

# Thomas E Merchant Do

## List of Publications by Year in descending order

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Version: 2024-02-01

421  
papers

24,088  
citations

5574

82  
h-index

11308

136  
g-index

428  
all docs

428  
docs citations

428  
times ranked

14744  
citing authors

#	ARTICLE	IF	CITATIONS
1	Facilitating MR-Guided Adaptive Proton Therapy in Children Using Deep Learning-Based Synthetic CT. <i>International Journal of Particle Therapy</i> , 2022, 8, 11-20.	1.8	6
2	A Latent Profile Analysis of Sleep, Anxiety, and Mood in Youth with Craniopharyngioma. <i>Behavioral Sleep Medicine</i> , 2022, 20, 762-773.	2.1	5
3	Association Between Brain Substructure Dose and Cognitive Outcomes in Children With Medulloblastoma Treated on SJMB03: A Step Toward Substructure-Informed Planning. <i>Journal of Clinical Oncology</i> , 2022, 40, 83-95.	1.6	15
4	Radiotherapy alone for pediatric patients with craniopharyngioma. <i>Journal of Neuro-Oncology</i> , 2022, 156, 195-204.	2.9	11
5	Normal tissue complication probability modeling to guide individual treatment planning in pediatric cranial proton and photon radiotherapy. <i>Medical Physics</i> , 2022, 49, 742-755.	3.0	3
6	Pre- and Posttherapy Risk Factors for Vasculopathy in Pediatric Patients With Craniopharyngioma Treated With Surgery and Proton Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 113, 152-160.	0.8	6
7	Toward MR-only proton therapy planning for pediatric brain tumors: Synthesis of relative proton stopping power images with multiple sequence MRI and development of an online quality assurance tool. <i>Medical Physics</i> , 2022, 49, 1559-1570.	3.0	6
8	Pretreatment Normal WM Magnetization Transfer Ratio Predicts Risk of Radiation Necrosis in Patients with Medulloblastoma. <i>American Journal of Neuroradiology</i> , 2022, 43, 299-303.	2.4	1
9	Risk factors associated with metastatic site failure in patients with high-risk neuroblastoma. <i>Clinical and Translational Radiation Oncology</i> , 2022, 34, 42-50.	1.7	2
10	Suboccipital Microsurgical Resection of Pediatric Ependymoma in the Foramen of Luschka: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2022, 22, e51-e51.	0.8	0
11	Revised clinical and molecular risk strata define the incidence and pattern of failure in medulloblastoma following risk-adapted radiotherapy and dose-intensive chemotherapy: results from a phase III multi-institutional study. <i>Neuro-Oncology</i> , 2022, 24, 1166-1175.	1.2	2
12	Health-related quality of life, obesity, fragmented sleep, fatigue, and psychosocial problems among youth with craniopharyngioma. <i>Psycho-Oncology</i> , 2022, 31, 779-787.	2.3	8
13	Hypothalamic syndrome. <i>Nature Reviews Disease Primers</i> , 2022, 8, 24.	30.5	42
14	Lifetime attributable risk of radiation induced second primary cancer from scattering and scanning proton therapy – A model for out-of-field organs of paediatric patients with cranial cancer. <i>Radiotherapy and Oncology</i> , 2022, 172, 65-75.	0.6	2
15	Endocrine outcomes after limited surgery and conformal photon radiation therapy for pediatric craniopharyngioma: Long-term results from the RT1 protocol. <i>Neuro-Oncology</i> , 2022, 24, 2210-2220.	1.2	7
16	Accuracy of stopping power ratio calculation and experimental validation of proton range with dual-layer computed tomography. <i>Acta Oncologica</i> , 2022, 61, 864-868.	1.8	0
17	Limited surgery and conformal photon radiation therapy for pediatric craniopharyngioma: long-term results from the RT1 protocol. <i>Neuro-Oncology</i> , 2022, 24, 2200-2209.	1.2	13
18	Image-based data mining applies to data collected from children. <i>Physica Medica</i> , 2022, 99, 31-43.	0.7	4

