

# Niloy Ranjan Datta

## List of Publications by Year in descending order

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Version: 2024-02-01

86  
papers

2,329  
citations

331670

21  
h-index

223800

46  
g-index

88  
all docs

88  
docs citations

88  
times ranked

2596  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hyperthermia: A Potential Game-Changer in the Management of Cancers in Low-Middle-Income Group Countries. <i>Cancers</i> , 2022, 14, 315.	3.7	14
2	Strategies to Maximize Available Resources With Minimum Cost Escalation for Improving Radiation Therapy Accessibility in the Post-“Coronavirus Disease 2019 Era: An Analysis for Asia. <i>Advances in Radiation Oncology</i> , 2021, 6, 100565.	1.2	5
3	Quantification of thermal dose in moderate clinical hyperthermia with radiotherapy: a relook using temperature-time area under the curve (AUC). <i>International Journal of Hyperthermia</i> , 2021, 38, 296-307.	2.5	9
4	In Reply to Roussakow. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 109, 642-644.	0.8	0
5	The addition of deep hyperthermia to gemcitabine-based chemoradiation may achieve enhanced survival in unresectable locally advanced adenocarcinoma of the pancreas. <i>Clinical and Translational Radiation Oncology</i> , 2021, 27, 109-113.	1.7	7
6	Treatment planning facilitates clinical decision making for hyperthermia treatments. <i>International Journal of Hyperthermia</i> , 2021, 38, 532-551.	2.5	14
7	Early results and volumetric analysis after spot-scanning proton therapy with concomitant hyperthermia in large inoperable sacral chordomas. <i>British Journal of Radiology</i> , 2020, 93, 20180883.	2.2	11
8	Integrating Loco-Regional Hyperthermia Into the Current Oncology Practice: SWOT and TOWS Analyses. <i>Frontiers in Oncology</i> , 2020, 10, 819.	2.8	46
9	Hyperthermia with photon radiotherapy is thermoradiobiologically analogous to neutrons for tumors without enhanced normal tissue toxicity. <i>International Journal of Hyperthermia</i> , 2019, 36, 1072-1077.	2.5	7
10	Challenges and Opportunities to Realize “The 2030 Agenda for Sustainable Development” by the United Nations: Implications for Radiation Therapy Infrastructure in Low- and Middle-Income Countries. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 105, 918-933.	0.8	19
11	A Pilot Study of Radiotherapy and Local Hyperthermia in Elderly Patients With Muscle-Invasive Bladder Cancers Unfit for Definitive Surgery or Chemoradiotherapy. <i>Frontiers in Oncology</i> , 2019, 9, 889.	2.8	12
12	Hyperthermia with radiotherapy reduces tumour alpha/beta: Insights from trials of thermoradiotherapy vs radiotherapy alone. <i>Radiotherapy and Oncology</i> , 2019, 138, 1-8.	0.6	15
13	Radiotherapy for Melanoma: More than DNA Damage. <i>Dermatology Research and Practice</i> , 2019, 2019, 1-9.	0.8	18
14	Efficacy and Safety Evaluation of the Various Therapeutic Options in Locally Advanced Cervix Cancer: A Systematic Review and Network Meta-Analysis of Randomized Clinical Trials. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 103, 411-437.	0.8	54
15	An in silico comparative dosimetric study of postmastectomy locoregional irradiation using intensity-modulated vs 3-dimensional conventional radiotherapy. <i>Medical Dosimetry</i> , 2018, 43, 370-376.	0.9	2
16	Clinical estimation of $\alpha/\beta$ values for prostate cancer from isoeffective phase III randomized trials with moderately hypofractionated radiotherapy. <i>Acta Oncologica</i> , 2018, 57, 883-894.	1.8	19
17	Concurrent chemoradiotherapy vs . radiotherapy alone in locally advanced cervix cancer: A systematic review and meta-analysis. <i>Gynecologic Oncology</i> , 2017, 145, 374-385.	1.4	94
18	Molecular radiation biology/oncology and its impact on preclinical and clinical research in radiotherapy. <i>Radiotherapy and Oncology</i> , 2017, 124, 339-343.	0.6	1

