Volume Effects in the Brain. International Journal of Radiation Oncology Biology Physics, 2010, 76, S20-S27.	0.8	620
4	C11orf95â€“RELA fusions drive oncogenic NF-ÎºB signalling in ependymoma. Nature, 2014, 506, 451-455.	27.8	559
5	Conformal radiotherapy after surgery for paediatric ependymoma: a prospective study. Lancet Oncology, The, 2009, 10, 258-266.	10.7	444
6	Atypical Teratoid/Rhabdoid Tumors (ATRT): Improved Survival in Children 3 Years of Age and Older With Radiation Therapy and High-Dose Alkylator-Based Chemotherapy. Journal of Clinical Oncology, 2005, 23, 1491-1499.	1.6	384
7	Patterns of Intellectual Development Among Survivors of Pediatric Medulloblastoma: A Longitudinal Analysis. Journal of Clinical Oncology, 2001, 19, 2302-2308.	1.6	356
8	Late Effects of Conformal Radiation Therapy for Pediatric Patients With Low-Grade Glioma: Prospective Evaluation of Cognitive, Endocrine, and Hearing Deficits. Journal of Clinical Oncology, 2009, 27, 3691-3697.	1.6	353
9	Craniopharyngioma: the St. Jude Childrenâ€™s Research Hospital experience 1984â€“2001. International Journal of Radiation Oncology Biology Physics, 2002, 53, 533-542.	0.8	341
10	Neurocognitive Consequences of Risk-Adapted Therapy for Childhood Medulloblastoma. Journal of Clinical Oncology, 2005, 23, 5511-5519.	1.6	339
11	Cross-species genomics matches driver mutations and cell compartments to model ependymoma. Nature, 2010, 466, 632-636.	27.8	324
12	Proton versus photon radiotherapy for common pediatric brain tumors: Comparison of models of dose characteristics and their relationship to cognitive function. Pediatric Blood and Cancer, 2008, 51, 110-117.	1.5	306
13	Risk Factors for the Development of Obesity in Children Surviving Brain Tumors. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 611-616.	3.6	286
14	Preliminary Results From a Phase II Trial of Conformal Radiation Therapy and Evaluation of Radiation-Related CNS Effects for Pediatric Patients With Localized Ependymoma. Journal of Clinical Oncology, 2004, 22, 3156-3162.	1.6	282
15	Radiation Associated Brainstem Injury. International Journal of Radiation Oncology Biology Physics, 2010, 76, S36-S41.	0.8	281
16	The current consensus on the clinical management of intracranial ependymoma and its distinct molecular variants. Acta Neuropathologica, 2017, 133, 5-12.	7.7	271
17	Craniopharyngioma. Nature Reviews Disease Primers, 2019, 5, 75.	30.5	255
18	Anterior Hypopituitarism in Adult Survivors of Childhood Cancers Treated With Cranial Radiotherapy: A Report From the St Jude Lifetime Cohort Study. Journal of Clinical Oncology, 2015, 33, 492-500.	1.6	216

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19	Molecular heterogeneity and CXorf67 alterations in posterior fossa group A (PFA) ependymomas. Acta Neuropathologica, 2018, 136, 211-226.	7.7	199
20	Dasatinib Plus Intensive Chemotherapy in Children, Adolescents, and Young Adults With Philadelphia Chromosomeâ€“Positive Acute Lymphoblastic Leukemia: Results of Childrenâ€™s Oncology Group Trial AALL0622. Journal of Clinical Oncology, 2018, 36, 2306-2314.	1.6	185
21	Phase II Trial of Conformal Radiation Therapy for Pediatric Low-Grade Glioma. Journal of Clinical Oncology, 2009, 27, 3598-3604.	1.6	180
22	Survival and long-term health and cognitive outcomes after low-grade glioma. Neuro-Oncology, 2011, 13, 223-234.	1.2	179
23	Immediate Neurocognitive Effects of Methylphenidate on Learning-Impaired Survivors of Childhood Cancer. Journal of Clinical Oncology, 2001, 19, 1802-1808.	1.6	177