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19	0638 Circadian rhythms among youth with craniopharyngioma. <i>Sleep</i> , 2022, 45, A280-A281.	1.1	0
20	QOL-17. Neurocognitive outcomes after treatment for medulloblastoma with reduced primary site target volume margins. <i>Neuro-Oncology</i> , 2022, 24, i137-i137.	1.2	0
21	ATRT-22. Outcomes for children with recurrent atypical teratoid rhabdoid tumor: A single institution study with updated molecular and germline analysis. <i>Neuro-Oncology</i> , 2022, 24, i8-i8.	1.2	1
22	Bone mineral density (BMD) deficits in adult survivors of childhood cancer: Attributable risks and long-term consequences. <i>Journal of Clinical Oncology</i> , 2022, 40, e22021-e22021.	1.6	0
23	Intensive Multimodality Therapy for Extraocular Retinoblastoma: A Children's Oncology Group Trial (ARET0321). <i>Journal of Clinical Oncology</i> , 2022, 40, 3839-3847.	1.6	11
24	Feasibility of using post-contrast dual-energy CT for pediatric radiation treatment planning and dose calculation. <i>British Journal of Radiology</i> , 2021, 94, 20200170.	2.2	8
25	Creation of a successful multidisciplinary course in pediatric neurooncology with a systematic approach to curriculum development. <i>Cancer</i> , 2021, 127, 1126-1133.	4.1	6
26	Adaptive Proton Therapy for Pediatric Patients: Improving the Quality of the Delivered Plan With On-Treatment MRI. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 109, 242-251.	0.8	13
27	Outcome and molecular analysis of young children with choroid plexus carcinoma treated with non-myeloablative therapy: results from the SJYC07 trial. <i>Neuro-Oncology Advances</i> , 2021, 3, vdaa168.	0.7	6
28	Diffusion Tensor Imaging-Based Analysis of Baseline Neurocognitive Function and Posttreatment White Matter Changes in Pediatric Patients With Craniopharyngioma Treated With Surgery and Proton Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 109, 515-526.	0.8	7
29	Clinical and molecular heterogeneity of pineal parenchymal tumors: a consensus study. <i>Acta Neuropathologica</i> , 2021, 141, 771-785.	7.7	44
30	The impact of socioeconomic status (SES) on cognitive outcomes following radiotherapy for pediatric brain tumors: a prospective, longitudinal trial. <i>Neuro-Oncology</i> , 2021, 23, 1173-1182.	1.2	30
31	Ultra high-risk PFA ependymoma is characterized by loss of chromosome 6q. <i>Neuro-Oncology</i> , 2021, 23, 1360-1370.	1.2	46
32	Clinical Outcomes and Patient-Matched Molecular Composition of Relapsed Medulloblastoma. <i>Journal of Clinical Oncology</i> , 2021, 39, 807-821.	1.6	40
33	Do Anxiety and Mood Vary among Disparate Sleep Profiles in Youth with Craniopharyngioma? A Latent Profile Analysis. <i>Behavioral Sleep Medicine</i> , 2021, , 1-12.	2.1	1
34	Outcomes by Clinical and Molecular Features in Children With Medulloblastoma Treated With Risk-Adapted Therapy: Results of an International Phase III Trial (SJMB03). <i>Journal of Clinical Oncology</i> , 2021, 39, 822-835.	1.6	106
35	Social and Emotional Functioning in Preschool-Aged Children With Cancer: Comparisons Between Children With Brain and Non-CNS Solid Tumors. <i>Journal of Pediatric Psychology</i> , 2021, 46, 790-800.	2.1	7
36	Relevance of Molecular Groups in Children with Newly Diagnosed Atypical Teratoid Rhabdoid Tumor: Results from Prospective St. Jude Multi-institutional Trials. <i>Clinical Cancer Research</i> , 2021, 27, 2879-2889.	7.0	35

