Nadia N Issa Laack

List of Publications by Year in descending order

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104 papers

3,433 citations

30 h-index 54 g-index

104 all docs

104 docs citations

times ranked

104

4862 citing authors

#	Article	IF	CITATIONS
1	Hippocampal Avoidance During Whole-Brain Radiotherapy Plus Memantine for Patients With Brain Metastases: Phase III Trial NRG Oncology CC001. Journal of Clinical Oncology, 2020, 38, 1019-1029.	1.6	483
2	Cognitive sequelae of brain radiation in adults. Seminars in Oncology, 2004, 31, 702-713.	2.2	176
3	Biopsy validation of 18F-DOPA PET and biodistribution in gliomas for neurosurgical planning and radiotherapy target delineation: results of a prospective pilot study. Neuro-Oncology, 2013, 15, 1058-1067.	1.2	163
4	Cognitive function after radiotherapy for supratentorial low-grade glioma: A North Central Cancer Treatment Group prospective study. International Journal of Radiation Oncology Biology Physics, 2005, 63, 1175-1183.	0.8	156
5	Intracranial low-grade gliomas in adults: 30-year experience with long-term follow-up at Mayo Clinic. Neuro-Oncology, 2009, 11, 437-445.	1.2	152
6	Association of <i>MGMT</i> Promoter Methylation Status With Survival Outcomes in Patients With High-Risk Glioma Treated With Radiotherapy and Temozolomide. JAMA Oncology, 2018, 4, 1405.	7.1	141
7	Comprehensive Genomic Analysis in NRG Oncology/RTOG 9802: A Phase III Trial of Radiation Versus Radiation Plus Procarbazine, Lomustine (CCNU), and Vincristine in High-Risk Low-Grade Glioma. Journal of Clinical Oncology, 2020, 38, 3407-3417.	1.6	107
8	Management of diffuse low-grade gliomas in adults â€" use of molecular diagnostics. Nature Reviews Neurology, 2017, 13, 340-351.	10.1	95
9	Stereotactic Body Radiotherapy for Metastatic and Recurrent Ewing Sarcoma and Osteosarcoma. Sarcoma, 2014, 2014, 1-9.	1.3	91
10	Osteosarcoma. Pediatric Blood and Cancer, 2021, 68, e28352.	1.5	89
10		1.5	89
	Osteosarcoma. Pediatric Blood and Cancer, 2021, 68, e28352. Comparison of clinical features and outcomes in patients with extraskeletal versus skeletal localized Ewing sarcoma: A report from the Children's Oncology Group. Pediatric Blood and Cancer, 2016, 63,		
11	Osteosarcoma. Pediatric Blood and Cancer, 2021, 68, e28352. Comparison of clinical features and outcomes in patients with extraskeletal versus skeletal localized Ewing sarcoma: A report from the Children's Oncology Group. Pediatric Blood and Cancer, 2016, 63, 1771-1779. Outcomes and toxicities of stereotactic body radiation therapy for non-spine bone oligometastases.	1.5	81
11 12	Osteosarcoma. Pediatric Blood and Cancer, 2021, 68, e28352. Comparison of clinical features and outcomes in patients with extraskeletal versus skeletal localized Ewing sarcoma: A report from the Children's Oncology Group. Pediatric Blood and Cancer, 2016, 63, 1771-1779. Outcomes and toxicities of stereotactic body radiation therapy for non-spine bone oligometastases. Practical Radiation Oncology, 2014, 4, e143-e149. Emerging novel agents for patients with advanced Ewing sarcoma: a report from the Children's	1.5 2.1	62
11 12 13	Osteosarcoma. Pediatric Blood and Cancer, 2021, 68, e28352. Comparison of clinical features and outcomes in patients with extraskeletal versus skeletal localized Ewing sarcoma: A report from the Children's Oncology Group. Pediatric Blood and Cancer, 2016, 63, 1771-1779. Outcomes and toxicities of stereotactic body radiation therapy for non-spine bone oligometastases. Practical Radiation Oncology, 2014, 4, e143-e149. Emerging novel agents for patients with advanced Ewing sarcoma: a report from the Children's Oncology Group (COG) New Agents for Ewing Sarcoma Task Force. F1000Research, 2019, 8, 493. Long-Term Follow-Up of Dose-Adapted and Reduced-Field Radiotherapy With or Without Chemotherapy for Central Nervous System Germinoma. International Journal of Radiation Oncology Biology Physics,	1.5 2.1 1.6	81 62 57
11 12 13	Osteosarcoma. Pediatric Blood and Cancer, 2021, 68, e28352. Comparison of clinical features and outcomes in patients with extraskeletal versus skeletal localized Ewing sarcoma: A report from the Children's Oncology Group. Pediatric Blood and Cancer, 2016, 63, 1771-1779. Outcomes and toxicities of stereotactic body radiation therapy for non-spine bone oligometastases. Practical Radiation Oncology, 2014, 4, e143-e149. Emerging novel agents for patients with advanced Ewing sarcoma: a report from the Children's Oncology Group (COG) New Agents for Ewing Sarcoma Task Force. F1000Research, 2019, 8, 493. Long-Term Follow-Up of Dose-Adapted and Reduced-Field Radiotherapy With or Without Chemotherapy for Central Nervous System Germinoma. International Journal of Radiation Oncology Biology Physics, 2010, 77, 1449-1456. Outcomes following myxopapillary ependymoma resection: the importance of capsule integrity.	1.5 2.1 1.6 0.8	81625755
11 12 13 14	Osteosarcoma. Pediatric Blood and Cancer, 2021, 68, e28352. Comparison of clinical features and outcomes in patients with extraskeletal versus skeletal localized Ewing sarcoma: A report from the Children's Oncology Group. Pediatric Blood and Cancer, 2016, 63, 1771-1779. Outcomes and toxicities of stereotactic body radiation therapy for non-spine bone oligometastases. Practical Radiation Oncology, 2014, 4, e143-e149. Emerging novel agents for patients with advanced Ewing sarcoma: a report from the Children's Oncology Group (COG) New Agents for Ewing Sarcoma Task Force. F1000Research, 2019, 8, 493. Long-Term Follow-Up of Dose-Adapted and Reduced-Field Radiotherapy With or Without Chemotherapy for Central Nervous System Germinoma. International Journal of Radiation Oncology Biology Physics, 2010, 77, 1449-1456. Outcomes following myxopapillary ependymoma resection: the importance of capsule integrity. Neurosurgical Focus, 2015, 39, E8. Changes in presentation, treatment, and outcomes of adult low-grade gliomas over the past fifty	1.5 2.1 1.6 0.8	8162575554