24	Endocrine Outcomes for Children With Embryonal Brain Tumors After Risk-Adapted Craniospinal and Conformal Primary-Site Irradiation and High-Dose Chemotherapy With Stem-Cell Rescue on the SJMB-96 Trial. Journal of Clinical Oncology, 2008, 26, 1112-1118.	1.6	174
25	Effects of fractionated radiation on the brain vasculature in a murine model: Bloodâ€“brain barrier permeability, astrocyte proliferation, and ultrastructural changes. International Journal of Radiation Oncology Biology Physics, 2006, 66, 860-866.	0.8	173
26	A Retrospective Study of Surgery and Reirradiation for Recurrent Ependymoma. International Journal of Radiation Oncology Biology Physics, 2008, 71, 87-97.	0.8	172
27	Auditory Late Effects of Childhood Cancer Therapy: A Report From the Children's Oncology Group. Pediatrics, 2010, 125, e938-e950.	2.1	169
28	cIMPACTâ€NOW update 7: advancing the molecular classification of ependymal tumors. Brain Pathology, 2020, 30, 863-866.	4.1	168
29	Treatment of Intraocular Retinoblastoma With Vincristine and Carboplatin. Journal of Clinical Oncology, 2003, 21, 2019-2025.	1.6	167
30	Brain Tumors Across the Age Spectrum: Biology, Therapy, and Late Effects. Seminars in Radiation Oncology, 2010, 20, 58-66.	2.2	164
31	Radiation-induced permeability and leukocyte adhesion in the rat bloodâ€“brain barrier: modulation with anti-ICAM-1 antibodies. Brain Research, 2003, 969, 59-69.	2.2	163
32	Hearing Loss After Radiotherapy for Pediatric Brain Tumors: Effect of Cochlear Dose. International Journal of Radiation Oncology Biology Physics, 2008, 72, 892-899.	0.8	162
33	Therapeutic Impact of Cytoreductive Surgery and Irradiation of Posterior Fossa Ependymoma in the Molecular Era: A Retrospective Multicohort Analysis. Journal of Clinical Oncology, 2016, 34, 2468-2477.	1.6	160
34	Prognostic Factors for Children and Adolescents With Surgically Resected Nonrhabdomyosarcoma Soft Tissue Sarcoma: An Analysis of 121 Patients Treated at St Jude Children's Research Hospital. Journal of Clinical Oncology, 1999, 17, 3697-3705.	1.6	159
35	Multi-Institution Prospective Trial of Reduced-Dose Craniospinal Irradiation (23.4 Gy) Followed by Conformal Posterior Fossa (36 Gy) and Primary Site Irradiation (55.8 Gy) and Dose-Intensive Chemotherapy for Average-Risk Medulloblastoma. International Journal of Radiation Oncology Biology Physics, 2008, 70, 782-787.	0.8	158
36	Conformal Radiation Therapy for Pediatric Ependymoma, Chemotherapy for Incompletely Resected Ependymoma, and Observation for Completely Resected, Supratentorial Ependymoma. Journal of Clinical Oncology, 2019, 37, 974-983.	1.6	154

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37	Risk-adapted therapy for young children with medulloblastoma (SJYC07): therapeutic and molecular outcomes from a multicentre, phase 2 trial. Lancet Oncology, The, 2018, 19, 768-784.	10.7	151
38	Long-Term Neurocognitive Functioning and Social Attainment in Adult Survivors of Pediatric CNS Tumors: Results From the St Jude Lifetime Cohort Study. Journal of Clinical Oncology, 2016, 34, 1358-1367.	1.6	150
39	MRI-based treatment planning with pseudo CT generated through atlas registration. Medical Physics, 2014, 41, 051711.	3.0	144
40	Survival after recurrence of Ewing Tumors. Cancer, 2002, 94, 561-569.	4.1	143
41	Growth Hormone Secretion After Conformal Radiation Therapy in Pediatric Patients With Localized Brain Tumors. Journal of Clinical Oncology, 2011, 29, 4776-4780.	1.6	141