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37	Impact of sleep, neuroendocrine, and executive function on health-related quality of life in young people with craniopharyngioma. <i>Developmental Medicine and Child Neurology</i> , 2021, 63, 984-990.	2.1	9
38	Proton therapy delivery method affects dose-averaged linear energy transfer in patients. <i>Physics in Medicine and Biology</i> , 2021, 66, 074003.	3.0	3
39	Monte Carlo framework for commissioning a synchrotron-based discrete spot scanning proton beam system and treatment plan verification. <i>Biomedical Physics and Engineering Express</i> , 2021, 7, 045020.	1.2	3
40	Predictors of Cognitive Performance Among Infants Treated for Brain Tumors: Findings From a Multisite, Prospective, Longitudinal Trial. <i>Journal of Clinical Oncology</i> , 2021, 39, 2350-2358.	1.6	9
41	Children's Oncology Group Phase III Trial of Reduced-Dose and Reduced-Volume Radiotherapy With Chemotherapy for Newly Diagnosed Average-Risk Medulloblastoma. <i>Journal of Clinical Oncology</i> , 2021, 39, 2685-2697.	1.6	91
42	Comprehensive molecular characterization of pediatric radiation-induced high-grade glioma. <i>Nature Communications</i> , 2021, 12, 5531.	12.8	31
43	Anatomic Neuroimaging Characteristics of Posterior Fossa Type A Ependymoma Subgroups. <i>American Journal of Neuroradiology</i> , 2021, 42, 2245-2250.	2.4	9
44	Serial assessment of measurable residual disease in medulloblastoma liquid biopsies. <i>Cancer Cell</i> , 2021, 39, 1519-1530.e4.	16.8	64
45	Phase I study using crenolanib to target PDGFR kinase in children and young adults with newly diagnosed DIPG or recurrent high-grade glioma, including DIPG. <i>Neuro-Oncology Advances</i> , 2021, 3, vtab179.	0.7	5
46	Actigraphy versus Polysomnography to Measure Sleep in Youth Treated for Craniopharyngioma. <i>Behavioral Sleep Medicine</i> , 2020, 18, 589-597.	2.1	9
47	Risk-adapted therapy and biological heterogeneity in pineoblastoma: integrated clinico-pathological analysis from the prospective, multi-center SJMB03 and SJYC07 trials. <i>Acta Neuropathologica</i> , 2020, 139, 259-271.	7.7	36
48	Defining Optimal Target Volumes of Conformal Radiation Therapy for Diffuse Intrinsic Pontine Glioma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 106, 838-847.	0.8	7
49	Clinical impact of hypothalamic-pituitary disorders after conformal radiation therapy for pediatric low-grade glioma or ependymoma. <i>Pediatric Blood and Cancer</i> , 2020, 67, e28723.	1.5	14
50	Spinal changes after craniospinal irradiation in pediatric patients. <i>Pediatric Blood and Cancer</i> , 2020, 67, e28728.	1.5	8
51	Practice patterns and recommendations for pediatric image-guided radiotherapy: A Children's Oncology Group report. <i>Pediatric Blood and Cancer</i> , 2020, 67, e28629.	1.5	11
52	Height after photon craniospinal irradiation in pediatric patients treated for central nervous system embryonal tumors. <i>Pediatric Blood and Cancer</i> , 2020, 67, e28617.	1.5	7
53	Influence of Target Location, Size, and Patient Age on Normal Tissue Sparing- Proton and Photon Therapy in Paediatric Brain Tumour Patient-Specific Approach. <i>Cancers</i> , 2020, 12, 2578.	3.7	11
54	Association of Hearing Impairment With Neurocognition in Survivors of Childhood Cancer. <i>JAMA Oncology</i> , 2020, 6, 1363.	7.1	32