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19	Proton therapy for pediatric malignancies: Fact, figures and costs. A joint consensus statement from the pediatric subcommittee of PTCOG, PROS and EPTN. Radiotherapy and Oncology, 2018, 128, 44-55.	0.6	46
20	Adult Low-grade Glioma. American Journal of Clinical Oncology: Cancer Clinical Trials, 2013, 36, 612-619.	1.3	43
21	Patterns of proton therapy use in pediatric cancer management in 2016: An international survey. Radiotherapy and Oncology, 2019, 132, 155-161.	0.6	42
22	Lowâ€grade gliomas in older patients. Cancer, 2009, 115, 3969-3978.	4.1	41
23	Preoperative Stereotactic Radiosurgery for Brain Metastases. Frontiers in Neurology, 2018, 9, 959.	2.4	41
24	Phase III Trial Adding Vincristine-Topotecan-Cyclophosphamide to the Initial Treatment of Patients With Nonmetastatic Ewing Sarcoma: A Children's Oncology Group Report. Journal of Clinical Oncology, 2021, 39, 4029-4038.	1.6	41
25	Ewing sarcoma. Pediatric Blood and Cancer, 2021, 68, e28355.	1.5	40
26	Pelvis Ewing sarcoma: Local control and survival in the modern era. Pediatric Blood and Cancer, 2017, 64, e26504.	1.5	38
27	An Update From the Pediatric Proton Consortium Registry. Frontiers in Oncology, 2018, 8, 165.	2.8	37
28	Post-WBRT cognitive impairment and hippocampal neuronal depletion measured by in vivo metabolic MR spectroscopy: Results of prospective investigational study. Radiotherapy and Oncology, 2017, 122, 373-379.	0.6	35
29	The Children's Oncology Group Radiation Oncology Discipline: 15ÂYears of Contributions to the Treatment of Childhood Cancer. International Journal of Radiation Oncology Biology Physics, 2018, 101, 860-874.	0.8	34
30	Initial Results of a Phase 2 Trial of 18F-DOPA PET-Guided Dose-Escalated Radiation Therapy for Glioblastoma. International Journal of Radiation Oncology Biology Physics, 2021, 110, 1383-1395.	0.8	31
31	Clinical Implementation of a Proton Dose Verification System Utilizing a GPU Accelerated Monte Carlo Engine. International Journal of Particle Therapy, 2016, 3, 312-319.	1.8	31
32	The impact of concurrent temozolomide with adjuvant radiation and IDH mutation status among patients with anaplastic astrocytoma. Journal of Neuro-Oncology, 2014, 120, 85-93.	2.9	30
33	Prediction of MGMT Status for Glioblastoma Patients Using Radiomics Feature Extraction From 18F-DOPA-PET Imaging. International Journal of Radiation Oncology Biology Physics, 2020, 108, 1339-1346.	0.8	29
34	Patient-Reported Functional and Quality of Life Outcomes in a Large Cohort of Long-Term Survivors of Ewing Sarcoma. Pediatric Blood and Cancer, 2015, 62, 2189-2196.	1.5	27
35	Reirradiation for diffuse intrinsic pontine glioma: a systematic review and meta-analysis. Child's Nervous System, 2019, 35, 739-746.	1.1	27
36	Establishment of practice standards in nomenclature and prescription to enable construction of software and databases for knowledge-based practice review. Practical Radiation Oncology, 2016, 6, e117-e126.	2.1	26