42	Radiation dosimetry predicts IQ after conformal radiation therapy in pediatric patients with localized ependymoma. International Journal of Radiation Oncology Biology Physics, 2005, 63, 1546-1554.	0.8	135
43	Carboplatin-Associated Ototoxicity in Children With Retinoblastoma. Journal of Clinical Oncology, 2012, 30, 1034-1041.	1.6	134
44	Intellectual and Functional Outcome of Children 3 Years Old or Younger Who Have CNS Malignancies. Journal of Clinical Oncology, 2005, 23, 7152-7160.	1.6	129
45	Modeling radiation dosimetry to predict cognitive outcomes in pediatric patients with CNS embryonal tumors including medulloblastoma. International Journal of Radiation Oncology Biology Physics, 2006, 65, 210-221.	0.8	128
46	Computerized Cognitive Training for Amelioration of Cognitive Late Effects Among Childhood Cancer Survivors: A Randomized Controlled Trial. Journal of Clinical Oncology, 2015, 33, 3894-3902.	1.6	126
47	Clinical Features and Outcome of Initially Unresected Nonmetastatic Pediatric Nonrhabdomyosarcoma Soft Tissue Sarcoma. Journal of Clinical Oncology, 2002, 20, 3225-3235.	1.6	125
48	Predicting Change in Academic Abilities After Conformal Radiation Therapy for Localized Ependymoma. Journal of Clinical Oncology, 2008, 26, 3965-3970.	1.6	123
49	Survival and functional outcome of children with hypothalamic/chiasmatic tumors. Cancer, 2003, 97, 1084-1092.	4.1	122
50	Improved Intratumoral Oxygenation Through Vascular Normalization Increases Glioma Sensitivity to Ionizing Radiation. International Journal of Radiation Oncology Biology Physics, 2010, 76, 1537-1545.	0.8	122
51	On the Benefits and Risks of Proton Therapy in Pediatric Craniopharyngioma. International Journal of Radiation Oncology Biology Physics, 2012, 82, e281-e287.	0.8	122
52	Radiation-Induced Astrogliosis and Blood-Brain Barrier Damage Can Be Abrogated Using Anti-TNF Treatment. International Journal of Radiation Oncology Biology Physics, 2009, 74, 934-941.	0.8	121
53	Subtle white matter volume differences in children treated for medulloblastoma with conventional or reduced dose craniospinal irradiationâ˜†. Magnetic Resonance Imaging, 2000, 18, 787-793.	1.8	120
54	Amifostine Protects Against Cisplatin-Induced Ototoxicity in Children With Average-Risk Medulloblastoma. Journal of Clinical Oncology, 2008, 26, 3749-3755.	1.6	119

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55	Attention and Memory Functioning Among Pediatric Patients with Medulloblastoma. Journal of Pediatric Psychology, 2006, 31, 272-280.	2.1	116
56	Retinoblastoma: One World, One Vision. Pediatrics, 2008, 122, e763-e770.	2.1	115
57	Ependymoma: New Therapeutic Approaches Including Radiation and Chemotherapy. Journal of Neuro-Oncology, 2005, 75, 287-299.	2.9	114
58	CNS germinoma: disease control and long-term functional outcome for 12 children treated with craniospinal irradiation. International Journal of Radiation Oncology Biology Physics, 2000, 46, 1171-1176.	0.8	113
59	Anaplastic ependymoma: treatment of pediatric patients with or without craniospinal radiation therapy. Journal of Neurosurgery, 1997, 86, 943-949.	1.6	112
60	Radiation therapy for pediatric craniopharyngioma. Neurosurgical Focus, 2010, 28, E10.	2.3	112
61	Comparison of CSF Cytology and Spinal Magnetic Resonance Imaging in the Detection of Leptomeningeal Disease in Pediatric Medulloblastoma or Primitive Neuroectodermal Tumor. Journal of Clinical Oncology, 1999, 17, 3234-3237.	1.6	111
62	Region-specific radiotherapy and neuropsychological outcomes in adult survivors of childhood CNS malignancies. Neuro-Oncology, 2010, 12, 1173-1186.	1.2	111