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19	Conventional Versus Hypofractionated Radiation Therapy for Localized or Locally Advanced Prostate Cancer: A Systematic Review and Meta-analysis along with Therapeutic Implications. International Journal of Radiation Oncology Biology Physics, 2017, 99, 573-589.	0.8	60
20	HEATPAC- a phase II randomized study of concurrent thermochemoradiotherapy versus chemoradiotherapy alone in locally advanced pancreatic cancer. Radiation Oncology, 2017, 12, 183.	2.7	20
21	Hyperthermia and radiotherapy in bladder cancer. International Journal of Hyperthermia, 2016, 32, 398-406.	2.5	15
22	Magnetic nanoparticle-induced hyperthermia with appropriate payloads: Paul Ehrlich's "magic (nano)bullet" for cancer theranostics?. Cancer Treatment Reviews, 2016, 50, 217-227.	7.7	79
23	Hyperthermia and radiotherapy with or without chemotherapy in locally advanced cervical cancer: a systematic review with conventional and network meta-analyses. International Journal of Hyperthermia, 2016, 32, 809-821.	2.5	76
24	Radiotherapy infrastructure and human resources in Switzerland. Strahlentherapie Und Onkologie, 2016, 192, 599-608.	2.0	7
25	A Roadmap and Cost Implications of Establishing Comprehensive Cancer Care Using a Teleradiotherapy Network in a Group of Sub-Saharan African Countries With No Access to Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2016, 95, 1334-1343.	0.8	13
26	Is hyperthermia combined with radiotherapy adequate in elderly patients with muscle-invasive bladder cancers? Thermo-radiobiological implications from an audit of initial results. International Journal of Hyperthermia, 2016, 32, 390-397.	2.5	8
27	Brain abscess mimicking brain metastasis in breast cancer. Journal of the Egyptian National Cancer Institute, 2016, 28, 59-61.	1.5	4
28	Hyperthermia and Radiation Therapy in Locoregional Recurrent Breast Cancers: A Systematic Review and Meta-analysis. International Journal of Radiation Oncology Biology Physics, 2016, 94, 1073-1087.	0.8	168
29	Hyperthermia and radiotherapy in the management of head and neck cancers: A systematic review and meta-analysis. International Journal of Hyperthermia, 2016, 32, 31-40.	2.5	106
30	Proton Irradiation with Hyperthermia in Unresectable Soft Tissue Sarcoma. International Journal of Particle Therapy, 2016, 3, 327-336.	1.8	14
31	Teleradiotherapy Network: Applications and Feasibility for Providing Cost-Effective Comprehensive Radiotherapy Care in Low- and Middle-Income Group Countries for Cancer Patients. Telemedicine Journal and E-Health, 2015, 21, 523-532.	2.8	19
32	Local hyperthermia combined with radiotherapy and/or chemotherapy: Recent advances and promises for the future. Cancer Treatment Reviews, 2015, 41, 742-753.	7.7	414
33	Enhanced tumour regression in a patient of liposarcoma treated with radiotherapy and hyperthermia: Hint for dynamic immunomodulation by hyperthermia. International Journal of Hyperthermia, 2015, 31, 574-577.	2.5	13
34	Hyperthermia and reirradiation for locoregional recurrences in preirradiated breast cancers: a single institutional experience. Swiss Medical Weekly, 2015, 145, w14133.	1.6	10
35	Human papillomavirus confers radiosensitivity in cancer cervix: a hypothesis toward a possible restoration of apoptotic pathways based on clinical outcomes. Future Oncology, 2015, 11, 1363-1371.	2.4	13
36	Are State-Sponsored New Radiation Therapy Facilities Economically Viable in Low- and Middle-Income Countries?. International Journal of Radiation Oncology Biology Physics, 2015, 93, 229-240.	0.8	9

