

# Nilendu Gupta

## List of Publications by Year in descending order

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49  
papers

1,695  
citations

304368

22  
h-index

276539

41  
g-index

51  
all docs

51  
docs citations

51  
times ranked

1822  
citing authors

#	ARTICLE	IF	CITATIONS
1	The American Brachytherapy Society recommendations for high-dose-rate brachytherapy for carcinoma of the endometrium. <i>International Journal of Radiation Oncology Biology Physics</i> , 2000, 48, 779-790.	0.4	187
2	Boron Neutron Capture Therapy of Brain Tumors: An Emerging Therapeutic Modality. <i>Neurosurgery</i> , 1999, 44, 433-450.	0.6	158
3	A simple method of obtaining equivalent doses for use in HDR brachytherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2000, 46, 507-513.	0.4	148
4	Cross-sectional Nodal Atlas: A Tool for the Definition of Clinical Target Volumes in Three-dimensional Radiation Therapy Planning. <i>Radiology</i> , 1999, 211, 815-828.	3.6	128
5	The American Brachytherapy Society recommendations for low-dose-rate brachytherapy for carcinoma of the cervix. <i>International Journal of Radiation Oncology Biology Physics</i> , 2002, 52, 33-48.	0.4	117
6	Predicting Outcomes in Cervical Cancer: A Kinetic Model of Tumor Regression during Radiation Therapy. <i>Cancer Research</i> , 2010, 70, 463-470.	0.4	98
7	Experimental treatment of Epstein-Barr virus-associated primary central nervous system lymphoma. <i>Cancer Research</i> , 2003, 63, 965-71.	0.4	70
8	In vivo imaging of changes in tumor oxygenation during growth and after treatment. <i>Magnetic Resonance in Medicine</i> , 2007, 57, 950-959.	1.9	57
9	Combination of boron neutron capture therapy and external beam radiotherapy for brain tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2004, 58, 267-277.	0.4	51
10	Boron Neutron Capture Therapy of Brain Tumors: Biodistribution, Pharmacokinetics, and Radiation Dosimetry of Sodium Borocaptate in Patients with Gliomas. <i>Neurosurgery</i> , 2000, 47, 608-622.	0.6	49
11	Commissioning and comprehensive evaluation of the ArcCHECK cylindrical diode array for VMAT pretreatment delivery QA. <i>Journal of Applied Clinical Medical Physics</i> , 2014, 15, 212-225.	0.8	48
12	Gamma Knife radiosurgery for intracranial metastatic melanoma: an analysis of survival and prognostic factors. <i>Journal of Neuro-Oncology</i> , 2005, 71, 307-313.	1.4	43
13	Stereotactic Radiosurgery With or Without Whole Brain Radiotherapy for Patients With a Single Radioresistant Brain Metastasis. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2010, 33, 70-74.	0.6	42
14	Convection enhanced delivery of carboplatin in combination with radiotherapy for the treatment of brain tumors. <i>Journal of Neuro-Oncology</i> , 2011, 101, 379-390.	1.4	41
15	Boron Neutron Capture Therapy of Brain Tumors: Biodistribution, Pharmacokinetics, and Radiation Dosimetry of Sodium Borocaptate in Patients with Gliomas. <i>Neurosurgery</i> , 2000, 47, 608-622.	0.6	39
16	NRG Oncology/NSABP B-51/RTOG 1304: Phase III trial to determine if chest wall and regional nodal radiotherapy (CWRNRT) post mastectomy (Mx) or the addition of RNRT to whole breast RT post breast-conserving surgery (BCS) reduces invasive breast cancer recurrence-free interval (IBCR-FI) in patients (pts) with pathologically positive axillary (PPAx) nodes who are ypNO after neoadjuvant chemotherapy (NC).. <i>Journal of Clinical Oncology</i> , 2019, 37, TPS600-TPS600.	0.8	38
17	Fractionated Grid Therapy in Treating Cervical Cancers: Conventional Fractionation or Hypofractionation?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008, 70, 280-288.	0.4	33
18	Effects of seed migration on post-implant dosimetry of prostate brachytherapy. <i>Medical Physics</i> , 2007, 34, 471-480.	1.6	32

