

Fumiaki Isohashi

List of Publications by Year in descending order

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Version: 2024-02-01

93
papers

1,628
citations

257450

24
h-index

361022

35
g-index

93
all docs

93
docs citations

93
times ranked

2062
citing authors

#	ARTICLE	IF	CITATIONS
1	Poly (ADP-ribose) polymerase inhibitors sensitize cancer cells to hypofractionated radiotherapy through altered selection of DNA double-strand break repair pathways. <i>International Journal of Radiation Biology</i> , 2022, 98, 1222-1234.	1.8	1
2	High Dose Local Photon Irradiation Is Crucial in Anti-CTLA-4 Antibody Therapy to Enhance the Abscopal Response in a Murine Pancreatic Carcinoma Model. <i>Cancers</i> , 2022, 14, 2087.	3.7	3
3	Dosimetric feasibility of computed tomography-based image-guided brachytherapy in locally advanced cervical cancer: a Japanese prospective multi-institutional study. <i>Journal of Radiation Research</i> , 2021, 62, 502-510.	1.6	8
4	Dose rate in the highest irradiation area of the rectum correlates with late rectal complications in patients treated with high-dose-rate computed tomography-based image-guided brachytherapy for cervical cancer. <i>Journal of Radiation Research</i> , 2021, 62, 494-501.	1.6	1
5	Response Evaluation Criteria in Solid Tumors (RECIST) and PET Response Criteria in Solid Tumors (PERCIST) for response evaluation of the neck after chemoradiotherapy in head and neck squamous cell carcinoma. <i>Head and Neck</i> , 2021, 43, 1184-1193.	2.0	4
6	Dosimetric comparison between volumetric modulated arc therapy planning techniques for prostate cancer in the presence of intrafractional organ deformation. <i>Journal of Radiation Research</i> , 2021, 62, 309-318.	1.6	1
7	Correlation Between the Transient Elevation of Peripheral Eosinophil Count During Radiotherapy and Acute Diarrhea. <i>Cancer Diagnosis & Prognosis</i> , 2021, 1, 331-337.	0.7	1
8	Impact of a reduction in follow-up frequency on life expectancy in uterine cervical cancer patients. <i>International Journal of Clinical Oncology</i> , 2020, 25, 1170-1177.	2.2	4
9	Dummy-run for standardizing plan quality of intensity-modulated radiotherapy for postoperative uterine cervical cancer: Japan Clinical Oncology Group study (JCOG1402). <i>Radiation Oncology</i> , 2019, 14, 133.	2.7	8
10	Single-arm confirmatory trial of postoperative concurrent chemoradiotherapy using intensity modulated radiation therapy for patients with high-risk uterine cervical cancer: Japan Clinical Oncology Group study (JCOG1402). <i>Japanese Journal of Clinical Oncology</i> , 2019, 49, 881-885.	1.3	5
11	Feasibility of virtual starshot analysis providing submillimeter radiation isocenter accuracy: A long-term multi-institutional analysis. <i>Journal of Applied Clinical Medical Physics</i> , 2019, 20, 74-83.	1.9	4
12	A Prospective, Open-Label, Multicenter Phase 2 Trial of Neoadjuvant Therapy Using Full-Dose Gemcitabine and S-1 Concurrent with Radiation for Resectable Pancreatic Ductal Adenocarcinoma. <i>Annals of Surgical Oncology</i> , 2019, 26, 4498-4505.	1.5	34
13	Radiotherapy alone as a possible de-intensified treatment for human papillomavirus-related locally advanced oropharyngeal squamous cell carcinoma. <i>International Journal of Clinical Oncology</i> , 2019, 24, 640-648.	2.2	8
14	The heart's exposure to radiation increases the risk of cardiac toxicity after chemoradiotherapy for superficial esophageal cancer: a retrospective cohort study. <i>BMC Cancer</i> , 2019, 19, 195.	2.6	30
15	Radiotherapy for isolated recurrent epithelial ovarian cancer: A single institutional experience. <i>Journal of Obstetrics and Gynaecology Research</i> , 2019, 45, 1173-1182.	1.3	8
16	Comparison of gamma index based on dosimetric error and clinically relevant dose-volume index based on three-dimensional dose prediction in breast intensity-modulated radiation therapy. <i>Radiation Oncology</i> , 2019, 14, 36.	2.7	0
17	A multi-institutional observational study on the effects of three-dimensional radiotherapy and weekly 40-mg/m ² cisplatin on postoperative uterine cervical cancer patients with high-risk prognostic factors. <i>International Journal of Clinical Oncology</i> , 2019, 24, 575-582.	2.2	10
18	A 3-year follow-up study of radiotherapy using computed tomography-based image-guided brachytherapy for cervical cancer. <i>Journal of Radiation Research</i> , 2019, 60, 264-269.	1.6	13