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37	Prospective trial evaluating the sensitivity and specificity of 3,4-dihydroxy-6-[18F]-fluoro-l-phenylalanine (18F-DOPA) PET and MRI in patients with recurrent gliomas. Journal of Neuro-Oncology, 2018, 137, 583-591.	2.9	26
38	Double-Blind, Placebo-Controlled Pilot Study of Processed Ultra Emu Oil Versus Placebo in the Prevention of Radiation Dermatitis. International Journal of Radiation Oncology Biology Physics, 2015, 92, 650-658.	0.8	24
39	Management of GBM: a problem of local recurrence. Journal of Neuro-Oncology, 2017, 134, 487-493.	2.9	24
40	An open invitation to join the Pediatric Proton/Photon Consortium Registry to standardize data collection in pediatric radiation oncology. British Journal of Radiology, 2020, 93, 20190673.	2.2	24
41	Pilot Study of Adding Vincristine, Topotecan, and Cyclophosphamide to Interval-Compressed Chemotherapy in Newly Diagnosed Patients With Localized Ewing Sarcoma: A Report From the Children's Oncology Group. Pediatric Blood and Cancer, 2016, 63, 493-498.	1.5	23
42	Joint Final Report of EORTC 26951 and RTOG 9402: Phase III Trials With Procarbazine, Lomustine, and Vincristine Chemotherapy for Anaplastic Oligodendroglial Tumors. Journal of Clinical Oncology, 2022, 40, 2539-2545.	1.6	23
43	Pseudoprogression after radiation therapies for low grade glioma in children and adults: A systematic review and meta-analysis. Radiotherapy and Oncology, 2020, 142, 36-42.	0.6	22
44	Photon and Proton Radiation Therapy Utilization in a Population of More Than 100 Million Commercially Insured Patients. International Journal of Radiation Oncology Biology Physics, 2017, 99, 1078-1082.	0.8	21
45	Desmoplastic Infantile Ganglioglioma: A MAPK Pathway-Driven and Microglia/Macrophage-Rich Neuroepithelial Tumor. Journal of Neuropathology and Experimental Neurology, 2019, 78, 1011-1021.	1.7	21
46	Development and Assessment of a Predictive Score for Vertebral Compression Fracture After Stereotactic Body Radiation Therapy for Spinal Metastases. JAMA Oncology, 2022, 8, 412.	7.1	21
47	Once-Daily Radiation Therapy for Inflammatory Breast Cancer. International Journal of Radiation Oncology Biology Physics, 2014, 89, 997-1003.	0.8	19
48	Radiation Therapy Oncology Group 9802: Controversy or Consensus in the Treatment of Newly Diagnosed Low-Grade Glioma?. Seminars in Radiation Oncology, 2015, 25, 197-202.	2.2	19
49	Gamma Knife radiosurgery for neurofibromatosis type 2-associated meningiomas: a 22-year patient series. Journal of Neuro-Oncology, 2016, 130, 553-560.	2.9	17
50	The impact of adjuvant therapy for patients with high-risk diffuse WHO grade II glioma. Journal of Neuro-Oncology, 2017, 135, 535-543.	2.9	17
51	Pretreatment Volume of MRI-Determined White Matter Injury Predicts Neurocognitive Decline After Hippocampal Avoidant Whole-Brain Radiation Therapy for Brain Metastases: Secondary Analysis of NRG Oncology Radiation Therapy Oncology Group 0933. Advances in Radiation Oncology, 2019, 4, 579-586.	1.2	17
52	CHOD/BVAM Chemotherapy and Whole-Brain Radiotherapy for Newly Diagnosed Primary Central Nervous System Lymphoma. International Journal of Radiation Oncology Biology Physics, 2011, 81, 476-482.	0.8	16
53	Stereotactic Radiosurgery in the Treatment of Recurrent CNS Lymphoma. World Neurosurgery, 2015, 84, 390-397.	1.3	16
54	A multiâ€institutional phase 2 trial of stereotactic body radiotherapy in the treatment of bone metastases in pediatric and young adult patients with sarcoma. Cancer, 2021, 127, 739-747.	4.1	16