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37	Brachytherapy in cancer cervix: Time to move ahead from point A?. World Journal of Clinical Oncology, 2014, 5, 764.	2.3	14
38	Could hyperthermia with proton therapy mimic carbon ion therapy? Exploring a thermo-radiobiological rationale. International Journal of Hyperthermia, 2014, 30, 524-530.	2.5	21
39	Radiotherapy infrastructure and human resources in Europe – Present status and its implications for 2020. European Journal of Cancer, 2014, 50, 2735-2743.	2.8	33
40	In Reply to Sharma et al. International Journal of Radiation Oncology Biology Physics, 2014, 90, 971-972.	0.8	7
41	Radiation Therapy Infrastructure and Human Resources in Low- and Middle-Income Countries: Present Status and Projections for 2020. International Journal of Radiation Oncology Biology Physics, 2014, 89, 448-457.	0.8	181
42	Oral tuberculosis following successful treatment of oral malignancy. Journal of Cancer Research and Therapeutics, 2012, 8, 650.	0.9	2
43	Coordinating care and treatment for cancer patients. Asian Pacific Journal of Cancer Prevention, 2012, 13, 23-36.	1.2	4
44	Chordoma with increased prolactin levels (pseudoprolactinoma) mimicking pituitary adenoma: A case report with review of the literature. Journal of Cancer Research and Therapeutics, 2009, 5, 309.	0.9	5
45	Epitrochlear lymph node metastases from invasive ductal breast cancer. Journal of Cancer Research and Therapeutics, 2009, 5, 203.	0.9	2
46	Implications of contrast-enhanced CT-based and MRI-based target volume delineations in radiotherapy treatment planning for brain tumors. Journal of Cancer Research and Therapeutics, 2008, 4, 9.	0.9	27
47	MALIGNANT PERIPHERAL NERVE SHEATH TUMOR OF THE OCCIPITAL REGION. Neurosurgery, 2007, 61, E1334-E1335.	1.1	12
48	Role of Radiotherapy in a Recurrent Aneurysmal Bone Cyst of the Temporal Bone: Case Report. Neurosurgery, 2006, 58, E584-E584.	1.1	18
49	Comparative assessment of doses to tumor, rectum, and bladder as evaluated by orthogonal radiographs vs. computer enhanced computed tomography-based intracavitary brachytherapy in cervical cancer. Brachytherapy, 2006, 5, 223-229.	0.5	46
50	Does the Evidence Support the Use of Concurrent Chemoradiotherapy as a Standard in the Management of Locally Advanced Cancer of the Cervix, Especially in Developing countries?. Clinical Oncology, 2006, 18, 306-312.	1.4	15
51	Does pretreatment human papillomavirus (HPV) titers predict radiation response and survival outcomes in cancer cervix? – A pilot study. Gynecologic Oncology, 2006, 103, 100-105.	1.4	33
52	4 lines to 4 dimensions: The challenges ahead. Journal of Cancer Research and Therapeutics, 2006, 2, 32.	0.9	0
53	From “points” to “profiles” in intracavitary brachytherapy of cervical cancer. Current Opinion in Obstetrics and Gynecology, 2005, 17, 35-41.	2.0	6
54	An Audit of Postoperative Radiotherapy after Non-curative Resection for Cancer of the Oesophagus. Clinical Oncology, 2005, 17, 352-357.	1.4	1

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55	Radiation therapy induced micronuclei in cervical cancer—does it have a predictive value for local disease control?. <i>Gynecologic Oncology</i> , 2005, 97, 764-771.	1.4	14
56	Variations in clinical estimates of tumor volume regression parameters and time factor during external radiotherapy in cancer cervix: Does it mimic the linear-quadratic model of cell survival?. <i>Indian Journal of Cancer</i> , 2005, 42, 70.	0.2	5
57	Chemo-reirradiation in Persistent/Recurrent Head and Neck Cancers. <i>Japanese Journal of Clinical Oncology</i> , 2004, 34, 61-68.	1.3	33
58	Comparative evaluation of 201 Tl SPECT and CT in the follow-up of irradiated brain tumors. <i>International Journal of Clinical Oncology</i> , 2004, 9, 51-58.	2.2	11
59	Malignant melanoma of pleura in a patient with giant congenital ?bathing suit? hairy nevus. <i>International Journal of Clinical Oncology</i> , 2004, 9, 410-412.	2.2	10
60	A graphical user interface for automatic image registration software designed for radiotherapy treatment planning. <i>Medical Dosimetry</i> , 2004, 29, 239-246.	0.9	7
61	Radiation Therapy for Leukaemic Involvement of Maxillary Sinus in Chronic Lymphatic Leukaemia. <i>Clinical Oncology</i> , 2004, 16, 156.	1.4	0
62	Problems and Uncertainties with Multiple Point A's During Multiple High-dose-rate Intracavitary Brachytherapy in Carcinoma of the Cervix. <i>Clinical Oncology</i> , 2004, 16, 129-137.	1.4	7
63	Predictors of survival end points in patients with cancer of the cervix on long-term follow-up: inferences and implications from an audit of patients treated with a specific radiotherapy protocol. <i>Clinical Oncology</i> , 2004, 16, 536-542.	1.4	7
64	Postoperative residual tumour imaged by contrast-enhanced computed tomography and 201Tl single photon emission tomography: can they predict progression-free survival in high-grade gliomas?. <i>Clinical Oncology</i> , 2004, 16, 494-500.	1.4	7
65	Distant cutaneous metastasis after laparoscopic cholecystectomy in a case of unsuspected gallbladder cancer. <i>Clinical Oncology</i> , 2004, 16, 502-503.	1.4	4
66	Improvement of radiotherapy facilities in developing countries: a three-tier system with a teleradiotherapy network. <i>Lancet Oncology</i> , The, 2004, 5, 695-698.	10.7	28
67	Tumor regression dynamics with external radiotherapy in cancer cervix and its implications. <i>Indian Journal of Cancer</i> , 2004, 41, 18-24.	0.2	1
68	Correspondence. <i>Clinical Oncology</i> , 2003, 15, 85-86.	1.4	7
69	Loco-regional failures in head and neck cancer: can they be effectively salvaged by nonsurgical therapeutic modalities?. <i>International Journal of Clinical Oncology</i> , 2003, 8, 31-39.	2.2	10
70	Problems in reporting doses and volumes during multiple high-dose-rate intracavitary brachytherapy for carcinoma cervix as per ICRU Report 38: a comparative study using flexible and rigid applicators. <i>Gynecologic Oncology</i> , 2003, 91, 285-292.	1.4	17
71	Spontaneous expulsion of a mediastinal lymph node in carcinoma of the esophagus. <i>Ecological Management and Restoration</i> , 2003, 16, 44-46.	0.4	0
72	Primary Chondroid Chordoma of the Petrous Part of the Temporal Bone. <i>Clinical Oncology</i> , 2003, 15, 365-366.	1.4	6

