

Christopher L Tinkle

List of Publications by Year in descending order

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Version: 2024-02-01

99
papers

2,358
citations

471061

17
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214527

47
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101
all docs

101
docs citations

101
times ranked

3684
citing authors

#	ARTICLE	IF	CITATIONS
1	Accuracy of central neuro-imaging review of DIPG compared with histopathology in the International DIPG Registry. <i>Neuro-Oncology</i> , 2022, 24, 821-833.	0.6	9
2	Population pharmacokinetics of crenolanib in children and young adults with brain tumors. <i>Cancer Chemotherapy and Pharmacology</i> , 2022, 89, 459-468.	1.1	0
3	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.	0.6	2
4	Convergent evolution and multi-wave clonal invasion in H3 K27-altered diffuse midline gliomas treated with a PDGFR inhibitor. <i>Acta Neuropathologica Communications</i> , 2022, 10, .	2.4	3
5	MEDB-42. Germline <i>Elp1</i> deficiency promotes genomic instability and survival of granule neuron progenitors primed for SHH medulloblastoma pathogenesis. <i>Neuro-Oncology</i> , 2022, 24, i115-i115.	0.6	0
6	IMG-08. Response assessment for pediatric craniopharyngioma: recommendations from the Response Assessment in Pediatric Neuro-Oncology (RAPNO) working group. <i>Neuro-Oncology</i> , 2022, 24, i78-i78.	0.6	0
7	A pilot induction regimen incorporating dinutuximab and sargramostim for the treatment of newly diagnosed high-risk neuroblastoma: A report from the Children's Oncology Group.. <i>Journal of Clinical Oncology</i> , 2022, 40, 10003-10003.	0.8	6
8	Risk-adapted local therapy and intensive chemotherapy in patients with high-risk rhabdomyosarcoma.. <i>Journal of Clinical Oncology</i> , 2022, 40, 10031-10031.	0.8	0
9	Stereotactic Body Radiation Therapy for Metastatic and Recurrent Solid Tumors in Children and Young Adults. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 109, 1396-1405.	0.4	12
10	NTRK Fusions Can Co-Occur With H3K27M Mutations and May Define Druggable Subclones Within Diffuse Midline Gliomas. <i>Journal of Neuropathology and Experimental Neurology</i> , 2021, 80, 345-353.	0.9	5
11	Late effects of radiation therapy in pediatric patients and survivorship. <i>Pediatric Blood and Cancer</i> , 2021, 68, e28349.	0.8	31
12	Model-based evaluation of image-guided fractionated whole-brain radiation therapy in pediatric diffuse intrinsic pontine glioma xenografts. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2021, 10, 599-610.	1.3	3
13	Multi-institutional analysis of treatment modalities in basal ganglia and thalamic germinoma. <i>Pediatric Blood and Cancer</i> , 2021, 68, e29172.	0.8	3
14	Patient-derived models recapitulate heterogeneity of molecular signatures and drug response in pediatric high-grade glioma. <i>Nature Communications</i> , 2021, 12, 4089.	5.8	27
15	Abstract 3047: Spatial heterogeneity in diffuse intrinsic pontine gliomas treated with a PDGFR inhibitor. , 2021, , .		1
16	Abstract 237: Inferring spatial organization of tumor microenvironment from single-cell RNA sequencing data using graph embedding. , 2021, , .		0
17	SLFN11 is Widely Expressed in Pediatric Sarcoma and Induces Variable Sensitization to Replicative Stress Caused By DNA-Damaging Agents. <i>Molecular Cancer Therapeutics</i> , 2021, 20, 2151-2165.	1.9	6
18	Using response surface models to analyze drug combinations. <i>Drug Discovery Today</i> , 2021, 26, 2014-2024.	3.2	4

