

# Niloy Ranjan Datta

## List of Publications by Year in descending order

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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	Local hyperthermia combined with radiotherapy and/or chemotherapy: Recent advances and promises for the future. <i>Cancer Treatment Reviews</i> , 2015, 41, 742-753.	7.7	414
2	Radiation Therapy Infrastructure and Human Resources in Low- and Middle-Income Countries: Present Status and Projections for 2020. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 89, 448-457.	0.8	181
3	Hyperthermia and Radiation Therapy in Locoregional Recurrent Breast Cancers: A Systematic Review and Meta-analysis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 94, 1073-1087.	0.8	168
4	Head and neck cancers: Results of thermoradiotherapy versus radiotherapy. <i>International Journal of Hyperthermia</i> , 1990, 6, 479-486.	2.5	128
5	Hyperthermia and radiotherapy in the management of head and neck cancers: A systematic review and meta-analysis. <i>International Journal of Hyperthermia</i> , 2016, 32, 31-40.	2.5	106
6	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
7	Magnetic nanoparticle-induced hyperthermia with appropriate payloads: Paul Ehrlich's "magic (nano)bullet" for cancer theranostics?. <i>Cancer Treatment Reviews</i> , 2016, 50, 217-227.	7.7	79
8	Hyperthermia and radiotherapy with or without chemotherapy in locally advanced cervical cancer: a systematic review with conventional and network meta-analyses. <i>International Journal of Hyperthermia</i> , 2016, 32, 809-821.	2.5	76
9	Conventional Versus Hypofractionated Radiation Therapy for Localized or Locally Advanced Prostate Cancer: A Systematic Review and Meta-analysis along with Therapeutic Implications. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, 573-589.	0.8	60
10	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
11	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
12	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
13	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. <i>Brachytherapy</i> , 2006, 5, 223-229.	0.5	46
14	Integrating Loco-Regional Hyperthermia Into the Current Oncology Practice: SWOT and TOWS Analyses. <i>Frontiers in Oncology</i> , 2020, 10, 819.	2.8	46
15	Chemo-reirradiation in Persistent/Recurrent Head and Neck Cancers. <i>Japanese Journal of Clinical Oncology</i> , 2004, 34, 61-68.	1.3	33
16	Does pretreatment human papillomavirus (HPV) titers predict radiation response and survival outcomes in cancer cervix? A pilot study. <i>Gynecologic Oncology</i> , 2006, 103, 100-105.	1.4	33
17	Radiotherapy infrastructure and human resources in Europe " Present status and its implications for 2020. <i>European Journal of Cancer</i> , 2014, 50, 2735-2743.	2.8	33
18	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

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19	Implications of contrast-enhanced CT-based and MRI-based target volume delineations in radiotherapy treatment planning for brain tumors. <i>Journal of Cancer Research and Therapeutics</i> , 2008, 4, 9.	0.9	27
20	Anaphylaxis to cisplatin following nine previous uncomplicated cycles. <i>International Journal of Clinical Oncology</i> , 2002, 7, 365-367.	2.2	25
21	Could hyperthermia with proton therapy mimic carbon ion therapy? Exploring a thermo-radiobiological rationale. <i>International Journal of Hyperthermia</i> , 2014, 30, 524-530.	2.5	21
22	HEATPAC - a phase II randomized study of concurrent thermochemoradiotherapy versus chemoradiotherapy alone in locally advanced pancreatic cancer. <i>Radiation Oncology</i> , 2017, 12, 183.	2.7	20
23	Teleradiotherapy Network: Applications and Feasibility for Providing Cost-Effective Comprehensive Radiotherapy Care in Low- and Middle-Income Group Countries for Cancer Patients. <i>Telemedicine Journal and E-Health</i> , 2015, 21, 523-532.	2.8	19
24	Clinical estimation of $\hat{\mu}/\hat{\sigma}^2$ 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
25	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
26	Urinary Tract Infection in Patients of Gynecological Malignancies Undergoing External Pelvic Radiotherapy. <i>Gynecologic Oncology</i> , 1995, 57, 380-382.	1.4	18
27	Role of Radiotherapy in a Recurrent Aneurysmal Bone Cyst of the Temporal Bone: Case Report. <i>Neurosurgery</i> , 2006, 58, E584-E584.	1.1	18
28	Radiotherapy for Melanoma: More than DNA Damage. <i>Dermatology Research and Practice</i> , 2019, 2019, 1-9.	0.8	18
29	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
30	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?. <i>Clinical Oncology</i> , 2006, 18, 306-312.	1.4	15
31	Hyperthermia and radiotherapy in bladder cancer. <i>International Journal of Hyperthermia</i> , 2016, 32, 398-406.	2.5	15
32	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
33	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
34	Brachytherapy in cancer cervix: Time to move ahead from point A?. <i>World Journal of Clinical Oncology</i> , 2014, 5, 764.	2.3	14
35	Treatment planning facilitates clinical decision making for hyperthermia treatments. <i>International Journal of Hyperthermia</i> , 2021, 38, 532-551.	2.5	14
36	Proton Irradiation with Hyperthermia in Unresectable Soft Tissue Sarcoma. <i>International Journal of Particle Therapy</i> , 2016, 3, 327-336.	1.8	14