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19	Impact of different Ir-192 source models on dose calculations in high-dose-rate brachytherapy. <i>Physics and Imaging in Radiation Oncology</i> , 2018, 7, 23-26.	2.9	2
20	Metabolic tumor volume of primary tumor predicts survival better than T classification in the larynx preservation approach. <i>Cancer Science</i> , 2017, 108, 2030-2038.	3.9	18
21	Predictors of distant relapse in patients with FIGO stage IIB-IVA cervical cancer treated with definitive radiotherapy. <i>Journal of Obstetrics and Gynaecology Research</i> , 2017, 43, 1743-1750.	1.3	8
22	Three-dimensional dose prediction and validation with the radiobiological gamma index based on a relative seriality model for head-and-neck IMRT. <i>Journal of Radiation Research</i> , 2017, 58, 701-709.	1.6	4
23	Chemoradiotherapy followed by consolidation chemotherapy involving paclitaxel and carboplatin and in FIGO stage IIIB/IVA cervical cancer patients. <i>Journal of Gynecologic Oncology</i> , 2017, 28, e15.	2.2	35
24	Curtailing patient-specific IMRT QA procedures from 2D dose error distribution. <i>Journal of Radiation Research</i> , 2016, 57, 258-264.	1.6	2
25	Characterization of <i>in vitro</i> radiosensitization in mammalian cells using biomathematical modelling: implications for hypofractionated radiotherapy with a combined modality approach. <i>British Journal of Radiology</i> , 2016, 89, 20150724.	2.2	1
26	Evaluation of the radiobiological gamma index with motion interplay in tangential IMRT breast treatment. <i>Journal of Radiation Research</i> , 2016, 57, 691-701.	1.6	3
27	Salvage high-dose-rate brachytherapy for isolated vaginal recurrence of endometrial cancer. <i>Brachytherapy</i> , 2016, 15, 812-816.	0.5	24
28	Chemoradiotherapy with weekly low-dose docetaxel and cisplatin concurrent with radiation for patients with locally advanced nasopharyngeal carcinoma, followed by adjuvant chemotherapy for selected patients. <i>Japanese Journal of Clinical Oncology</i> , 2016, 46, 903-910.	1.3	4
29	Dose-volume analysis of predictors for chronic gastrointestinal complications in patients with cervical cancer treated with postoperative concurrent chemotherapy and whole-pelvic radiation therapy. <i>Journal of Radiation Research</i> , 2016, 57, 668-676.	1.6	9
30	Phase II study of docetaxel, cisplatin, and concurrent radiation followed by platinum-based adjuvant chemotherapy for technically unresectable, locally advanced head and neck squamous cell carcinoma. <i>International Journal of Clinical Oncology</i> , 2016, 21, 1030-1037.	2.2	5
31	Predictors of Survival in Patients With FIGO Stage IVB Cervical Cancer. <i>International Journal of Gynecological Cancer</i> , 2016, 26, 528-533.	2.5	15
32	High-Dose-Rate Brachytherapy as Monotherapy for Intermediate- and High-Risk Prostate Cancer: Clinical Results for a Median 8-Year Follow-Up. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 94, 675-682.	0.8	72
33	A phase II study of postoperative concurrent carboplatin and paclitaxel combined with intensity-modulated pelvic radiotherapy followed by consolidation chemotherapy in surgically treated cervical cancer patients with positive pelvic lymph nodes. <i>Gynecologic Oncology</i> , 2016, 141, 240-246.	1.4	33
34	Proposed definition of the vaginal cuff and paracolpium clinical target volume in postoperative uterine cervical cancer. <i>Practical Radiation Oncology</i> , 2016, 6, 5-11.	2.1	10
35	Clinical outcomes of radiotherapy for esophageal cancer between 2004 and 2008: the second survey of the Japanese Radiation Oncology Study Group (JROSG). <i>International Journal of Clinical Oncology</i> , 2016, 21, 88-94.	2.2	13
36	Intensity-modulated radiation therapy versus three-dimensional conformal radiation therapy with concurrent nedaplatin-based chemotherapy after radical hysterectomy for uterine cervical cancer: comparison of outcomes, complications, and dose-volume histogram parameters. <i>Radiation Oncology</i> , 2015, 10, 180.	2.7	35