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19	NSABP B-51/RTOG 1304: Randomized phase III clinical trial evaluating the role of postmastectomy chest wall and regional nodal XRT (CWRNRT) and post-lumpectomy RNRT in patients (pts) with documented positive axillary (Ax) nodes before neoadjuvant chemotherapy (NC) who convert to pathologically negative Ax nodes after NC.. <i>Journal of Clinical Oncology</i> , 2014, 32, TPS1141-TPS1141.	0.8	31
20	Comparison of Real-Time Intraoperative Ultrasound-Based Dosimetry With Postoperative Computed Tomography-Based Dosimetry for Prostate Brachytherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008, 70, 311-317.	0.4	27
21	Radiation therapy combined with intracerebral administration of carboplatin for the treatment of brain tumors. <i>Radiation Oncology</i> , 2014, 9, 25.	1.2	26
22	Effect of edema, relative biological effectiveness, and dose heterogeneity on prostate	1.6	23
23	Hypofractionation Regimens for Stereotactic Radiotherapy for Large Brain Tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008, 72, 390-397.	0.4	23
24	Stereotactic radiosurgery alone for patients with 1â€“4 radioresistant brain metastases. <i>Medical Oncology</i> , 2011, 28, 439-444.	1.2	21
25	Dose prescription in boron neutron capture therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 1994, 28, 1157-1166.	0.4	16
26	Simplified non-looping functional loop technique for HDR brachytherapy. <i>Radiotherapy and Oncology</i> , 1998, 48, 339-341.	0.3	15
27	Absorbed dose estimates to structures of the brain and head using a high-resolution voxel-based head phantom. <i>Medical Physics</i> , 2001, 28, 780-786.	1.6	15
28	Development and Application of Neutron Field Optimization Parameters for an Accelerator-Based Neutron Source for Boron Neutron Capture Therapy. <i>Nuclear Technology</i> , 1996, 115, 100-113.	0.7	14
29	A comparison of neutron beams for BNCT based on in-phantom neutron field assessment parameters. <i>Medical Physics</i> , 2001, 28, 184-193.	1.6	12
30	Using NanoDot dosimetry to study the RS 2000 X-ray Biological Irradiator. <i>International Journal of Radiation Biology</i> , 2013, 89, 1094-1099.	1.0	12
31	Comparison of intracerebral delivery of carboplatin and photon irradiation with an optimized regimen for boron neutron capture therapy of the F98 rat glioma. <i>Applied Radiation and Isotopes</i> , 2011, 69, 1813-1816.	0.7	9
32	Unique In Vitro and In Vivo Thrombopoietic Activities of Ingenol 3,20 Dibenzoate, A Ca <sup>++</sup> -Independent Protein Kinase C Isoform Agonist. <i>PLoS ONE</i> , 2012, 7, e51059.	1.1	9
33	Clinical practice workflow in Radiation Oncology should be highly standardized. <i>Journal of Applied Clinical Medical Physics</i> , 2019, 20, 6-9.	0.8	9
34	NRG Oncology/NSABP B-51/RTOG 1304: Phase III trial to determine if chest wall and regional nodal radiotherapy (CWRNRT) post mastectomy (Mx) or the addition of RNRT to breast RT post breast-conserving surgery (BCS) reduces invasive breast cancer recurrence free interval (IBCRFI) in patients (pts) with positive axillary (PAx) nodes who are ypNO after neoadjuvant chemotherapy (NC).. <i>Journal of Clinical Oncology</i> , 2017, 35, TPS589-TPS589.	0.8	9
35	Likelihood of unacceptable normal tissue doses in breast cancer patients undergoing regional nodal irradiation in routine clinical practice. <i>Practical Radiation Oncology</i> , 2017, 7, 154-160.	1.1	8
36	Quality assurance for a six degrees of freedom table using a 3D printed phantom. <i>Journal of Applied Clinical Medical Physics</i> , 2018, 19, 115-124.	0.8	8