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37	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
38	Enhanced tumour regression in a patient of liposarcoma treated with radiotherapy and hyperthermia: Hint for dynamic immunomodulation by hyperthermia. <i>International Journal of Hyperthermia</i> , 2015, 31, 574-577.	2.5	13
39	Human papillomavirus confers radiosensitivity in cancer cervix: a hypothesis toward a possible restoration of apoptotic pathways based on clinical outcomes. <i>Future Oncology</i> , 2015, 11, 1363-1371.	2.4	13
40	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. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 1334-1343.	0.8	13
41	MALIGNANT PERIPHERAL NERVE SHEATH TUMOR OF THE OCCIPITAL REGION. <i>Neurosurgery</i> , 2007, 61, E1334-E1335.	1.1	12
42	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
43	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
44	Carcinoma of the Penis Metastasizing to the Dorsal Spine. <i>Urologia Internationalis</i> , 1999, 62, 249-251.	1.3	11
45	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
46	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
47	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
48	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
49	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
50	Hyperthermia and reirradiation for locoregional recurrences in preirradiated breast cancers: a single institutional experience. <i>Swiss Medical Weekly</i> , 2015, 145, w14133.	1.6	10
51	Are State-Sponsored New Radiation Therapy Facilities Economically Viable in Low- and Middle-Income Countries?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 93, 229-240.	0.8	9
52	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
53	Multimodality image fusion in dose escalation studies of brain tumors. <i>Journal of Applied Clinical Medical Physics</i> , 2003, 4, 8.	1.9	9
54	Is hyperthermia combined with radiotherapy adequate in elderly patients with muscle-invasive bladder cancers? Thermo-radiobiological implications from an audit of initial results. <i>International Journal of Hyperthermia</i> , 2016, 32, 390-397.	2.5	8

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55	Correspondence. <i>Clinical Oncology</i> , 2003, 15, 85-86.	1.4	7
56	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
57	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
58	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
59	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
60	In Reply to Sharma etÂal. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, 971-972.	0.8	7
61	Radiotherapy infrastructure and human resources in Switzerland. <i>Strahlentherapie Und Onkologie</i> , 2016, 192, 599-608.	2.0	7
62	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
63	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
64	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
65	Safety and Efficacy of Concurrent Cisplatin and Radiotherapy in Inoperable or Metastatic Squamous Cell Esophageal Cancer. <i>Acta Oncol<sup>3</sup>gica</i> , 2002, 41, 457-462.	1.8	6
66	Primary Chondroid Chordoma of the Petrous Part of the Temporal Bone. <i>Clinical Oncology</i> , 2003, 15, 365-366.	1.4	6
67	From â€pointsâ€™™ to â€profilesâ€™™ in intracavitary brachytherapy of cervical cancer. <i>Current Opinion in Obstetrics and Gynecology</i> , 2005, 17, 35-41.	2.0	6
68	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
69	Chordoma with increased prolactin levels (pseudoprolactinoma) mimicking pituitary adenoma: A case report with review of the literature. <i>Journal of Cancer Research and Therapeutics</i> , 2009, 5, 309.	0.9	5
70	Strategies to Maximize Available Resources With Minimum Cost Escalation for Improving Radiation Therapy Accessibility in the Postâ€Coronavirus Disease 2019 Era: An Analysis for Asia. <i>Advances in Radiation Oncology</i> , 2021, 6, 100565.	1.2	5
71	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
72	Single-dose and fractionated palliative radiotherapy for bone metastases. <i>European Journal of Cancer</i> , 1994, 30, 131.	2.8	4

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73	Distant cutaneous metastasis after laparoscopic cholecystectomy in a case of unsuspected gallbladder cancer. <i>Clinical Oncology</i> , 2004, 16, 502-503.	1.4	4
74	Brain abscess mimicking brain metastasis in breast cancer. <i>Journal of the Egyptian National Cancer Institute</i> , 2016, 28, 59-61.	1.5	4
75	Coordinating care and treatment for cancer patients. <i>Asian Pacific Journal of Cancer Prevention</i> , 2012, 13, 23-36.	1.2	4
76	Oral tuberculosis following successful treatment of oral malignancy. <i>Journal of Cancer Research and Therapeutics</i> , 2012, 8, 650.	0.9	2
77	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
78	Epitrochlear lymph node metastases from invasive ductal breast cancer. <i>Journal of Cancer Research and Therapeutics</i> , 2009, 5, 203.	0.9	2
79	An Audit of Postoperative Radiotherapy after Non-curative Resection for Cancer of the Oesophagus. <i>Clinical Oncology</i> , 2005, 17, 352-357.	1.4	1
80	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
81	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
82	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
83	Radiation Therapy for Leukaemic Involvement of Maxillary Sinus in Chronic Lymphatic Leukaemia. <i>Clinical Oncology</i> , 2004, 16, 156.	1.4	0
84	In Reply to Roussakow. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 109, 642-644.	0.8	0
85	4 lines to 4 dimensions: The challenges ahead. <i>Journal of Cancer Research and Therapeutics</i> , 2006, 2, 32.	0.9	0
86	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