

Nadia N Issa Laack

List of Publications by Citations

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96
papers

2,147
citations

23
h-index

43
g-index

104
ext. papers

2,826
ext. citations

3.1
avg, IF

4.77
L-index

#	Paper	IF	Citations
96	Hippocampal Avoidance During Whole-Brain Radiotherapy Plus Memantine for Patients With Brain Metastases: Phase III Trial NRG Oncology CC001. <i>Journal of Clinical Oncology</i> , 2020 , 38, 1019-1029	2.2	231
95	Cognitive sequelae of brain radiation in adults. <i>Seminars in Oncology</i> , 2004 , 31, 702-13	5.5	156
94	Biopsy validation of 18F-DOPA PET and biodistribution in gliomas for neurosurgical planning and radiotherapy target delineation: results of a prospective pilot study. <i>Neuro-Oncology</i> , 2013 , 15, 1058-67 ¹	1	125
93	Intracranial low-grade gliomas in adults: 30-year experience with long-term follow-up at Mayo Clinic. <i>Neuro-Oncology</i> , 2009 , 11, 437-45	1	124
92	Cognitive function after radiotherapy for supratentorial low-grade glioma: a North Central Cancer Treatment Group prospective study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2005 , 63, 1175-83	4	122
91	Association of MGMT Promoter Methylation Status With Survival Outcomes in Patients With High-Risk Glioma Treated With Radiotherapy and Temozolomide: An Analysis From the NRG Oncology/RTOG 0424 Trial. <i>JAMA Oncology</i> , 2018 , 4, 1405-1409	13.4	88
90	Stereotactic body radiotherapy for metastatic and recurrent ewing sarcoma and osteosarcoma. <i>Sarcoma</i> , 2014 , 2014, 418270	3.1	74
89	Management of diffuse low-grade gliomas in adults - use of molecular diagnostics. <i>Nature Reviews Neurology</i> , 2017 , 13, 340-351	15	72
88	Comparison of clinical features and outcomes in patients with extraskelletal versus skeletal localized Ewing sarcoma: A report from the Children's Oncology Group. <i>Pediatric Blood and Cancer</i> , 2016 , 63, 1771-9	3	61
87	Outcomes and toxicities of stereotactic body radiation therapy for non-spine bone oligometastases. <i>Practical Radiation Oncology</i> , 2014 , 4, e143-e149	2.8	49
86	Outcomes following myxopapillary ependymoma resection: the importance of capsule integrity. <i>Neurosurgical Focus</i> , 2015 , 39, E8	4.2	40
85	Changes in presentation, treatment, and outcomes of adult low-grade gliomas over the past fifty years. <i>Neuro-Oncology</i> , 2013 , 15, 1102-10	1	39
84	Long-term follow-up of dose-adapted and reduced-field radiotherapy with or without chemotherapy for central nervous system germinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010 , 77, 1449-56	4	39
83	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. <i>Journal of Clinical Oncology</i> , 2020 , 38, 3407-3417	2.2	39
82	Whole-brain radiotherapy and high-dose methylprednisolone for elderly patients with primary central nervous system lymphoma: Results of North Central Cancer Treatment Group (NCCTG) 96-73-51. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006 , 65, 1429-39	4	38
81	Low-grade gliomas in older patients: long-term follow-up from Mayo Clinic. <i>Cancer</i> , 2009 , 115, 3969-78	6.4	37
80	Adult low-grade glioma: 19-year experience at a single institution. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2013 , 36, 612-9	2.7	36