63	Review of cranial radiotherapy-induced vasculopathy. Journal of Neuro-Oncology, 2015, 122, 421-429.	2.9	111
64	Early neuro-otologic effects of three-dimensional irradiation in children with primary brain tumors. International Journal of Radiation Oncology Biology Physics, 2004, 58, 1194-1207.	0.8	110
65	Radiation dose-volume effects on growth hormone secretion. International Journal of Radiation Oncology Biology Physics, 2002, 52, 1264-1270.	0.8	109
66	Noninvasive Evaluation of Late Anthracycline Cardiac Toxicity in Childhood Cancer Survivors. Journal of Clinical Oncology, 2007, 25, 3635-3643.	1.6	109
67	Phase I Study of Vandetanib During and After Radiotherapy in Children With Diffuse Intrinsic Pontine Glioma. Journal of Clinical Oncology, 2010, 28, 4762-4768.	1.6	108
68	Phase II trial of conformal radiation therapy for pediatric patients with craniopharyngioma and correlation of surgical factors and radiation dosimetry with change in cognitive function. Journal of Neurosurgery: Pediatrics, 2006, 104, 94-102.	1.3	107
69	Outcomes by Clinical and Molecular Features in Children With Medulloblastoma Treated With Risk-Adapted Therapy: Results of an International Phase III Trial (SJMB03). Journal of Clinical Oncology, 2021, 39, 822-835.	1.6	106
70	New outlook on the diagnosis, treatment and follow-up of childhood-onset craniopharyngioma. Nature Reviews Endocrinology, 2017, 13, 299-312.	9.6	105
71	Influence of tumor grade on time to progression after irradiation for localized ependymoma in children. International Journal of Radiation Oncology Biology Physics, 2002, 53, 52-57.	0.8	104
72	Treatment Outcomes in Black and White Children With Cancer: Results From the SEER Database and St Jude Children's Research Hospital, 1992 Through 2007. Journal of Clinical Oncology, 2012, 30, 2005-2012.	1.6	104

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73	Changes in Attentional Performance of Children and Young Adults With Localized Primary Brain Tumors After Conformal Radiation Therapy. Journal of Clinical Oncology, 2006, 24, 5283-5290.	1.6	103
74	Efficacy of High-Dose Chemotherapy and Three-Dimensional Conformal Radiation for Atypical Teratoid/Rhabdoid Tumor: A Report From the Childrenâ€™s Oncology Group Trial ACNS0333. Journal of Clinical Oncology, 2020, 38, 1175-1185.	1.6	102
75	Distinct disease-risk groups in pediatric supratentorial and posterior fossa ependymomas. Acta Neuropathologica, 2012, 124, 247-257.	7.7	101
76	Prone position breast irradiation. International Journal of Radiation Oncology Biology Physics, 1994, 30, 197-203.	0.8	96
77	Pediatric Low-Grade and Ependymal Spinal Cord Tumors. Pediatric Neurosurgery, 2000, 32, 30-36.	0.7	94
78	Preliminary results from a Phase II trail of conforml radiation therapy for pediatric patients with localised low-grade astrocytoma and ependymoma. International Journal of Radiation Oncology Biology Physics, 2002, 52, 325-332.	0.8	92
79	Induction Chemotherapy and Conformal Radiation Therapy for Very Young Children With Nonmetastatic Medulloblastoma: Children's Oncology Group Study P9934. Journal of Clinical Oncology, 2012, 30, 3181-3186.	1.6	91
80	Accuracy of electron density, effective atomic number, and iodine concentration determination with a dualâ€layer dualâ€energy computed tomography system. Medical Physics, 2018, 45, 2486-2497.	3.0	91
81	Children's Oncology Group Phase III Trial of Reduced-Dose and Reduced-Volume Radiotherapy With Chemotherapy for Newly Diagnosed Average-Risk Medulloblastoma. Journal of Clinical Oncology, 2021, 39, 2685-2697.	1.6	91