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55	cIMPACTâ€NOW update 7: advancing the molecular classification of ependymal tumors. <i>Brain Pathology</i> , 2020, 30, 863-866.	4.1	168
56	Patient-derived orthotopic xenografts of pediatric brain tumors: a St. Jude resource. <i>Acta Neuropathologica</i> , 2020, 140, 209-225.	7.7	45
57	Risk stratification in pediatric low-grade glioma and glioneuronal tumor treated with radiation therapy: an integrated clinicopathologic and molecular analysis. <i>Neuro-Oncology</i> , 2020, 22, 1203-1213.	1.2	12
58	Efficacy and Safety of Limited-Margin Conformal Radiation Therapy for Pediatric Rhabdomyosarcoma: Long-Term Results of a Phase 2 Study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 107, 172-180.	0.8	6
59	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. <i>Journal of Clinical Oncology</i> , 2020, 38, 1175-1185.	1.6	102
60	Preclinical Models of Craniospinal Irradiation for Medulloblastoma. <i>Cancers</i> , 2020, 12, 133.	3.7	4
61	Predictors of narcolepsy and hypersomnia due to medical disorder in pediatric craniopharyngioma. <i>Journal of Neuro-Oncology</i> , 2020, 148, 307-316.	2.9	23
62	Clinical, imaging, and molecular analysis of pediatric pontine tumors lacking characteristic imaging features of DIPG. <i>Acta Neuropathologica Communications</i> , 2020, 8, 57.	5.2	32
63	Peripheral motor and sensory neuropathy in survivors of childhood central nervous system (CNS) tumors in the St. Jude Lifetime (SJLIFE) cohort.. <i>Journal of Clinical Oncology</i> , 2020, 38, 10549-10549.	1.6	0
64	Prediabetes and progression to diabetes among adult survivors of childhood cancer in the St. Jude Lifetime Cohort.. <i>Journal of Clinical Oncology</i> , 2020, 38, 10548-10548.	1.6	0
65	Pediatric Radiotherapy: Background and Current Paradigms. , 2020, , 185-208.		0
66	Pediatric Radiotherapy: Surgical Considerations, Sequelae, and Future Directions. , 2020, , 209-218.		0
67	Radiation dose response of neurologic symptoms during conformal radiotherapy for diffuse intrinsic pontine glioma. <i>Journal of Neuro-Oncology</i> , 2020, 147, 195-203.	2.9	5
68	Evaluation of <sup>11</sup> C-Methionine PET and Anatomic MRI Associations in Diffuse Intrinsic Pontine Glioma. <i>Journal of Nuclear Medicine</i> , 2019, 60, 312-319.	5.0	18
69	Prior non-irradiative focal therapies do not compromise the efficacy of delayed episcleral plaque brachytherapy in retinoblastoma. <i>British Journal of Ophthalmology</i> , 2019, 103, 699-703.	3.9	2
70	Long-term visual acuity outcomes after radiation therapy for sporadic optic pathway glioma. <i>Journal of Neuro-Oncology</i> , 2019, 144, 603-610.	2.9	14
71	Clinical Importance of Free Thyroxine Concentration Decline After Radiotherapy for Pediatric and Adolescent Brain Tumors. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 4998-5007.	3.6	7
72	Social Functioning of Childhood Cancer Survivors after Computerized Cognitive Training: A Randomized Controlled Trial. <i>Children</i> , 2019, 6, 105.	1.5	3