79	Proton therapy for pediatric malignancies: Fact, figures and costs. A joint consensus statement from the pediatric subcommittee of PTCOG, PROS and EPTN. <i>Radiotherapy and Oncology</i> , 2018 , 128, 44-55	5.3	32
78	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. <i>F1000Research</i> , 2019 , 8,	3.6	31
77	External beam radiation therapy for advanced/unresectable malignant paraganglioma and pheochromocytoma. <i>Advances in Radiation Oncology</i> , 2018 , 3, 25-29	3.3	29
76	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	4	27
75	Patterns of proton therapy use in pediatric cancer management in 2016: An international survey. <i>Radiotherapy and Oncology</i> , 2019 , 132, 155-161	5.3	27
74	The impact of concurrent temozolomide with adjuvant radiation and IDH mutation status among patients with anaplastic astrocytoma. <i>Journal of Neuro-Oncology</i> , 2014 , 120, 85-93	4.8	25
73	Post-WBRT cognitive impairment and hippocampal neuronal depletion measured by in vivo metabolic MR spectroscopy: Results of prospective investigational study. <i>Radiotherapy and Oncology</i> , 2017 , 122, 373-379	5.3	23
72	Pelvis Ewing sarcoma: Local control and survival in the modern era. <i>Pediatric Blood and Cancer</i> , 2017 , 64, e26504	3	23
71	An Update From the Pediatric Proton Consortium Registry. <i>Frontiers in Oncology</i> , 2018 , 8, 165	5.3	23
70	Patient-Reported Functional and Quality of Life Outcomes in a Large Cohort of Long-Term Survivors of Ewing Sarcoma. <i>Pediatric Blood and Cancer</i> , 2015 , 62, 2189-96	3	23
69	Clinical Implementation of a Proton Dose Verification System Utilizing a GPU Accelerated Monte Carlo Engine. <i>International Journal of Particle Therapy</i> , 2016 , 3, 312-319	1.5	23
68	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. <i>Pediatric Blood and Cancer</i> , 2016 , 63, 493-8	3	21
67	Preoperative Stereotactic Radiosurgery for Brain Metastases. <i>Frontiers in Neurology</i> , 2018 , 9, 959	4.1	20
66	Management of GBM: a problem of local recurrence. <i>Journal of Neuro-Oncology</i> , 2017 , 134, 487-493	4.8	19
65	Double-Blind, Placebo-Controlled Pilot Study of Processed Ultra Emu Oil Versus Placebo in the Prevention of Radiation Dermatitis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015 , 92, 650-8	4	19
64	Establishment of practice standards in nomenclature and prescription to enable construction of software and databases for knowledge-based practice review. <i>Practical Radiation Oncology</i> , 2016 , 6, e117-e126	2.8	18
63	Osteosarcoma. <i>Pediatric Blood and Cancer</i> , 2021 , 68 Suppl 2, e28352	3	17
62	The impact of adjuvant therapy for patients with high-risk diffuse WHO grade II glioma. <i>Journal of Neuro-Oncology</i> , 2017 , 135, 535-543	4.8	16

61	Reirradiation for diffuse intrinsic pontine glioma: a systematic review and meta-analysis. <i>Childs Nervous System</i> , 2019 , 35, 739-746	1.7	15
60	Radiation Therapy Oncology Group 9802: Controversy or Consensus in the Treatment of Newly Diagnosed Low-Grade Glioma?. <i>Seminars in Radiation Oncology</i> , 2015 , 25, 197-202	5.5	15
59	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. <i>Journal of Neuro-Oncology</i> , 2018 , 137, 583-591	4.8	15
58	Gamma Knife radiosurgery for neurofibromatosis type 2-associated meningiomas: a 22-year patient series. <i>Journal of Neuro-Oncology</i> , 2016 , 130, 553-560	4.8	15
57	Photon and Proton Radiation Therapy Utilization in a Population of More Than 100 Million Commercially Insured Patients. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017 , 99, 1078-1082	4	15
56	Prediction of MGMT Status for Glioblastoma Patients Using Radiomics Feature Extraction From F-DOPA-PET Imaging. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020 , 108, 1339-1346	4	15
55	Stereotactic Radiosurgery in the Treatment of Recurrent CNS Lymphoma. <i>World Neurosurgery</i> , 2015 , 84, 390-7	2.1	14
54	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. <i>Advances in Radiation Oncology</i> , 2019 , 4, 579-586	3.3	13
53	Once-daily radiation therapy for inflammatory breast cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014 , 89, 997-1003	4	13
52	CHOD/BVAM chemotherapy and whole-brain radiotherapy for newly diagnosed primary central nervous system lymphoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011 , 81, 476-82	4	13
51	Health related quality of life (HRQOL) in long-term survivors of pediatric low grade gliomas (LGGs). <i>Journal of Neuro-Oncology</i> , 2015 , 121, 599-607	4.8	12
50	Desmoplastic Infantile Ganglioglioma: A MAPK Pathway-Driven and Microglia/Macrophage-Rich Neuroepithelial Tumor. <i>Journal of Neuropathology and Experimental Neurology</i> , 2019 , 78, 1011-1021	3.1	11
49	An open invitation to join the Pediatric Proton/Photon Consortium Registry to standardize data collection in pediatric radiation oncology. <i>British Journal of Radiology</i> , 2020 , 93, 20190673	3.4	11
48	Biologic Dose and Imaging Changes in Pediatric Brain Tumor Patients Receiving Spot Scanning Proton Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019 , 105, 664-673	4	10
47	Clinical outcomes of children and adults with central nervous system primitive neuroectodermal tumor. <i>Journal of Neuro-Oncology</i> , 2014 , 120, 371-9	4.8	10
46	Pseudoprogression after radiation therapies for low grade glioma in children and adults: A systematic review and meta-analysis. <i>Radiotherapy and Oncology</i> , 2020 , 142, 36-42	5.3	9
45	Multidisciplinary medical simulation: a novel educational approach to preparing radiation oncology residents for oncologic emergent on-call treatments. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014 , 90, 705-6	4	8
44	Phase III Trial Adding Vincristine-Topotecan-Cyclophosphamide to the Initial Treatment of Patients With Nonmetastatic Ewing Sarcoma: A Children's Oncology Group Report. <i>Journal of Clinical Oncology</i> , 2021 , JCO2100358	2.2	8