82	Comparison of Lumbar and Shunt Cerebrospinal Fluid Specimens for Cytologic Detection of Leptomeningeal Disease in Pediatric Patients With Brain Tumors. Journal of Clinical Oncology, 1999, 17, 1825-1825.	1.6	89
83	Hearing Loss in Patients Who Received Cranial Radiation Therapy for Childhood Cancer. Journal of Clinical Oncology, 2016, 34, 1248-1255.	1.6	89
84	Treatment of metastatic retinoblastoma. Ophthalmology, 2003, 110, 1237-1240.	5.2	87
85	A hybrid neural network analysis of subtle brain volume differences in children surviving brain tumors. Magnetic Resonance Imaging, 1998, 16, 413-421.	1.8	86
86	Heterogeneity within the PF-EPN-B ependymoma subgroup. Acta Neuropathologica, 2018, 136, 227-237.	7.7	86
87	Phase I Trial, Pharmacokinetics, and Pharmacodynamics of Vandetanib and Dasatinib in Children with Newly Diagnosed Diffuse Intrinsic Pontine Glioma. Clinical Cancer Research, 2013, 19, 3050-3058.	7.0	82
88	Clear cell ependymoma: A clinicopathologic and radiographic analysis of 10 patients. Cancer, 2003, 98, 2232-2244.	4.1	81
89	Primary Ewing tumor of the vertebrae: Clinical characteristics, prognostic factors, and outcome. Medical and Pediatric Oncology, 2001, 37, 30-35.	1.0	78
90	Temozolomide after Radiotherapy for Newly Diagnosed High-grade Glioma and Unfavorable Low-grade Glioma in Children. Journal of Neuro-Oncology, 2006, 76, 313-319.	2.9	76

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91	Pediatric choroid plexus neoplasms. International Journal of Radiation Oncology Biology Physics, 1999, 44, 249-254.	0.8	75
92	Learning and Memory Following Conformal Radiation Therapy for Pediatric Craniopharyngioma and Low-Grade Glioma. International Journal of Radiation Oncology Biology Physics, 2012, 84, e363-e369.	0.8	75
93	Highâ€grade astrocytoma in very young children. Pediatric Blood and Cancer, 2007, 49, 888-893.	1.5	74
94	Children's Oncology Group's 2013 blueprint for research: Central nervous system tumors. Pediatric Blood and Cancer, 2013, 60, 1022-1026.	1.5	74
95	Risk-Adapted, Combined-Modality Therapy With VAMP/COP and Response-Based, Involved-Field Radiation for Unfavorable Pediatric Hodgkin's Disease. Journal of Clinical Oncology, 2004, 22, 4541-4550.	1.6	73
96	Clinical Controversies: Proton Therapy for Pediatric Tumors. Seminars in Radiation Oncology, 2013, 23, 97-108.	2.2	72
97	Disease Control After Reduced Volume Conformal and Intensity Modulated Radiation Therapy for Childhood Craniopharyngioma. International Journal of Radiation Oncology Biology Physics, 2013, 85, e187-e192.	0.8	72
98	Bithalamic Involvement Predicts Poor Outcome among Children with Thalamic Glial Tumors. Pediatric Neurosurgery, 1998, 29, 29-35.	0.7	71
99	Prone breast radiotherapy in early-stage breast cancer: a preliminary analysis. International Journal of Radiation Oncology Biology Physics, 2000, 47, 319-325.	0.8	71
100	Outcomes After Reirradiation for Recurrent Pediatric Intracranial Ependymoma. International Journal of Radiation Oncology Biology Physics, 2018, 100, 507-515.	0.8	71
101	Cutaneous and subcutaneous Ewingâ€™s sarcoma: an indolent disease. International Journal of Radiation Oncology Biology Physics, 2000, 46, 433-438.	0.8	70
102	Acute effects of irradiation on cognition: changes in attention on a computerized continuous performance test during radiotherapy in pediatric patients with localized primary brain tumors. International Journal of Radiation Oncology Biology Physics, 2002, 53, 1271-1278.	0.8	70