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37	Prospective dual-surrogate validation study of periodic imaging during treatment for accurately monitoring intrafraction motion of prostate cancer patients. <i>Radiotherapy and Oncology</i> , 2021, 157, 40-46.	0.3	7
38	Evaluation of Moderator Assemblies for Use in an Accelerator-Based Neutron Source for Boron Neutron Capture Therapy. <i>Nuclear Technology</i> , 1998, 123, 320-334.	0.7	6
39	NRG Oncology/NSABP B-51/RTOG 1304: Phase III trial to determine if chest wall and regional nodal radiotherapy (CWRNRT) post mastectomy (Mx) or the addition of RNRT to breast RT post breast-conserving surgery (BCS) reduces invasive breast cancer recurrence-free interval (IBCR-FI) in patients (pts) with positive axillary (PAx) nodes who are ypN0 after neoadjuvant chemotherapy (NC).. <i>Journal of Clinical Oncology</i> , 2018, 36, TPS601-TPS601.	0.8	4
40	Treating Cutaneous T-Cell Lymphoma with Highly Irregular Surfaces with Photon Irradiation Using Rice as Tissue Compensator. <i>Frontiers in Oncology</i> , 2015, 5, 49.	1.3	3
41	DEVELOPMENT AND CALCULATION OF AN ENERGY DEPENDENT NORMAL BRAIN TISSUE NEUTRON RBE FOR EVALUATING NEUTRON FIELDS FOR BNCT. <i>Health Physics</i> , 2001, 80, 583-589.	0.3	2
42	Validating $k_{Q} = 1.0$ assumption in TG51 with PTW 30013 farmer chamber for Varian TrueBeam's 2.5 MV imaging beam. <i>Journal of Applied Clinical Medical Physics</i> , 2018, 19, 351-354.	0.8	2
43	Her2-enriched breast cancer brain metastases exhibit resistance to Gamma Knife radiosurgery: findings from a single institutional series review. <i>Journal of Radiation Oncology</i> , 2012, 1, 283-290.	0.7	1
44	NRG Oncology/NSABP B-51/RTOG 1304: Phase III trial to determine if chest wall and regional nodal radiotherapy (CWRNRT) post mastectomy (Mx) or the addition of RNRT to breast RT post breast-conserving surgery (BCS) will reduce invasive cancer events in patients (pts) with positive axillary (Ax) nodes who are ypN0 after neoadjuvant chemotherapy (NC).. <i>Journal of Clinical Oncology</i> , 2015, 33, TPS11112-TPS11112.	0.8	1
45	Absorbed Dose Estimates with a High Resolution Voxel-Based Head Phantom. , 2001, , 687-692.		1
46	Rates of unacceptable variation (UV) of normal tissue constraints in patients undergoing chest wall/breast and regional nodal irradiation (RNI) in a routine clinical practice.. <i>Journal of Clinical Oncology</i> , 2015, 33, 67-67.	0.8	1
47	Use of Neuroimaging for Radiation Therapy Planning. , 2016, , 231-241.		0
48	Abstract OT1-3-02: Will chest wall and regional nodal radiotherapy post mastectomy or the addition of regional nodal radiotherapy to breast radiotherapy post lumpectomy reduce the rate of invasive cancer events in patients with positive axillary nodes who convert to ypN0 af. , 2015, , .		0
49	NRG Oncology/NSABP B-51/RTOG 1304: Phase III trial to determine if chest wall and regional nodal radiotherapy (CWRNRT) post mastectomy (Mx) or the addition of RNRT to breast RT post breast-conserving surgery (BCS) reduces invasive breast cancer recurrence free interval (IBCRFI) in patients (pts) with positive axillary (PAx) nodes who are ypN0 after neoadjuvant chemotherapy (NC).. <i>Journal of Clinical Oncology</i> , 2016, 34, TPS1007-TPS1007.	0.8	0