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73	Total reference air kerma: To what extent can it predict intracavitary volume enclosed by isodose surfaces during multiple high-dose rate brachytherapy?. <i>Brachytherapy</i> , 2003, 2, 91-97.	0.5	10
74	Multimodality image fusion in dose escalation studies of brain tumors. <i>Journal of Applied Clinical Medical Physics</i> , 2003, 4, 8.	1.9	9
75	Summated chemotherapy dose-intensity versus loco-regional response in locally advanced breast cancer: its possible implications. <i>Indian Journal of Cancer</i> , 2003, 40, 127-34.	0.2	0
76	Safety and Efficacy of Concurrent Cisplatin and Radiotherapy in Inoperable or Metastatic Squamous Cell Esophageal Cancer. <i>Acta Oncologica</i> , 2002, 41, 457-462.	1.8	6
77	Electron beam therapy at extended SSDs: an analysis of output correction factors for a Mitsubishi linear accelerator. <i>Physics in Medicine and Biology</i> , 2002, 47, 3301-3311.	3.0	5
78	Anaphylaxis to cisplatin following nine previous uncomplicated cycles. <i>International Journal of Clinical Oncology</i> , 2002, 7, 365-367.	2.2	25
79	Variations of intracavitary applicator geometry during multiple HDR brachytherapy insertions in carcinoma cervix and its influence on reporting as per ICRU report 38. <i>Radiotherapy and Oncology</i> , 2001, 60, 15-24.	0.6	52
80	Squamous cell carcinoma arising from a congenital duplication cyst of the esophagus in a young adult. <i>Ecological Management and Restoration</i> , 2001, 14, 258-261.	0.4	47
81	Carcinoma of the Penis Metastasizing to the Dorsal Spine. <i>Urologia Internationalis</i> , 1999, 62, 249-251.	1.3	11
82	A non-randomized comparison of two radiotherapy protocols in inoperable squamous cell carcinoma of the oesophagus. <i>Clinical Oncology</i> , 1998, 10, 306-312.	1.4	6
83	Feasibility of Non-Cisplatin-Based Induction Chemotherapy and Concurrent Chemoradiotherapy in Advanced Head and Neck Cancer. <i>Acta Oncologica</i> , 1996, 35, 721-725.	1.8	11
84	Urinary Tract Infection in Patients of Gynecological Malignancies Undergoing External Pelvic Radiotherapy. <i>Gynecologic Oncology</i> , 1995, 57, 380-382.	1.4	18
85	Single-dose and fractionated palliative radiotherapy for bone metastases. <i>European Journal of Cancer</i> , 1994, 30, 131.	2.8	4
86	Head and neck cancers: Results of thermoradiotherapy versus radiotherapy. <i>International Journal of Hyperthermia</i> , 1990, 6, 479-486.	2.5	128