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73	Evaluating pediatric spinal low-grade gliomas: a 30-year retrospective analysis. <i>Journal of Neuro-Oncology</i> , 2019, 145, 519-529.	2.9	11
74	Diagnostic delay in children with central nervous system tumors and the need to improve education. <i>Journal of Neuro-Oncology</i> , 2019, 145, 591-592.	2.9	9
75	Hypothalamic-Pituitary Disorders in Childhood Cancer Survivors: Prevalence, Risk Factors and Long-Term Health Outcomes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 6101-6115.	3.6	54
76	Growth hormone deficiency and neurocognitive function in adult survivors of childhood acute lymphoblastic leukemia. <i>Cancer</i> , 2019, 125, 1748-1755.	4.1	10
77	Preclinical Modeling of Image-Guided Craniospinal Irradiation for Very-High-Risk Medulloblastoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 103, 728-737.	0.8	10
78	0807 Health-Related Quality of Life, Obesity, Disrupted Sleep, and Psychosocial Problems Among Youth With Craniopharyngioma. <i>Sleep</i> , 2019, 42, A324-A324.	1.1	2
79	Assembling the brain trust: the multidisciplinary imperative in neuro-oncology. <i>Nature Reviews Clinical Oncology</i> , 2019, 16, 521-522.	27.6	3
80	0808 Comparison of Actigraphy to Polysomnography in the Measurement of Nocturnal Sleep in Children with Craniopharyngioma. <i>Sleep</i> , 2019, 42, A324-A325.	1.1	0
81	Cognitive Performance, Aerobic Fitness, Motor Proficiency, and Brain Function Among Children Newly Diagnosed With Craniopharyngioma. <i>Journal of the International Neuropsychological Society</i> , 2019, 25, 413-425.	1.8	11
82	Automatic image processing pipeline for tracking longitudinal vessel changes in magnetic resonance angiography. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 50, 1063-1074.	3.4	6
83	Bedside Antisaccades: A Time-Efficient Method to Assess Cognition. <i>Pediatric Neurology</i> , 2019, 97, 74-75.	2.1	0
84	Conformal Radiation Therapy for Pediatric Ependymoma, Chemotherapy for Incompletely Resected Ependymoma, and Observation for Completely Resected, Supratentorial Ependymoma. <i>Journal of Clinical Oncology</i> , 2019, 37, 974-983.	1.6	154
85	Higher Reported Lung Dose Received During Total Body Irradiation for Allogeneic Hematopoietic Stem Cell Transplantation in Children With Acute Lymphoblastic Leukemia Is Associated With Inferior Survival: A Report from the Children's Oncology Group. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 104, 513-521.	0.8	40
86	Association between hippocampal dose and memory in survivors of childhood or adolescent low-grade glioma: a 10-year neurocognitive longitudinal study. <i>Neuro-Oncology</i> , 2019, 21, 1175-1183.	1.2	46
87	Molecular grouping and outcomes of young children with newly diagnosed ependymoma treated on the multi-institutional SJYC07 trial. <i>Neuro-Oncology</i> , 2019, 21, 1319-1330.	1.2	63
88	0817 Predictors of Hypersomnia and Narcolepsy in Pediatric Craniopharyngioma. <i>Sleep</i> , 2019, 42, A327-A328.	1.1	0
89	Craniopharyngioma. <i>Nature Reviews Disease Primers</i> , 2019, 5, 75.	30.5	255
90	Larry Emanuel Kun, March 10, 1946-May 27, 2018. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 103, 8-14.	0.8	0

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91	Computerized assessment of cognitive impairment among children undergoing radiation therapy for medulloblastoma. <i>Journal of Neuro-Oncology</i> , 2019, 141, 403-411.	2.9	21
92	Neuropsychological outcomes of patients with low-grade glioma diagnosed during the first year of life. <i>Journal of Neuro-Oncology</i> , 2019, 141, 413-420.	2.9	16
93	Trajectories of psychosocial and cognitive functioning in pediatric patients with brain tumors treated with radiation therapy. <i>Neuro-Oncology</i> , 2019, 21, 678-685.	1.2	30
94	Supplemental glucocorticoids and anesthesia for noninvasive indications in children with central adrenal insufficiency: A retrospective study. <i>Paediatric Anaesthesia</i> , 2019, 29, 292-294.	1.1	4
95	Conformal Radiation Therapy for Pediatric Patients with Low-Grade Glioma: Results from the Children's Oncology Group Phase II Study ACNS0221. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 103, 861-868.	0.8	42
96	Treatment burden and long-term health deficits of patients with low-grade gliomas or glioneuronal tumors diagnosed during the first year of life. <i>Cancer</i> , 2019, 125, 1163-1175.	4.1	16
97	Disseminability of computerized cognitive training: Performance across coaches. <i>Applied Neuropsychology: Child</i> , 2019, 8, 113-122.	1.4	2
98	Sensitivity and Specificity of the Modified Epworth Sleepiness Scale in Children With Craniopharyngioma. <i>Journal of Clinical Sleep Medicine</i> , 2019, 15, 1487-1493.	2.6	13
99	SAT-457 Hypothalamic-Pituitary Disorders after Conformal Radiation Therapy for Childhood and Young Adult Low-Grade Glioma or Ependymoma. <i>Journal of the Endocrine Society</i> , 2019, 3, .	0.2	2
100	Radiomics Features Differentiate Between Normal and Tumoral High-Fdg Uptake. <i>Scientific Reports</i> , 2018, 8, 3913.	3.3	20
101	Implementation of a simplified analytical random walk model dose calculation algorithm with nuclear interaction for treatment planning of scanning-beam proton therapy. <i>Biomedical Physics and Engineering Express</i> , 2018, 4, 035023.	1.2	2
102	Accuracy of electron density, effective atomic number, and iodine concentration determination with a dual-layer dual-energy computed tomography system. <i>Medical Physics</i> , 2018, 45, 2486-2497.	3.0	91
103	Feasibility study of range-based registration using daily cone beam CT for intensity-modulated proton therapy. <i>Medical Physics</i> , 2018, 45, 1191-1203.	3.0	5
104	Establishing a Preclinical Multidisciplinary Board for Brain Tumors. <i>Clinical Cancer Research</i> , 2018, 24, 1654-1666.	7.0	12
105	Clinical Implementation of Magnetic Resonance Imaging Systems for Simulation and Planning of Pediatric Radiation Therapy. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2018, 49, 153-163.	0.3	6
106	The Children's Oncology Group Radiation Oncology Discipline: 15 Years of Contributions to the Treatment of Childhood Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 101, 860-874.	0.8	34
107	Posttreatment DSC-MRI is Predictive of Early Treatment Failure in Children with Supratentorial High-Grade Glioma Treated with Erlotinib. <i>Clinical Neuroradiology</i> , 2018, 28, 393-400.	1.9	6
108	Outcomes After Reirradiation for Recurrent Pediatric Intracranial Ependymoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 100, 507-515.	0.8	71