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19	Data vignettes for the application of response surface models in drug combination analysis. Data in Brief, 2021, 38, 107400.	0.5	0
20	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. Neuro-Oncology Advances, 2021, 3, vdab179.	0.4	5
21	An LC/ESI-MS/MS method to quantify the PI3K inhibitor GDC0084 in human plasma and cerebrospinal fluid: Validation and clinical application. Biomedical Chromatography, 2020, 34, e4697.	0.8	1
22	Defining Optimal Target Volumes of Conformal Radiation Therapy for Diffuse Intrinsic Pontine Glioma. International Journal of Radiation Oncology Biology Physics, 2020, 106, 838-847.	0.4	7
23	Assessment and Treatment Outcomes of Persistent Radiation-Induced Alopecia in Patients With Cancer. JAMA Dermatology, 2020, 156, 963.	2.0	20
24	Efficacy and Safety of Limited-Margin Conformal Radiation Therapy for Pediatric Rhabdomyosarcoma: Long-Term Results of a Phase 2 Study. International Journal of Radiation Oncology Biology Physics, 2020, 107, 172-180.	0.4	6
25	Preclinical Models of Craniospinal Irradiation for Medulloblastoma. Cancers, 2020, 12, 133.	1.7	4
26	Clinical, imaging, and molecular analysis of pediatric pontine tumors lacking characteristic imaging features of DIPG. Acta Neuropathologica Communications, 2020, 8, 57.	2.4	32
27	MRI Patterns of Extrapontine Lesion Extension in Diffuse Intrinsic Pontine Gliomas. American Journal of Neuroradiology, 2020, 41, 323-330.	1.2	11
28	Safety and efficacy of brainstem biopsy in children and young adults. Journal of Neurosurgery: Pediatrics, 2020, 26, 552-562.	0.8	16
29	Abstract 6144: St. Jude Pediatric Brain Tumor Portal: Cloud-based resource for patient-derived orthotopic xenograft (PDOX) models of pediatric high-grade glioma, ependymoma, and CNS embryonal tumors. Cancer Research, 2020, 80, 6144-6144.	0.4	1
30	IMG-20. RADIOMIC FEATURES IMPROVE PROGNOSTICATION OVER CONVENTIONAL MR DERIVED QUALITATIVE DESCRIPTORS IN PEDIATRIC SUPRATENTORIAL HIGH GRADE GLIOMA: COMPARISON OF MACHINE LEARNING TECHNIQUES. Neuro-Oncology, 2020, 22, iii359-iii359.	0.6	0
31	DIPG-74. RE-IRRADIATION OF DIPG: DATA FROM THE INTERNATIONAL DIPG REGISTRY. Neuro-Oncology, 2020, 22, iii301-iii302.	0.6	0
32	DIPG-55. PATTERNS OF CEREBROSPINAL FLUID DIVERSION AND SURVIVAL IN CHILDREN WITH DIFFUSE INTRINSIC PONTINE GLIOMA: A REPORT FROM THE INTERNATIONAL DIPG REGISTRY. Neuro-Oncology, 2020, 22, iii297-iii298.	0.6	0
33	DIPG-46. NON-DIPG PATIENTS ENROLLED IN THE INTERNATIONAL DIPG REGISTRY: HISTOPATHOLOGIC EVALUATION OF CENTRAL NEURO-IMAGING REVIEW. Neuro-Oncology, 2020, 22, iii295-iii296.	0.6	0
34	EPEN-50. THE MANAGEMENT AND TREATMENT OF PEDIATRIC SPINAL CORD EPENDYMOMA: RESULTS FROM A COLLABORATIVE INTERNATIONAL MULTI-INSTITUTIONAL REVIEW. Neuro-Oncology, 2020, 22, iii317-iii318.	0.6	0
35	Pediatric Radiotherapy: Background and Current Paradigms. , 2020, , 185-208.		0
36	Pediatric Radiotherapy: Surgical Considerations, Sequelae, and Future Directions. , 2020, , 209-218.		0