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37	Treatment outcomes using CyberKnife for brain metastases from lung cancer. <i>Journal of Radiation Research</i> , 2015, 56, 151-158.	1.6	26
38	Novel Radiobiological Gamma Index for Evaluation of 3-Dimensional Predicted Dose Distribution. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 92, 779-786.	0.8	24
39	Efficacy and safety of nedaplatin-based concurrent chemoradiotherapy for FIGO Stage IB2-IVA cervical cancer and its clinical prognostic factors. <i>Journal of Radiation Research</i> , 2015, 56, 305-314.	1.6	16
40	Estimation of the total rectal dose of radical external beam and intracavitary radiotherapy for uterine cervical cancer using the deformable image registration method. <i>Journal of Radiation Research</i> , 2015, 56, 546-552.	1.6	26
41	A surveillance study of intensity-modulated radiation therapy for postoperative cervical cancer in Japan. <i>Journal of Radiation Research</i> , 2015, 56, 735-741.	1.6	5
42	Prognostic Significance of Pretreatment Thrombocytosis in Cervical Cancer Patients Treated With Definitive Radiotherapy. <i>International Journal of Gynecological Cancer</i> , 2015, 25, 1656-1662.	2.5	11
43	Long-term results of intraoperative extracorporeal irradiation of autogenous bone grafts on primary bone and soft tissue malignancies. <i>Acta Oncologica</i> , 2015, 54, 138-141.	1.8	15
44	Phase 2 Study of Docetaxel, Cisplatin, and Concurrent Radiation for Technically Resectable Stage III-IV Squamous Cell Carcinoma of the Head and Neck. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 91, 934-941.	0.8	17
45	First two cases of primary carcinoma of the vagina successfully treated with concurrent weekly carboplatin plus paclitaxel, external beam radiotherapy and high-dose-rate interstitial brachytherapy: A case report and published work review. <i>Journal of Obstetrics and Gynaecology Research</i> , 2015, 41, 156-161.	1.3	3
46	Definitive radiotherapy for primary vaginal cancer: correlation between treatment patterns and recurrence rate. <i>Journal of Radiation Research</i> , 2015, 56, 346-353.	1.6	12
47	Correlation between patients' anatomical characteristics and interfractional internal prostate motion during intensity modulated radiation therapy for prostate cancer. <i>SpringerPlus</i> , 2015, 4, 579.	1.2	4
48	Optimization of leaf margins for lung stereotactic body radiotherapy using a flattening filter-free beam. <i>Medical Physics</i> , 2015, 42, 2125-2131.	3.0	7
49	Clinical outcome of retropharyngeal lymph node metastasis from head and neck squamous cell carcinoma. <i>Japanese Journal of Head and Neck Cancer</i> , 2015, 41, 452-457.	0.1	1
50	Postoperative External Irradiation of Patients with Primary Biliary Tract Cancer: A Multicenter Retrospective Study. <i>Anticancer Research</i> , 2015, 35, 6231-7.	1.1	3
51	Comparison of Acute and Subacute Genitourinary and Gastrointestinal Adverse Events of Radiotherapy for Prostate Cancer Using Intensity-modulated Radiation Therapy, Three-dimensional Conformal Radiation Therapy, Permanent Implant Brachytherapy and High-dose-rate Brachytherapy. <i>Tumori</i> , 2014, 100, 265-271.	1.1	5
52	Lymph node enlargement after definitive chemoradiotherapy for clinical stage I esophageal squamous cell carcinoma. <i>BMC Cancer</i> , 2014, 14, 706.	2.6	14
53	A phase I trial of combination therapy using gemcitabine and S-1 concurrent with full-dose radiation for resectable pancreatic cancer. <i>Cancer Chemotherapy and Pharmacology</i> , 2014, 73, 309-315.	2.3	25
54	Salvage high-dose-rate interstitial brachytherapy for locally recurrent rectal cancer: long-term follow-up results. <i>International Journal of Clinical Oncology</i> , 2014, 19, 312-318.	2.2	11

