

Derek S Tsang

List of Publications by Year in descending order

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Version: 2024-02-01

85
papers

1,933
citations

331670

21
h-index

289244

40
g-index

88
all docs

88
docs citations

88
times ranked

2579
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated Molecular and Clinical Analysis of 1,000 Pediatric Low-Grade Gliomas. <i>Cancer Cell</i> , 2020, 37, 569-583.e5.	16.8	244
2	DNA methylation profiling to predict recurrence risk in meningioma: development and validation of a nomogram to optimize clinical management. <i>Neuro-Oncology</i> , 2019, 21, 901-910.	1.2	184
3	Superior Intellectual Outcomes After Proton Radiotherapy Compared With Photon Radiotherapy for Pediatric Medulloblastoma. <i>Journal of Clinical Oncology</i> , 2020, 38, 454-461.	1.6	143
4	Advances in multidisciplinary therapy for meningiomas. <i>Neuro-Oncology</i> , 2019, 21, i18-i31.	1.2	102
5	Imaging and diagnostic advances for intracranial meningiomas. <i>Neuro-Oncology</i> , 2019, 21, i44-i61.	1.2	100
6	Molecular and translational advances in meningiomas. <i>Neuro-Oncology</i> , 2019, 21, i4-i17.	1.2	92
7	Outcomes After Reirradiation for Recurrent Pediatric Intracranial Ependymoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 100, 507-515.	0.8	71
8	Outcomes of BRAF V600E Pediatric Gliomas Treated With Targeted BRAF Inhibition. <i>JCO Precision Oncology</i> , 2020, 4, 561-571.	3.0	62
9	Life after surgical resection of a meningioma: a prospective cross-sectional study evaluating health-related quality of life. <i>Neuro-Oncology</i> , 2019, 21, i32-i43.	1.2	56
10	Radiation Therapy for Optic Pathway and Hypothalamic Low-Grade Gliomas in Children. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, 642-651.	0.8	53
11	Genomic predictors of response to PD-1 inhibition in children with germline DNA replication repair deficiency. <i>Nature Medicine</i> , 2022, 28, 125-135.	30.7	53
12	Survival and functional outcomes of molecularly defined childhood posterior fossa ependymoma: Cure at a cost. <i>Cancer</i> , 2019, 125, 1867-1876.	4.1	49
13	Stereoselective Isomerisation of N-allyl Aziridines into Geometrically Stable <i>Z</i> Enamines by Using Rhodium Hydride Catalysis. <i>Chemistry - A European Journal</i> , 2008, 14, 886-894.	3.3	48
14	Increasing Compliance With an Antibiotic Prophylaxis Guideline to Prevent Pediatric Surgical Site Infection. <i>Annals of Surgery</i> , 2015, 262, 403-408.	4.2	40
15	Survival Outcomes in Elderly Patients with Glioblastoma. <i>Clinical Oncology</i> , 2015, 27, 176-183.	1.4	39
16	Photophysical, electrochemical, and crystallographic investigation of conjugated fluoreno azomethines and their precursors. <i>Journal of Materials Chemistry</i> , 2007, 17, 2801-2811.	6.7	34
17	Craniospinal irradiation as part of re-irradiation for children with recurrent intracranial ependymoma. <i>Neuro-Oncology</i> , 2019, 21, 547-557.	1.2	32
18	Late effects of radiation therapy in pediatric patients and survivorship. <i>Pediatric Blood and Cancer</i> , 2021, 68, e28349.	1.5	31