103	Definitive irradiation in multidisciplinary management of localized Ewing sarcoma family of tumors in pediatric patients: Outcome and prognostic factors. International Journal of Radiation Oncology Biology Physics, 2004, 60, 830-838.	0.8	69
104	A pilot study of risk-adapted radiotherapy and chemotherapy in patients with supratentorial PNET. Neuro-Oncology, 2009, 11, 33-40.	1.2	69
105	Proton Beam Therapy in Pediatric Oncology. Cancer Journal (Sudbury, Mass), 2009, 15, 298-305.	2.0	69
106	A 5-Year Investigation of Children's Adaptive Functioning Following Conformal Radiation Therapy for Localized Ependymoma. International Journal of Radiation Oncology Biology Physics, 2012, 84, 217-223.e1.	0.8	69
107	Preirradiation endocrinopathies in pediatric brain tumor patients determined by dynamic tests of endocrine function. International Journal of Radiation Oncology Biology Physics, 2002, 54, 45-50.	0.8	68
108	Radiation therapy for relapsed CNS germinoma after primary chemotherapy.. Journal of Clinical Oncology, 1998, 16, 204-209.	1.6	67

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109	The influence of older age on breast cancer treatment decisions and outcome. International Journal of Radiation Oncology Biology Physics, 1996, 34, 565-570.	0.8	66
110	Medulloblastoma: Long-term results for patients treated with definitive radiation therapy during the computed tomography era. International Journal of Radiation Oncology Biology Physics, 1996, 36, 29-35.	0.8	66
111	Metastatic nonrhabdomyosarcomatous soft-tissue sarcomas in children and adolescents: The St. Jude Children's Research Hospital experience. , 1999, 33, 76-82.		66
112	Brain Metastases in Pediatric Ewing Sarcoma and Rhabdomyosarcoma. Journal of Pediatric Hematology/Oncology, 1999, 21, 370-377.	0.6	66
113	Hemangiopericytoma in children and infants. , 2000, 88, 198-204.		66
114	Effect of ionizing radiation on the human brain: White matter and gray matter T1 in pediatric brain tumor patients treated with conformal radiation therapy. International Journal of Radiation Oncology Biology Physics, 2001, 49, 79-91.	0.8	65
115	Critical Combinations of Radiation Dose and Volume Predict Intelligence Quotient and Academic Achievement Scores After Craniospinal Irradiation in Children With Medulloblastoma. International Journal of Radiation Oncology Biology Physics, 2014, 90, 554-561.	0.8	65
116	Efficacy of combined surgery and irradiation for localized Ewings sarcoma family of tumors. Pediatric Blood and Cancer, 2004, 43, 229-236.	1.5	64
117	Phase I and Pharmacokinetic Studies of Erlotinib Administered Concurrently with Radiotherapy for Children, Adolescents, and Young Adults with High-Grade Glioma. Clinical Cancer Research, 2009, 15, 701-707.	7.0	64
118	Serial assessment of measurable residual disease in medulloblastoma liquid biopsies. Cancer Cell, 2021, 39, 1519-1530.e4.	16.8	64
119	Molecular grouping and outcomes of young children with newly diagnosed ependymoma treated on the multi-institutional SJYC07 trial. Neuro-Oncology, 2019, 21, 1319-1330.	1.2	63
120	Fractures in Pediatric Ewing Sarcoma. The American Journal of Pediatric Hematology/oncology, 2001, 23, 568-571.	1.3	62
121	Definitive surgery and multiagent systemic therapy for patients with localized Ewing sarcoma family of tumors. Cancer, 2005, 104, 367-373.	4.1	62