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55	Monotherapeutic high-dose-rate brachytherapy for prostate cancer: A dose reduction trial. <i>Radiotherapy and Oncology</i> , 2014, 110, 114-119.	0.6	16
56	Volumetric PET/CT parameters predict local response of head and neck squamous cell carcinoma to chemoradiotherapy. <i>Cancer Medicine</i> , 2014, 3, 1368-1376.	2.8	49
57	Impact of Intraluminal Brachytherapy on Survival Outcome for Radiation Therapy for Unresectable Biliary Tract Cancer: A Propensity-Score Matched-Pair Analysis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 89, 822-829.	0.8	26
58	Factors influencing survival outcome for radiotherapy for biliary tract cancer: A multicenter retrospective study. <i>Radiotherapy and Oncology</i> , 2014, 110, 546-552.	0.6	17
59	Impact of stereotactic body radiotherapy on colorectal cancer with distant metastases. <i>Oncology Reports</i> , 2014, 31, 795-799.	2.6	7
60	Reirradiation Using High-Dose-Rate Interstitial Brachytherapy for Locally Recurrent Cervical Cancer: A Single Institutional Experience. <i>International Journal of Gynecological Cancer</i> , 2014, 24, 141-148.	2.5	55
61	Comparison of acute and subacute genitourinary and gastrointestinal adverse events of radiotherapy for prostate cancer using intensity-modulated radiation therapy, three-dimensional conformal radiation therapy, permanent implant brachytherapy and high-dose-rate brachytherapy. <i>Tumori</i> , 2014, 100, 265-71.	1.1	4
62	Feasibility and accuracy of relative electron density determined by virtual monochromatic CT value subtraction at two different energies using the gemstone spectral imaging. <i>Radiation Oncology</i> , 2013, 8, 83.	2.7	14
63	Patterns of radiotherapy practice for biliary tract cancer in Japan: results of the Japanese radiation oncology study group (JROSG) survey. <i>Radiation Oncology</i> , 2013, 8, 76.	2.7	6
64	Dose-Volume Histogram Predictors of Chronic Gastrointestinal Complications After Radical Hysterectomy and Postoperative Concurrent Nedaplatin-Based Chemoradiation Therapy for Early-Stage Cervical Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 85, 728-734.	0.8	32
65	Estimation of Rectal Dose Using Daily Megavoltage Cone-Beam Computed Tomography and Deformable Image Registration. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 87, 602-608.	0.8	19
66	A Phase I Study of Concurrent Weekly Carboplatin and Paclitaxel Combined With Intensity-Modulated Pelvic Radiotherapy as an Adjuvant Treatment for Early-Stage Cervical Cancer Patients With Positive Pelvic Lymph Nodes. <i>International Journal of Gynecological Cancer</i> , 2013, 23, 1279-1286.	2.5	12
67	Characteristics of flattening filter free beams at low monitor unit settings. <i>Medical Physics</i> , 2013, 40, 112101.	3.0	10
68	Impact of the Addition of Concurrent Chemotherapy to Pelvic Radiotherapy in Surgically Treated Stage IB1-IB Cervical Cancer Patients With Intermediate-Risk or High-Risk Factors: A 13-Year Experience. <i>International Journal of Gynecological Cancer</i> , 2013, 23, 567-575.	2.5	50
69	The usefulness of an independent patient-specific treatment planning verification method using a benchmark plan in high-dose-rate intracavitary brachytherapy for carcinoma of the uterine cervix. <i>Journal of Radiation Research</i> , 2012, 53, 936-944.	1.6	4
70	The Prognostic Significance of Multiple Pelvic Node Metastases in Cervical Cancer Patients Treated With Radical Hysterectomy Plus Adjuvant Chemoradiotherapy. <i>International Journal of Gynecological Cancer</i> , 2012, 22, 490-497.	2.5	26
71	Megavoltage Cone Beam Computed Tomography Dose and the Necessity of Reoptimization for Imaging Dose-Integrated Intensity-Modulated Radiotherapy for Prostate Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 82, 1715-1722.	0.8	11
72	Post-treatment follow-up procedures in cervical cancer patients previously treated with radiotherapy. <i>Archives of Gynecology and Obstetrics</i> , 2012, 286, 179-185.	1.7	25