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19	Quantifying potential reduction in contrast dose with monoenergetic images synthesized from dual-layer detector spectral CT. <i>British Journal of Radiology</i> , 2017, 90, 20170290.	2.2	28
20	Re-irradiation for Paediatric Tumours. <i>Clinical Oncology</i> , 2019, 31, 191-198.	1.4	26
21	Demystifying the triplet state and the quenching mechanism of self-assembled fluorenoazomethines. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2007, 192, 122-129.	3.9	22
22	Pseudoprogression in pediatric low-grade glioma after irradiation. <i>Journal of Neuro-Oncology</i> , 2017, 135, 371-379.	2.9	19
23	Hyperbaric Oxygen for Radiation Necrosis of the Brain. <i>Canadian Journal of Neurological Sciences</i> , 2020, 47, 92-99.	0.5	19
24	Re-irradiation for children with recurrent medulloblastoma in Toronto, Canada: a 20-year experience. <i>Journal of Neuro-Oncology</i> , 2019, 145, 107-114.	2.9	18
25	Proton beam therapy for cancer. <i>Cmaj</i> , 2019, 191, E664-E666.	2.0	18
26	Intellectual changes after radiation for children with brain tumors: which brain structures are most important?. <i>Neuro-Oncology</i> , 2021, 23, 487-497.	1.2	16
27	Spectroscopic studies of a fluorescent fluoresceinophane formed via a practical synthetic route. <i>New Journal of Chemistry</i> , 2007, 31, 210-217.	2.8	14
28	Craniospinal irradiation for treatment of metastatic pediatric low-grade glioma. <i>Journal of Neuro-Oncology</i> , 2017, 134, 317-324.	2.9	14
29	Repeat irradiation for children with supratentorial high-grade glioma. <i>Pediatric Blood and Cancer</i> , 2019, 66, e27881.	1.5	14
30	Minimizing General Anesthetic Use in Pediatric Radiation Therapy. <i>Practical Radiation Oncology</i> , 2020, 10, e159-e165.	2.1	14
31	Canadian Pediatric Neuro-Oncology Standards of Practice. <i>Frontiers in Oncology</i> , 2020, 10, 593192.	2.8	13
32	Atypical Teratoid/Rhabdoid Sellar Tumor in an Adult with a Familial History of a Germline SMARCB1 Mutation: Case Report and Review of the Literature. <i>World Neurosurgery</i> , 2019, 127, 336-345.	1.3	12
33	Clinical phenotypes and prognostic features of embryonal tumours with multi-layered rosettes: a Rare Brain Tumor Registry study. <i>The Lancet Child and Adolescent Health</i> , 2021, 5, 800-813.	5.6	12
34	Monte Carlo-driven predictions of neurocognitive and hearing impairments following proton and photon radiotherapy for pediatric brain-tumor patients. <i>Journal of Neuro-Oncology</i> , 2017, 135, 521-528.	2.9	11
35	Meningioma Screening With MRI in Childhood Leukemia Survivors Treated With Cranial Radiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 104, 640-643.	0.8	11
36	Improving the Pediatric Patient Experience During Radiation Therapy-A Children's Oncology Group Study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 109, 505-514.	0.8	11