122	Redesigning Radiotherapy Quality Assurance: Opportunities to Develop an Efficient, Evidence-Based System to Support Clinical Trialsâ€"Report of the NationalÂCancer Institute Work Group on Radiotherapy Quality Assurance. International Journal of Radiation Oncology Biology Physics, 2012, 83, 782-790.	0.8	62
123	Evaluation of amifostine for protection against cisplatin-induced serious hearing loss in children treated for average-risk or high-risk medulloblastoma. Neuro-Oncology, 2014, 16, 848-855.	1.2	62
124	Necrosis After Craniospinal Irradiation: Results From a Prospective Series of Children With Central Nervous System Embryonal Tumors. International Journal of Radiation Oncology Biology Physics, 2012, 83, e655-e660.	0.8	59
125	Long-term results with radiation therapy for pediatric desmoid tumors. International Journal of Radiation Oncology Biology Physics, 2000, 47, 1267-1271.	0.8	58
126	Health Status in Long-Term Survivors of Pediatric Craniopharyngiomas. Journal of Neuroscience Nursing, 2010, 42, 323-328.	1.1	58

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127	Reirradiation of recurrent medulloblastoma: Does clinical benefit outweigh risk for toxicity?. Cancer, 2014, 120, 3731-3737.	4.1	58
128	Factors Associated With Neurological Recovery of Brainstem Function Following Postoperative Conformal Radiation Therapy for Infratentorial Ependymoma. International Journal of Radiation Oncology Biology Physics, 2010, 76, 496-503.	0.8	57
129	Episcleral plaque brachytherapy for retinoblastoma. Pediatric Blood and Cancer, 2004, 43, 134-139.	1.5	56
130	An intravital microscopy study of radiation-induced changes in permeability and leukocyteâ€“endothelial cell interactions in the microvessels of the rat pia mater and cremaster muscle. Brain Research Protocols, 2004, 13, 1-10.	1.6	56
131	Sequencing of Local Therapy Affects the Pattern of Treatment Failure and Survival in Children With Atypical Teratoid Rhabdoid Tumors of the Central Nervous System. International Journal of Radiation Oncology Biology Physics, 2012, 82, 1756-1763.	0.8	56
132	Treatmentâ€induced hearing loss and adult social outcomes in survivors of childhood CNS and nonâ€CNS solid tumors: Results from the St. Jude Lifetime Cohort Study. Cancer, 2015, 121, 4053-4061.	4.1	56
133	Post-operative radiation improves survival in children younger than 3 years with intracranial ependymoma. Journal of Neuro-Oncology, 2011, 105, 583-590.	2.9	54
134	Hypothalamic-Pituitary Disorders in Childhood Cancer Survivors: Prevalence, Risk Factors and Long-Term Health Outcomes. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 6101-6115.	3.6	54
135	Brachytherapy for pediatric soft-tissue sarcoma. International Journal of Radiation Oncology Biology Physics, 2000, 46, 427-432.	0.8	53
136	Radiation-Induced Up-regulation of Adhesion Molecules in Brain Microvasculature and their Modulation by Dexamethasone. Radiation Research, 2005, 163, 544-551.	1.5	53
137	Working Memory Performance among Childhood Brain Tumor Survivors. Journal of the International Neuropsychological Society, 2012, 18, 996-1005.	1.8	53
138	Effect of Cerebellum Radiation Dosimetry on Cognitive Outcomes in Children With Infratentorial Ependymoma. International Journal of Radiation Oncology Biology Physics, 2014, 90, 547-553.	0.8	53
139	Radiation Therapy for Optic Pathway and Hypothalamic Low-Grade Gliomas in Children. International Journal of Radiation Oncology Biology Physics, 2017, 99, 642-651.	0.8	53
140	Dosimetric effect of target expansion and setup uncertainty during radiation therapy in pediatric craniopharyngioma. Radiotherapy and Oncology, 2010, 97, 399-403.	0.6	51