43	Evaluation of RANO response criteria compared to clinician evaluation in WHO grade III anaplastic astrocytoma: implications for clinical trial reporting and patterns of failure. <i>Journal of Neuro-Oncology</i> , 2015 , 122, 197-203	4.8	7
42	Provider views on the management of Ewing sarcoma of the spine and pelvis. <i>Journal of Surgical Oncology</i> , 2018 , 117, 417-424	2.8	7
41	Gamma knife radiosurgery for the treatment of uveal melanoma and uveal metastases. <i>International Journal of Retina and Vitreous</i> , 2017 , 3, 17	2.9	7
40	Basics of Radiation Therapy 2016 , 39-60		7
39	Local Control Modality and Outcome for Ewing Sarcoma of the Femur: A Report From the Children's Oncology Group. <i>Annals of Surgical Oncology</i> , 2016 , 23, 3541-3547	3.1	7
38	Initial Results of a Phase 2 Trial of F-DOPA PET-Guided Dose-Escalated Radiation Therapy for Glioblastoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021 , 110, 1383-1395	4	7
37	Soft Tissue Sarcoma Stiffness and Perfusion Evaluation by MRE and DCE-MRI for Radiation Therapy Response Assessment: A Technical Feasibility Study. <i>Biomedical Physics and Engineering Express</i> , 2019 , 5,	1.5	6
36	Impact of Patient Stage and Disease Characteristics on the proposed Radiation Oncology Alternative Payment Model (RO-APM). <i>International Journal of Radiation Oncology Biology Physics</i> , 2020 , 106, 905-911	4	6
35	Patterns of failure and optimal radiotherapy target volumes in primary intradural extramedullary Ewing sarcoma. <i>Acta Oncologica</i> , 2016 , 55, 1057-61	3.2	6
34	Survivorship care planning in neuro-oncology. <i>Neuro-Oncology Practice</i> , 2018 , 5, 3-9	2.2	6
33	Optimal radiotherapy target volumes in intracranial nongerminomatous germ cell tumors: Long-term institutional experience with chemotherapy, surgery, and dose- and field-adapted radiotherapy. <i>Pediatric Blood and Cancer</i> , 2017 , 64, e26637	3	6
32	Practice patterns and recommendations for pediatric image-guided radiotherapy: A Children's Oncology Group report. <i>Pediatric Blood and Cancer</i> , 2020 , 67, e28629	3	6
31	Ewing sarcoma. <i>Pediatric Blood and Cancer</i> , 2021 , 68 Suppl 2, e28355	3	6
30	Clinical Implementation of Robust Optimization for Craniospinal Irradiation. <i>Cancers</i> , 2018 , 10,	6.6	5
29	Electrocardiogram-Gated Computed Tomography with Coronary Angiography for Cardiac Substructure Delineation and Sparing in Patients with Mediastinal Lymphomas Treated with Radiation Therapy. <i>Practical Radiation Oncology</i> , 2020 , 10, 104-111	2.8	5
28	Dosimetric analysis of varying cord planning organ at risk volume in spine stereotactic body radiation therapy. <i>Advances in Radiation Oncology</i> , 2016 , 1, 76-81	3.3	4
27	A multi-institutional phase 2 trial of stereotactic body radiotherapy in the treatment of bone metastases in pediatric and young adult patients with sarcoma. <i>Cancer</i> , 2021 , 127, 739-747	6.4	4
26	Dosimetric impact of amino acid positron emission tomography imaging for target delineation in radiation treatment planning for high-grade gliomas. <i>Physics and Imaging in Radiation Oncology</i> , 2018 , 6, 94-100	3.1	4