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37	Hearing Loss After Radiation and Chemotherapy for CNS and Head-and-Neck Tumors in Children. <i>Journal of Clinical Oncology</i> , 2021, 39, 3813-3821.	1.6	11
38	Bone Health Care for Patients With Prostate Cancer Receiving Androgen Deprivation Therapy. <i>Hospital Practice</i> (1995), 2014, 42, 89-102.	1.0	10
39	Clinicopathologic and Treatment Features of Long-Term Surviving Brain Metastasis Patients. <i>Current Oncology</i> , 2021, 28, 549-559.	2.2	10
40	Long-term neurocognitive, psychological, and return to work outcomes in meningioma patients. <i>Supportive Care in Cancer</i> , 2022, 30, 3893-3902.	2.2	10
41	Importance of Cobalt-60 Dose Rate and Biologically Effective Dose on Local Control for Intracranial Meningiomas Treated With Stereotactic Radiosurgery. <i>Neurosurgery</i> , 2022, 90, 140-147.	1.1	10
42	Hospitalizations in elderly glioblastoma patients. <i>Annals of Palliative Medicine</i> , 2017, 6, S161-S169.	1.2	9
43	Bevacizumab for pediatric radiation necrosis. <i>Neuro-Oncology Practice</i> , 2020, 7, 409-414.	1.6	9
44	The Role of Stereotactic Radiosurgery in the Management of Brain Metastases From a Health-Economic Perspective: A Systematic Review. <i>Neurosurgery</i> , 2020, 87, 484-497.	1.1	9
45	A Randomized Controlled Trial of Lorazepam to Reduce Liver Motion in Patients Receiving Upper Abdominal Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 87, 881-887.	0.8	8
46	Healthy Bones Study: can a prescription coupled with education improve bone health for patients receiving androgen deprivation therapy?â€”a before/after study. <i>Supportive Care in Cancer</i> , 2018, 26, 2861-2869.	2.2	8
47	The potential role of MR-guided adaptive radiotherapy in pediatric oncology: Results from a SIOPE-COG survey. <i>Clinical and Translational Radiation Oncology</i> , 2021, 29, 71-78.	1.7	8
48	Radiation Dose Rate, Biologically Effective Dose, and Tumor Characteristics on Local Control and Toxicity After Radiosurgery for Acoustic Neuromas. <i>World Neurosurgery</i> , 2021, 152, e512-e522.	1.3	8
49	Treatment and Outcomes for Primary Cutaneous Extramedullary Plasmacytoma: A Case Series. <i>Current Oncology</i> , 2016, 23, 630-646.	2.2	7
50	Redefining Ventricular Target Volume in Germinoma: Is Inclusion of Temporal Horns Necessary?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 104, 852-858.	0.8	7
51	Efficacy of stereotactic radiosurgery for radiation-induced meningiomas. <i>Journal of Neuro-Oncology</i> , 2020, 148, 299-305.	2.9	7
52	Brain Cancer Progression. <i>Journal of Neurosurgical Anesthesiology</i> , 2021, Publish Ahead of Print, .	1.2	7
53	Consensus core clinical data elements for meningiomas (v2021.1). <i>Neuro-Oncology</i> , 2022, 24, 683-693.	1.2	7
54	RBApp: Creation and Patterns of Use of an Educational Mobile Application for Radiobiology Calculations in Radiation Therapy. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2015, 46, 215-222.	0.3	5

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55	Re-evaluating surgery and re-irradiation for locally recurrent pediatric ependymoma – a multi-institutional study. <i>Neuro-Oncology Advances</i> , 2021, 3, vdab158.	0.7	5
56	Photon versus proton whole ventricular radiotherapy for non-germinomatous germ cell tumors: A report from the Children's Oncology Group. <i>Pediatric Blood and Cancer</i> , 2022, 69, e29697.	1.5	5
57	Implementing and Evaluating the Impact of BoneRx: A Healthy Bone Prescription for Men with Prostate Cancer Initiating Androgen Deprivation Therapy. <i>Journal of Clinical Medicine</i> , 2022, 11, 2703.	2.4	5
58	Equivalent Efficacy and Safety of Radiosurgery for Cystic and Solid Vestibular Schwannomas: A Systematic Review. <i>World Neurosurgery</i> , 2021, 146, 322-331.e1.	1.3	4
59	Palliative radiation therapy for children with cancer. <i>Pediatric Blood and Cancer</i> , 2021, 68, e28292.	1.5	4
60	Beyond the brain: socioeconomic status and race in pediatric brain tumor survivorship. <i>Neuro-Oncology</i> , 2021, 23, 1050-1051.	1.2	4
61	Debate: single-fraction treatment should be standard in the retreatment of uncomplicated bone metastases. <i>Annals of Palliative Medicine</i> , 2015, 4, 207-13.	1.2	4
62	In Regard to Sanford et al. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 105, 230-231.	0.8	3
63	Late effects after childhood brain tumor treatment: it's not just about the radiation. <i>Neuro-Oncology</i> , 2019, 21, 565-567.	1.2	3
64	Reirradiation for recurrent craniopharyngioma. <i>Advances in Radiation Oncology</i> , 2020, 5, 1305-1310.	1.2	3
65	Ventricular size determination and management of ventriculomegaly and hydrocephalus in patients with diffuse intrinsic pontine glioma: an institutional experience. <i>Journal of Neurosurgery</i> , 2021, 135, 1139-1145.	1.6	3
66	A pilot study of machine-learning based automated planning for primary brain tumours. <i>Radiation Oncology</i> , 2022, 17, 3.	2.7	3
67	Re-irradiation with concurrent BRAF and MEK inhibitor therapy. <i>Pediatric Blood and Cancer</i> , 2021, 68, e28838.	1.5	2
68	Sinonasal Chondrosarcoma Presenting With Isolated Severe Vision Loss. <i>Journal of Neuro-Ophthalmology</i> , 2021, 41, e752-e755.	0.8	2
69	GCT-22. OUTCOMES OF CHILDREN WITH LOCALIZED AND METASTATIC GERMINOMA TREATED WITH CHEMOTHERAPY FOLLOWED BY RADIATION THERAPY WITHOUT PRIMARY TUMOR BOOST. <i>Neuro-Oncology</i> , 2022, 24, i59-i59.	1.2	2
70	Neurocognitive Performance in Adults Treated With Radiation for a Primary Brain Tumor. <i>Advances in Radiation Oncology</i> , 2022, 7, 101028.	1.2	2
71	Reply to S.A. Milgrom et al. <i>Journal of Clinical Oncology</i> , 2020, 38, 2212-2213.	1.6	1
72	Stereotactic Body Radiotherapy (SBRT) for an Extracranial Arteriovenous Malformation of the Pelvis. <i>Cureus</i> , 2021, 13, e18750.	0.5	1