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55	Clinical outcomes of children and adults with central nervous system primitive neuroectodermal tumor. Journal of Neuro-Oncology, 2014, 120, 371-379.	2.9	15
56	Imaging Findings of Pediatric Orbital Masses and Tumor Mimics. Radiographics, 2022, 42, 880-897.	3.3	15
57	Health related quality of life (HRQOL) in long-term survivors of pediatric low grade gliomas (LGGs). Journal of Neuro-Oncology, 2015, 121, 599-607.	2.9	14
58	Impact of Patient Stage and Disease Characteristics on the proposed Radiation Oncology Alternative Payment Model (RO-APM). International Journal of Radiation Oncology Biology Physics, 2020, 106, 905-911.	0.8	14
59	Patterns of failure and optimal radiotherapy target volumes in primary intradural extramedullary Ewing sarcoma. Acta Oncol $ ilde{A}^3$ gica, 2016, 55, 1057-1061.	1.8	13
60	Biologic Dose and Imaging Changes in Pediatric Brain Tumor Patients Receiving Spot Scanning Proton Therapy. International Journal of Radiation Oncology Biology Physics, 2019, 105, 664-673.	0.8	13
61	Soft tissue sarcoma stiffness and perfusion evaluation by MRE and DCE-MRI for radiation therapy response assessment: a technical feasibility study. Biomedical Physics and Engineering Express, 2019, 5, 047003.	1.2	13
62	Gamma knife radiosurgery for the treatment of uveal melanoma and uveal metastases. International Journal of Retina and Vitreous, 2017, 3, 17.	1.9	12
63	Provider views on the management of Ewing sarcoma of the spine and pelvis. Journal of Surgical Oncology, 2018, 117, 417-424.	1.7	12
64	Multidisciplinary Medical Simulation: A Novel Educational Approach to Preparing Radiation Oncology Residents for Oncologic Emergent On-Call Treatments. International Journal of Radiation Oncology Biology Physics, 2014, 90, 705-706.	0.8	11
65	Clinical Implementation of Robust Optimization for Craniospinal Irradiation. Cancers, 2018, 10, 7.	3.7	11
66	Practice patterns and recommendations for pediatric imageâ€guided radiotherapy: A Children's Oncology Group report. Pediatric Blood and Cancer, 2020, 67, e28629.	1.5	11
67	Evaluation of RANO response criteria compared to clinician evaluation in WHO grade III anaplastic astrocytoma: implications for clinical trial reporting and patterns of failure. Journal of Neuro-Oncology, 2015, 122, 197-203.	2.9	10
68	Survivorship care planning in neuro-oncology. Neuro-Oncology Practice, 2018, 5, 3-9.	1.6	10
69	Basics of Radiation Therapy. , 2016, , 39-60.		9
70	Optimal radiotherapy target volumes in intracranial nongerminomatous germ cell tumors: Longâ€term institutional experience with chemotherapy, surgery, and dose―and fieldâ€adapted radiotherapy. Pediatric Blood and Cancer, 2017, 64, e26637.	1.5	9
71	The Role of Biological Effective Dose in Predicting Obliteration After Stereotactic Radiosurgery of Cerebral Arteriovenous Malformations. Mayo Clinic Proceedings, 2021, 96, 1157-1164.	3.0	9
72	Development and Internal Validation of a Recursive Partitioning Analysis–Based Model Predictive of Pain Flare Incidence After Spine Stereotactic Body Radiation Therapy. Practical Radiation Oncology, 2022, 12, e269-e277.	2.1	9