25	Chondrosarcoma arising within a radiation-induced osteochondroma several years following childhood total body irradiation: case report. <i>Skeletal Radiology</i> , 2013 , 42, 1173-7	2.7	3
24	Modern reirradiation for recurrent gliomas can safely delay tumor progression. <i>Neuro-Oncology Practice</i> , 2018 , 5, 46-55	2.2	2
23	Management of Unruptured AVMs: The Pendulum Swings. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019 , 105, 687-689	4	2
22	Reducing Heart Dose with Protons and Cardiac Substructure Sparing for Mediastinal Lymphoma Treatment. <i>International Journal of Particle Therapy</i> , 2020 , 7, 1-12	1.5	2
21	Radiation Therapy for Pediatric Brain Tumors using Robotic Radiation Delivery System and Intensity Modulated Proton Therapy. <i>Practical Radiation Oncology</i> , 2020 , 10, e173-e182	2.8	2
20	Assembling the brain trust: the multidisciplinary imperative in neuro-oncology. <i>Nature Reviews Clinical Oncology</i> , 2019 , 16, 521-522	19.4	1
19	Injury to insult: infarction after radiotherapy in the treatment of pediatric brain tumor. <i>Pediatric Neurology</i> , 2015 , 52, 552-3	2.9	1
18	Data collection of patient outcomes: one institution's experience. <i>Journal of Radiation Research</i> , 2018 , 59, i19-i24	2.4	1
17	Anaplastic Ependymoma and Posterior Fossa Grouping in a Patient With H3K27ME3 Loss of Expression but Chromosomal Imbalance. <i>Advances in Radiation Oncology</i> , 2019 , 4, 466-472	3.3	1
16	Comparison of Oncologic Outcomes and Treatment-Related Toxicity of Carbon Ion Radiotherapy and En Bloc Resection for Sacral Chordoma.. <i>JAMA Network Open</i> , 2022 , 5, e2141927	10.4	1
15	The Importance of Verification CT-QA Scans in Patients Treated with IMPT for Head and Neck Cancers. <i>International Journal of Particle Therapy</i> , 2020 , 7, 41-53	1.5	1
14	The role of single-fraction stereotactic radiosurgery for atypical meningiomas (WHO grade II): treatment results based on a 25-year experience. <i>Journal of Neuro-Oncology</i> , 2021 , 155, 335-342	4.8	1
13	The Role of Biological Effective Dose in Predicting Obliteration After Stereotactic Radiosurgery of Cerebral Arteriovenous Malformations. <i>Mayo Clinic Proceedings</i> , 2021 , 96, 1157-1164	6.4	1
12	Hippocampal Avoidance Prophylactic Cranial Irradiation for SCLC. <i>Journal of Thoracic Oncology</i> , 2021 , 16, e41-e42	8.9	1
11	Clinical efficacy and safety of a highly conformal, supine, hybrid forward and inverse planned intensity modulated radiation therapy technique for craniospinal irradiation. <i>Acta Oncologica</i> , 2018 , 57, 629-636	3.2	1
10	Ultra-low-dose (boom-boom) radiotherapy for management of recurrent ocular post-transplant lymphoproliferative disorder. <i>American Journal of Ophthalmology Case Reports</i> , 2021 , 23, 101118	1.3	1
9	Imaging Findings of Pediatric Orbital Masses and Tumor Mimics.. <i>Radiographics</i> , 2022 , 210116	5.4	1
8	Long-Term Control after Radiosurgery for a Recurrent Supratentorial Primitive Neuroectodermal Tumor: A Case Report and Review of the Literature. <i>Stereotactic and Functional Neurosurgery</i> , 2021 , 99, 267-269	1.6	0

7	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 A SINGLE INSTITUTION. <i>Neuro-Oncology</i> , 2016 , 18, vi175-vi175	1
6	Change of shift. My husband is a physician. <i>Annals of Emergency Medicine</i> , 2014 , 64, 198	2.1
5	Does the dural resection bed need to be irradiated? Patterns of recurrence and implications for postoperative radiotherapy for temporal lobe gliomas. <i>Neuro-Oncology Practice</i> , 2021 , 8, 190-198	2.2
4	Ewing Sarcoma and Desmoplastic Small Round Cell Tumor. <i>Pediatric Oncology</i> , 2018 , 3-20	0.5
3	Salvage Radiosurgery for Recurrent Supratentorial Primitive Neuroectodermal Tumors: A Single Institutional Series and Review of the Literature. <i>Stereotactic and Functional Neurosurgery</i> , 2021 , 99, 405-411	1.6
2	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?. <i>Advances in Radiation Oncology</i> , 2021 , 6, 100671	3.3
1	Myxopapillary ependymomas; proximity to the conus and its effect on presentation and outcomes. <i>Surgical Neurology International</i> , 2021 , 12, 429	1