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37	Radiation dose response of neurologic symptoms during conformal radiotherapy for diffuse intrinsic pontine glioma. <i>Journal of Neuro-Oncology</i> , 2020, 147, 195-203.	1.4	5
38	NIMG-31. NON-DIPG PATIENTS ENROLLED IN THE INTERNATIONAL DIPG REGISTRY: HISTOPATHOLOGIC EVALUATION OF CENTRAL NEURO-IMAGING REVIEW. <i>Neuro-Oncology</i> , 2020, 22, ii154-ii154.	0.6	0
39	NIMG-51. CONVENTIONAL MRI RADIOMIC FEATURES IMPROVE PROGNOSTICATION AND ARE PREDICTIVE OF H3 K27M STATUS IN DIPG. <i>Neuro-Oncology</i> , 2020, 22, ii159-ii159.	0.6	1
40	CTNI-27. FIRST-IN-PEDIATRICS PHASE I STUDY OF GDC-0084 (PAXALISIB), A CNS-PENETRANT PI3K/mTOR INHIBITOR, IN NEWLY DIAGNOSED DIFFUSE INTRINSIC PONTINE GLIOMA (DIPG) OR OTHER DIFFUSE MIDLINE GLIOMA (DMG). <i>Neuro-Oncology</i> , 2020, 22, ii48-ii48.	0.6	4
41	Evaluation of ¹¹ C-Methionine PET and Anatomic MRI Associations in Diffuse Intrinsic Pontine Glioma. <i>Journal of Nuclear Medicine</i> , 2019, 60, 312-319.	2.8	18
42	Three discipline collaborative radiation therapy (3DCRT) special debate: The United States needs at least one carbon ion facility. <i>Journal of Applied Clinical Medical Physics</i> , 2019, 20, 6-13.	0.8	5
43	A single-center study of the clinicopathologic correlates of gliomas with a MYB or MYBL1 alteration. <i>Acta Neuropathologica</i> , 2019, 138, 1091-1092.	3.9	45
44	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.	0.4	10
45	DIPG-28. NTRK FUSIONS IN PEDIATRIC DIFFUSE INTRINSIC PONTINE GLIOMAS. <i>Neuro-Oncology</i> , 2019, 21, ii74-ii75.	0.6	0
46	DIPG-05. A RATIONAL COMBINATION STRATEGY TARGETING ATM KINASE IN PEDIATRIC HIGH-GRADE GLIOMA. <i>Neuro-Oncology</i> , 2019, 21, ii69-ii69.	0.6	0
47	Curative-intent radiotherapy for pediatric osteosarcoma: The St. Jude experience. <i>Pediatric Blood and Cancer</i> , 2019, 66, e27763.	0.8	17
48	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.	0.6	46
49	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.	0.6	63
50	Treatment patterns and disease outcomes for pediatric patients with refractory or recurrent Hodgkin lymphoma treated with curative-intent salvage radiotherapy. <i>Radiotherapy and Oncology</i> , 2019, 134, 89-95.	0.3	2
51	Histone H3.3 K27M Accelerates Spontaneous Brainstem Glioma and Drives Restricted Changes in Bivalent Gene Expression. <i>Cancer Cell</i> , 2019, 35, 140-155.e7.	7.7	194
52	Radiomics Features Differentiate Between Normal and Tumoral High-Fdg Uptake. <i>Scientific Reports</i> , 2018, 8, 3913.	1.6	20
53	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.	0.2	6
54	Late Infection-Related Mortality in Asplenic Survivors of Childhood Cancer: A Report From the Childhood Cancer Survivor Study. <i>Journal of Clinical Oncology</i> , 2018, 36, 1571-1578.	0.8	28