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73	Local Control Modality and Outcome for Ewing Sarcoma of the Femur: A Report From the Children's Oncology Group. Annals of Surgical Oncology, 2016, 23, 3541-3547.	1.5	8
74	Proton Therapy for Brain Metastases: A Question of Value. International Journal of Radiation Oncology Biology Physics, 2018, 101, 830-832.	0.8	8
75	Electrocardiogram-Gated Computed Tomography with Coronary Angiography for Cardiac Substructure Delineation and Sparing in Patients with Mediastinal Lymphomas Treated with Radiation Therapy. Practical Radiation Oncology, 2020, 10, 104-111.	2.1	8
76	Reducing Heart Dose with Protons and Cardiac Substructure Sparing for Mediastinal Lymphoma Treatment. International Journal of Particle Therapy, 2020, 7, 1-12.	1.8	8
77	The role of single-fraction stereotactic radiosurgery for atypical meningiomas (WHO grade II): treatment results based on a 25-year experience. Journal of Neuro-Oncology, 2021, 155, 335-342.	2.9	7
78	Comparison of Oncologic Outcomes and Treatment-Related Toxicity of Carbon Ion Radiotherapy and En Bloc Resection for Sacral Chordoma. JAMA Network Open, 2022, 5, e2141927.	5.9	7
79	Empowering Residents into Independent Practice: A Single-Institutional Endeavor Aimed at Developing Resident Autonomy Through Implementation of a Chief Resident Service in Radiation Oncology. International Journal of Radiation Oncology Biology Physics, 2020, 107, 23-26.	0.8	6
80	The Importance of Verification CT-QA Scans in Patients Treated with IMPT for Head and Neck Cancers. International Journal of Particle Therapy, 2020, 7, 41-53.	1.8	6
81	Data collection of patient outcomes: one institution's experience. Journal of Radiation Research, 2018, 59, i19-i24.	1.6	5
82	Modern reirradiation for recurrent gliomas can safely delay tumor progression. Neuro-Oncology Practice, 2018, 5, 46-55.	1.6	5
83	Dosimetric impact of amino acid positron emission tomography imaging for target delineation in radiation treatment planning for high-grade gliomas. Physics and Imaging in Radiation Oncology, 2018, 6, 94-100.	2.9	5
84	Radiation Therapy for Pediatric Brain Tumors using Robotic Radiation Delivery System and Intensity Modulated Proton Therapy. Practical Radiation Oncology, 2020, 10, e173-e182.	2.1	5
85	Factors Associated With Acute Toxicity in Pediatric Patients Treated With Proton Radiation Therapy: A Report From the Pediatric Proton Consortium Registry. Practical Radiation Oncology, 2022, 12, 155-162.	2.1	5
86	Initial results of a phase II trial of 18F-DOPA PET-guided re-irradiation for recurrent high-grade glioma. Journal of Neuro-Oncology, 2022, 158, 323-330.	2.9	5
87	Chondrosarcoma arising within a radiation-induced osteochondroma several years following childhood total body irradiation: Case report. Skeletal Radiology, 2013, 42, 1173-1177.	2.0	4
88	Dosimetric analysis of varying cord planning organ at risk volume in spine stereotactic body radiation therapy. Advances in Radiation Oncology, 2016, 1, 76-81.	1.2	4
89	Management of Unruptured AVMs: The Pendulum Swings. International Journal of Radiation Oncology Biology Physics, 2019, 105, 687-689.	0.8	3
90	Assembling the brain trust: the multidisciplinary imperative in neuro-oncology. Nature Reviews Clinical Oncology, 2019, 16, 521-522.	27.6	3