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109	Prevalence, risk factors, and response to treatment for hypersomnia of central origin in survivors of childhood brain tumors. <i>Journal of Neuro-Oncology</i> , 2018, 136, 379-384.	2.9	18
110	Attainment of Functional and Social Independence in Adult Survivors of Pediatric CNS Tumors: A Report From the St Jude Lifetime Cohort Study. <i>Journal of Clinical Oncology</i> , 2018, 36, 2762-2769.	1.6	50
111	Dasatinib Plus Intensive Chemotherapy in Children, Adolescents, and Young Adults With Philadelphia Chromosome-Positive Acute Lymphoblastic Leukemia: Results of Children's Oncology Group Trial AALL0622. <i>Journal of Clinical Oncology</i> , 2018, 36, 2306-2314.	1.6	185
112	Childhood Craniopharyngioma. , 2018, , 265-287.		0
113	Managing local-regional failure in children with high-risk neuroblastoma: A single institution experience. <i>Pediatric Blood and Cancer</i> , 2018, 65, e27408.	1.5	5
114	Risk-adapted therapy for young children with medulloblastoma (SJYC07): therapeutic and molecular outcomes from a multicentre, phase 2 trial. <i>Lancet Oncology</i> , The, 2018, 19, 768-784.	10.7	151
115	Predicting parental distress among children newly diagnosed with craniopharyngioma. <i>Pediatric Blood and Cancer</i> , 2018, 65, e27287.	1.5	7
116	Is there a role for salvage re-irradiation in pediatric patients with locoregional recurrent rhabdomyosarcoma? Clinical outcomes from a multi-institutional cohort. <i>Radiotherapy and Oncology</i> , 2018, 129, 513-519.	0.6	10
117	Auditory Outcomes in Patients Who Received Proton Radiotherapy for Craniopharyngioma. <i>American Journal of Audiology</i> , 2018, 27, 306-315.	1.2	4
118	Heterogeneity within the PF-EPN-B ependymoma subgroup. <i>Acta Neuropathologica</i> , 2018, 136, 227-237.	7.7	86
119	Molecular heterogeneity and CXorf67 alterations in posterior fossa group A (PFA) ependymomas. <i>Acta Neuropathologica</i> , 2018, 136, 211-226.	7.7	199
120	Childhood Craniopharyngioma. <i>Pediatric Oncology</i> , 2018, , 277-299.	0.5	1
121	Outcomes for young children with molecularly defined ependymoma treated on the multi-institutional SJYC07 clinical trial.. <i>Journal of Clinical Oncology</i> , 2018, 36, 10548-10548.	1.6	1
122	Ependymoma. , 2018, , 165-187.		0
123	Childhood Ependymoma. <i>Pediatric Oncology</i> , 2018, , 257-275.	0.5	0
124	Comprehensive molecular characterization of pediatric treatment-induced glioblastoma: Germline DNA repair defects as a potential etiology.. <i>Journal of Clinical Oncology</i> , 2018, 36, 10573-10573.	1.6	1
125	<sup>11</sup> C-Methionine positron emission tomography delineates non-contrast enhancing tumor regions at high risk for recurrence in pediatric high-grade glioma. <i>Journal of Neuro-Oncology</i> , 2017, 132, 163-170.	2.9	19
126	New outlook on the diagnosis, treatment and follow-up of childhood-onset craniopharyngioma. <i>Nature Reviews Endocrinology</i> , 2017, 13, 299-312.	9.6	105