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55	MBCL-41. TREATMENT FAILURE PATTERNS ACROSS MEDULLOBLASTOMA SUBGROUPS WITHIN A PROSPECTIVE PHASE II CLINICAL TRIAL OF RISK-ADAPTED, VOLUME-REDUCED RADIATION THERAPY AND DOSE-INTENSE CHEMOTHERAPY WITH STEM CELL SUPPORT. <i>Neuro-Oncology</i> , 2018, 20, i126-i126.	0.6	0
56	Long-Term Risk of Venous Thromboembolism in Survivors of Childhood Cancer: A Report From the Childhood Cancer Survivor Study. <i>Journal of Clinical Oncology</i> , 2018, 36, 3144-3151.	0.8	11
57	DIPG-45. RADIATION DOSE RESPONSE OF NEUROLOGIC SYMPTOM IMPROVEMENT DURING RADIOTHERAPY FOR DIFFUSE INTRINSIC PONTINE GLIOMA. <i>Neuro-Oncology</i> , 2018, 20, i58-i58.	0.6	0
58	HGG-35. COMBINATIONS OF QUANTITATIVE AND QUALITATIVE MRI FEATURES IDENTIFY PROGNOSTIC AND MOLECULAR SUBGROUPS OF SUPRATENTORIAL PEDIATRIC HIGH-GRADE GLIOMA. <i>Neuro-Oncology</i> , 2018, 20, i96-i96.	0.6	1
59	PATH-19. CLINICOPATHOLOGIC FEATURES AND OUTCOMES OF HISTOLOGICALLY CONFIRMED ATYPICAL DIFFUSE INTRINSIC PONTINE GLIOMA. <i>Neuro-Oncology</i> , 2018, 20, vi162-vi162.	0.6	0
60	The Non-rhabdomyosarcoma Soft Tissue Sarcomas, Desmoid Tumor and Osteosarcoma. <i>Pediatric Oncology</i> , 2018, , 45-85.	0.5	1
61	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.	0.8	1
62	Abstract B36: A biomarker-guided approach to combining PARP inhibitors with radiotherapy in pediatric sarcomas. , 2018, , .		0
63	Atypical Teratoid/Rhabdoid Tumor (AT/RT). <i>Pediatric Oncology</i> , 2018, , 221-242.	0.5	1
64	Rapid and fulminant leptomeningeal spread following radiotherapy in diffuse intrinsic pontine glioma. <i>Pediatric Blood and Cancer</i> , 2017, 64, e26416.	0.8	11
65	Prognostic Relevance of Treatment Failure Patterns in Pediatric High-Grade Glioma: Is There a Role for a Revised Failure Classification System?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, 450-458.	0.4	8
66	Quantification of Pediatric Abdominal Organ Motion With a 4-Dimensional Magnetic Resonance Imaging Method. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, 227-237.	0.4	24
67	Craniospinal irradiation for treatment of metastatic pediatric low-grade glioma. <i>Journal of Neuro-Oncology</i> , 2017, 134, 317-324.	1.4	14
68	Late toxicity and outcomes following radiation therapy for chest wall sarcomas in pediatric patients. <i>Practical Radiation Oncology</i> , 2017, 7, 411-417.	1.1	17
69	Incidence and Kinetics of Neurologic Symptoms During Radiation Therapy for Diffuse Intrinsic Pontine Glioma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, E565.	0.4	0
70	Prognostic Relevance of Treatment Failure Patterns in Pediatric High Grade Glioma: Is There a Role for a Revised Failure Classification System?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, E566.	0.4	0
71	Neurocognitive Outcomes and Dosimetric Correlates in Central Nervous System Germ Cell Tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, E572.	0.4	0
72	Treatment Patterns and Disease Outcomes of Patients With Progressive or Relapsed Hodgkin Lymphoma Subsequently Treated with Curative-Intent Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, E573.	0.4	0