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91	Hippocampal Avoidance Prophylactic Cranial Irradiation for SCLC. Journal of Thoracic Oncology, 2021, 16, e41-e42.	1.1	2
92	Ultra-low-dose (boom-boom) radiotherapy for management of recurrent ocular post-transplant lymphoproliferative disorder. American Journal of Ophthalmology Case Reports, 2021, 23, 101118.	0.7	2
93	Injury to Insult: Infarction After Radiotherapy inÂtheÂTreatmentÂof Pediatric Brain Tumor. Pediatric Neurology, 2015, 52, 552-553.	2.1	1
94	Clinical efficacy and safety of a highly conformal, supine, hybrid forward and inverse planned intensity modulated radiation therapy technique for craniospinal irradiation. Acta Oncológica, 2018, 57, 629-636.	1.8	1
95	Anaplastic Ependymoma and Posterior Fossa Grouping in a Patient With H3K27ME3 Loss of Expression but Chromosomal Imbalance. Advances in Radiation Oncology, 2019, 4, 466-472.	1.2	1
96	Long-Term Control after Radiosurgery for a Recurrent Supratentorial Primitive Neuroectodermal Tumor: A Case Report and Review of the Literature. Stereotactic and Functional Neurosurgery, 2021, 99, 267-269.	1.5	1
97	Does the dural resection bed need to be irradiated? Patterns of recurrence and implications for postoperative radiotherapy for temporal lobe gliomas. Neuro-Oncology Practice, 2021, 8, 190-198.	1.6	1
98	Survival and associated predictors for patients with pineoblastoma or pineal parenchymal tumors of intermediate differentiation older than 3 years: Insights from the National Cancer Database. Neuro-Oncology Advances, 2022, 4, .	0.7	1
99	My Husband Is a Physician. Annals of Emergency Medicine, 2014, 64, 198.	0.6	0
100	RTHP-08. LONG-TERM FOLLOW UP OF HIGH-RISK LOW-GRADE GLIOMA PATIENTS TREATED WITH RADIOTHERAPY (RT) OR RT AND ADJUVANT TEMOZOLAMIDE OR PROCARBAZINE, CCNU, AND VINCRISTINE (PCV) CHEMOTHERAPY AT AÂSINGLE INSTITUTION. Neuro-Oncology, 2016, 18, vi175-vi175.	1.2	0
101	Salvage Radiosurgery for Recurrent Supratentorial Primitive Neuroectodermal Tumors: A Single Institutional Series and Review of the Literature. Stereotactic and Functional Neurosurgery, 2021, 99, 405-411.	1.5	0
102	In Skeletally Immature Children Receiving Radiation for Craniofacial Pathology, Is Success of Subsequent Orthopedic Treatment of Maxillary Transverse Skeletal Deficiency Affected by Inclusion of the Midpalatal Suture in Proton Beam Volume?. Advances in Radiation Oncology, 2021, 6, 100671.	1,2	0
103	Myxopapillary ependymomas; proximity to the conus and its effect on presentation and outcomes. , $2021, 12, 429.$		0
104	Ewing Sarcoma and Desmoplastic Small Round Cell Tumor. Pediatric Oncology, 2018, , 3-20.	0.5	0