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73	Radiation dose to circumscribed brain regions and neurocognitive function in patients with meningioma. <i>Neuro-Oncology Practice</i> , 2022, 9, 208-218.	1.6	1
74	Extra-Pleural Pneumonectomy (EPP) in Children and Adults with Locally Advanced Sarcoma: A CanSaRCC Study. <i>Current Oncology</i> , 2022, 29, 4260-4266.	2.2	1
75	In Reply to Byun et al. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 106, 219-220.	0.8	0
76	Hospitalizations in elderly glioblastoma patients. <i>Journal of Clinical Oncology</i> , 2017, 35, e21529-e21529.	1.6	0
77	Long-term outcomes after irradiation (RT) for pediatric low-grade glioma. <i>Journal of Clinical Oncology</i> , 2017, 35, 10549-10549.	1.6	0
78	Short Course Hypofractionated Radiotherapy for Frail or Elderly Patients With Meningioma. <i>Cureus</i> , 2020, 12, e8604.	0.5	0
79	LGG-55. OUTCOME OF BRAF V600E PEDIATRIC GLIOMAS TREATED WITH TARGETED BRAF INHIBITION. <i>Neuro-Oncology</i> , 2020, 22, iii377-iii377.	1.2	0
80	60: Re-Evaluating Surgery and Re-Irradiation for Locally Recurrent Pediatric Ependymoma – A Multi-Institutional Study. <i>Radiotherapy and Oncology</i> , 2021, 163, S28.	0.6	0
81	Clinical and economic impact of molecular testing for BRAF fusion in pediatric low-grade Glioma. <i>BMC Pediatrics</i> , 2022, 22, 13.	1.7	0
82	Resection and radiotherapy for intracranial ependymoma: a multiinstitutional 50-year experience. <i>Journal of Neurosurgery</i> , 2021, , 1-8.	1.6	0
83	MEDB-07. Long-term medical and functional outcomes of medulloblastoma survivors: a population-based, matched cohort study. <i>Neuro-Oncology</i> , 2022, 24, i105-i105.	1.2	0
84	Long-term medical and functional outcomes of medulloblastoma survivors: A population-based, matched cohort study. <i>Journal of Clinical Oncology</i> , 2022, 40, 10053-10053.	1.6	0
85	Long-term medical and functional outcomes of ependymoma survivors: A population-based, matched cohort study. <i>Journal of Clinical Oncology</i> , 2022, 40, 10054-10054.	1.6	0