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73	Preclinical Modeling of Clinically Relevant Radiation Therapy for Treatment of High-Risk Medulloblastoma. International Journal of Radiation Oncology Biology Physics, 2017, 99, S147.	0.4	0
74	A Novel Methodology for Anatomically and Biologically Determined Clinical Target Volume Margin Estimation in Pediatric High Grade Glioma. International Journal of Radiation Oncology Biology Physics, 2017, 99, S175-S176.	0.4	1
75	Stereotactic Body Radiotherapy for Metastatic and Recurrent Lesions in Pediatric Patients. International Journal of Radiation Oncology Biology Physics, 2017, 99, E572.	0.4	3
76	Nonrhabdomyosarcoma soft tissue sarcoma <scp>(NRSTS)</scp> in pediatric and young adult patients: Results from a prospective study using limitedâ€margin radiotherapy. Cancer, 2017, 123, 4419-4429.	2.0	15
77	MEDU-32. ADVANCING PRECLINICAL MODELING OF HIGH RISK MEDULLOBLASTOMA BY PERFORMING CLINICALLY-RELEVANT RADIOTHERAPY ON PATIENT-DERIVED XENOGRAFTS. Neuro-Oncology, 2017, 19, iv44-iv44.	0.6	0
78	Infection related late mortality in survivors of childhood cancer with asplenia or radiation-induced hyposplenism: A report from the Childhood Cancer Survivor Study.. Journal of Clinical Oncology, 2017, 35, 10563-10563.	0.8	1
79	PARP inhibitor combination therapy in desmoplastic small round cell tumors.. Journal of Clinical Oncology, 2017, 35, e23212-e23212.	0.8	4
80	Pediatric Radiotherapy: Surgical Considerations, Sequelae, and Future Directions. , 2017, , 1-14.		0
81	Pediatric Radiotherapy: Background and Current Paradigms. , 2017, , 1-31.		0
82	A biomarker-guided approach to combining PARP inhibitors with radiotherapy in pediatric solid tumors.. Journal of Clinical Oncology, 2017, 35, 10556-10556.	0.8	1
83	Long-term incidence of venous thromboembolism (VTE) among survivors of childhood cancer: A report from the Childhood Cancer Survivor Study (CCSS).. Journal of Clinical Oncology, 2017, 35, 10562-10562.	0.8	0
84	A Feasibility Study on Proton Rangeâ€Based Registration for Patient Positioning in Proton Therapy. International Journal of Radiation Oncology Biology Physics, 2016, 96, S170.	0.4	0
85	Non-Rhabdomyosarcoma Soft Tissue Sarcoma in Pediatric and Young Adult Patients: Results From a Prospective Study Using Limited Margin Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2016, 96, S119.	0.4	0
86	The Impact of Targeted Therapy and Immunotherapy on Melanoma Brain Metastases Treated With Stereotactic Radiosurgery. International Journal of Radiation Oncology Biology Physics, 2016, 96, E108.	0.4	0
87	SU-D-207A-06: Pediatric Abdominal Organ Motion Quantified Via a Novel 4D MRI Method. Medical Physics, 2016, 43, 3344-3344.	1.6	0
88	Intraoperative radiotherapy and limb-sparing surgery in the treatment of primary, non-metastatic extremity soft tissue sarcoma. Journal of Radiation Oncology, 2015, 4, 299-307.	0.7	0
89	Intraoperative Radiotherapy in the Management of Locally Recurrent Extremity Soft Tissue Sarcoma. Sarcoma, 2015, 2015, 1-8.	0.7	18
90	Inverse Planned High-Dose-Rate Brachytherapy for Locoregionally Advanced Cervical Cancer: 4-Year Outcomes. International Journal of Radiation Oncology Biology Physics, 2015, 92, 1093-1100.	0.4	33

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91	Comparison of stereotactic body radiotherapy and conventional external beam radiotherapy in renal cell carcinoma.. Journal of Clinical Oncology, 2015, 33, 434-434.	0.8	2
92	Single Institutional Series of Intraoperative Radiation Therapy (IORT) for Primary and Recurrent Retroperitoneal and Pelvic Sarcomas. International Journal of Radiation Oncology Biology Physics, 2014, 90, S760.	0.4	0
93	Intraoperative Radiation Therapy (IORT) in the Management of Recurrent Extremity Soft-Tissue Sarcoma (STS). International Journal of Radiation Oncology Biology Physics, 2014, 90, S763.	0.4	0
94	Oncologic Surgery and Intraoperative Radiation Therapy (IORT) in Management of Unplanned Excision of Extremity Soft-Tissue Sarcoma (STS). International Journal of Radiation Oncology Biology Physics, 2014, 90, S765.	0.4	0
95	Comparison of Stereotactic Body Radiation Therapy and Conventional External Beam Radiation Therapy in Renal Cell Carcinoma. International Journal of Radiation Oncology Biology Physics, 2014, 90, S467.	0.4	0
96	New insights into cadherin function in epidermal sheet formation and maintenance of tissue integrity. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 15405-15410.	3.3	114
97	Conditional targeting of E-cadherin in skin: Insights into hyperproliferative and degenerative responses. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 552-557.	3.3	171
98	MMP-9 Supplied by Bone Marrow-Derived Cells Contributes to Skin Carcinogenesis. Cell, 2000, 103, 481-490.	13.5	1,226
99	A Phase IV Trial of Proton Therapy in Children: The First Report from SJPROTON1. SSRN Electronic Journal, 0, , .	0.4	0