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127	Prognostic Relevance of Treatment Failure Patterns in Pediatric High-Grade Glioma: Is There a Role for a Revised Failure Classification System?. International Journal of Radiation Oncology Biology Physics, 2017, 99, 450-458.	0.8	8
128	Neurocognitive functioning in pediatric craniopharyngioma: performance before treatment with proton therapy. Journal of Neuro-Oncology, 2017, 134, 97-105.	2.9	35
129	Quantification of Pediatric Abdominal Organ Motion With a 4-Dimensional Magnetic Resonance Imaging Method. International Journal of Radiation Oncology Biology Physics, 2017, 99, 227-237.	0.8	24
130	Craniospinal irradiation for treatment of metastatic pediatric low-grade glioma. Journal of Neuro-Oncology, 2017, 134, 317-324.	2.9	14
131	A robotic C-arm cone beam CT system for image-guided proton therapy: design and performance. British Journal of Radiology, 2017, 90, 20170266.	2.2	34
132	Treatment-Related Noncontiguous Radiologic Changes in Children With Diffuse Intrinsic Pontine Glioma Treated With Expanded Irradiation Fields and Antiangiogenic Therapy. International Journal of Radiation Oncology Biology Physics, 2017, 99, 1295-1305.	0.8	3
133	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
134	Quantifying potential reduction in contrast dose with monoenergetic images synthesized from dual-layer detector spectral CT. British Journal of Radiology, 2017, 90, 20170290.	2.2	28
135	Pseudoprogession in pediatric low-grade glioma after irradiation. Journal of Neuro-Oncology, 2017, 135, 371-379.	2.9	19
136	The current consensus on the clinical management of intracranial ependymoma and its distinct molecular variants. Acta Neuropathologica, 2017, 133, 5-12.	7.7	271
137	Current Clinical Challenges in Childhood Ependymoma: A Focused Review. Journal of Clinical Oncology, 2017, 35, 2364-2369.	1.6	51
138	Intensive multi-modality therapy for extra-ocular retinoblastoma (RB): A Children's Oncology Group (COG) trial (ARET0321).. Journal of Clinical Oncology, 2017, 35, 10506-10506.	1.6	20
139	Pediatric Radiotherapy: Surgical Considerations, Sequelae, and Future Directions. , 2017, , 1-14.		0
140	Pediatric Radiotherapy: Background and Current Paradigms. , 2017, , 1-31.		0
141	Long-term outcomes after irradiation (RT) for pediatric low-grade glioma.. Journal of Clinical Oncology, 2017, 35, 10549-10549.	1.6	0
142	Risk factors associated with metastatic site failure in patients with high-risk neuroblastoma.. Journal of Clinical Oncology, 2017, 35, 10557-10557.	1.6	0
143	Central precocious puberty following the diagnosis and treatment of paediatric cancer and central nervous system tumours: presentation and long-term outcomes. Clinical Endocrinology, 2016, 84, 361-371.	2.4	45
144	A correction scheme for a simplified analytical random walk model algorithm of proton dose calculation in distal Bragg peak regions. Physics in Medicine and Biology, 2016, 61, 7397-7411.	3.0	1

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145	Investigating the Role of Hypothalamic Tumor Involvement in Sleep and Cognitive Outcomes Among Children Treated for Craniopharyngioma. <i>Journal of Pediatric Psychology</i> , 2016, 41, 610-622.	2.1	28
146	Quantitative imaging analysis of posterior fossa ependymoma location in children. <i>Child's Nervous System</i> , 2016, 32, 1441-1447.	1.1	20
147	Executive dysfunction is associated with poorer health-related quality of life in pediatric brain tumor survivors. <i>Journal of Neuro-Oncology</i> , 2016, 128, 313-321.	2.9	39
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