141	Current Clinical Challenges in Childhood Ependymoma: A Focused Review. Journal of Clinical Oncology, 2017, 35, 2364-2369.	1.6	51
142	Malignant Evolution of Choroid Plexus Papilloma. Pediatric Neurosurgery, 1999, 31, 127-130.	0.7	50
143	Attainment of Functional and Social Independence in Adult Survivors of Pediatric CNS Tumors: A Report From the St Jude Lifetime Cohort Study. Journal of Clinical Oncology, 2018, 36, 2762-2769.	1.6	50
144	Evolution of neurological impairment in pediatric infratentorial ependymoma patients. Journal of Neuro-Oncology, 2009, 94, 391-398.	2.9	49

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145	Excessive daytime sleepiness and sleepâ€disordered breathing disturbances in survivors of childhood central nervous system tumors. Pediatric Blood and Cancer, 2012, 58, 746-751.	1.5	49
146	Longitudinal Investigation of Adaptive Functioning Following Conformal Irradiation for Pediatric Craniopharyngioma and Low-Grade Glioma. International Journal of Radiation Oncology Biology Physics, 2013, 85, 1301-1306.	0.8	49
147	Effect of therapeutic ionizing radiation on the human brain. Annals of Neurology, 2001, 50, 787-795.	5.3	46
148	Natural history of thyroid nodules in survivors of pediatric Hodgkin lymphoma. Pediatric Blood and Cancer, 2006, 46, 314-319.	1.5	46
149	Consensus Report From the Stockholm Pediatric Proton Therapy Conference. International Journal of Radiation Oncology Biology Physics, 2016, 96, 387-392.	0.8	46
150	Association between hippocampal dose and memory in survivors of childhood or adolescent low-grade glioma: a 10-year neurocognitive longitudinal study. Neuro-Oncology, 2019, 21, 1175-1183.	1.2	46
151	Ultra high-risk PFA ependymoma is characterized by loss of chromosome 6q. Neuro-Oncology, 2021, 23, 1360-1370.	1.2	46
152	Survival and Late Mortality in Long-Term Survivors of Pediatric CNS Tumors. Journal of Clinical Oncology, 2007, 25, 1532-1538.	1.6	45
153	Central precocious puberty following the diagnosis and treatment of paediatric cancer and central nervous system tumours: presentation and longâ€term outcomes. Clinical Endocrinology, 2016, 84, 361-371.	2.4	45
154	Patient-derived orthotopic xenografts of pediatric brain tumors: a St. Jude resource. Acta Neuropathologica, 2020, 140, 209-225.	7.7	45
155	A phase III trial comparing an anionic phospholipid-based cream and aloe vera-based gel in the prevention of radiation dermatitis in pediatric patients. Radiation Oncology, 2007, 2, 45.	2.7	44
156	Subsequent neoplasms in survivors of childhood central nervous system tumors: risk after modern multimodal therapy. Neuro-Oncology, 2015, 17, 448-456.	1.2	44
157	Clinical and molecular heterogeneity of pineal parenchymal tumors: a consensus study. Acta Neuropathologica, 2021, 141, 771-785.	7.7	44
158	High-dose rate intraoperative radiation therapy for pediatric solid tumors. , 1998, 30, 34-39.		42
159	Conformal Radiation Therapy for Pediatric Patients with Low-Grade Glioma: Results from the Children's Oncology Group PhaseÂ2 Study ACNS0221. International Journal of Radiation Oncology Biology Physics, 2019, 103, 861-868.	0.8	42
160	Hypothalamic syndrome. Nature Reviews Disease Primers, 2022, 8, 24.	30.5	42
161	Sarcoidosis Following Chemotherapy for Hodgkin's Disease. Leukemia and Lymphoma, 1994, 13, 339-347.	1.3	41
162	Preliminary results of conformal radiation therapy for medulloblastoma. Neuro-Oncology, 1999, 1, 177-187.	1.2	41

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