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73	Preliminary Results of Magnetic Resonance Imaging-aided High-dose-rate Interstitial Brachytherapy for Recurrent Uterine Carcinoma after Curative Surgery. <i>Journal of Radiation Research</i> , 2011, 52, 329-334.	1.6	10
74	Weekly Verification of Dosimetric Data for Virtual Wedge Using a 2D Diode Detector Array. <i>Medical Dosimetry</i> , 2011, 36, 246-249.	0.9	0
75	Postoperative whole pelvic radiotherapy plus concurrent chemotherapy versus extended-field irradiation for early-stage cervical cancer patients with multiple pelvic lymph node metastases. <i>Gynecologic Oncology</i> , 2011, 120, 94-100.	1.4	29
76	Pretreatment leukocytosis is an indicator of poor prognosis in patients with cervical cancer. <i>Gynecologic Oncology</i> , 2011, 122, 25-32.	1.4	80
77	Radical hysterectomy with adjuvant radiotherapy versus definitive radiotherapy alone for FIGO stage IIB cervical cancer. <i>Gynecologic Oncology</i> , 2011, 123, 241-247.	1.4	44
78	Monotherapeutic High-Dose-Rate Brachytherapy for Prostate Cancer: Five-Year Results of an Extreme Hypofractionation Regimen With 54 Gy in Nine Fractions. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 80, 469-475.	0.8	102
79	A Case of Bullous Pemphigoid Exacerbated by Irradiation After Breast Conservative Radiotherapy. <i>Japanese Journal of Clinical Oncology</i> , 2011, 41, 811-813.	1.3	23
80	Significance of Tumor Volume Related to Peritumoral Edema in Intracranial Meningioma Treated with Extreme Hypofractionated Stereotactic Radiation Therapy in Three to Five Fractions. <i>Japanese Journal of Clinical Oncology</i> , 2011, 41, 609-616.	1.3	26
81	Prognostic Factors for Survival in Patients With Recurrent Cervical Cancer Previously Treated With Radiotherapy. <i>International Journal of Gynecological Cancer</i> , 2010, 20, 834-840.	2.5	51
82	Rectal Dose and Source Strength of the High-Dose-Rate Iridium-192 Both Affect Late Rectal Bleeding After Intracavitary Radiation Therapy for Uterine Cervical Carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 77, 758-764.	0.8	17
83	What is the Optimum Minimum Segment Size Used in Step and Shoot IMRT for Prostate Cancer?. <i>Journal of Radiation Research</i> , 2010, 51, 543-552.	1.6	4
84	Concurrent Weekly Nedaplatin, External Beam Radiotherapy and High-Dose-Rate Brachytherapy in Patients with FIGO Stage IIIb Cervical Cancer: A Comparison with a Cohort Treated by Radiotherapy Alone. <i>Gynecologic and Obstetric Investigation</i> , 2010, 69, 224-232.	1.6	29
85	Postoperative concurrent nedaplatin-based chemoradiotherapy improves survival in early-stage cervical cancer patients with adverse risk factors. <i>Gynecologic Oncology</i> , 2009, 115, 482-487.	1.4	44
86	Verification of air-kerma strength of 125I seed for permanent prostate implants in Japan. <i>International Journal of Clinical Oncology</i> , 2009, 14, 525-528.	2.2	3
87	Correlation Between Dosimetric Parameters and Late Rectal and Urinary Toxicities in Patients Treated With High-Dose-Rate Brachytherapy Used as Monotherapy for Prostate Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 75, 1003-1007.	0.8	34
88	High-dose-rate interstitial brachytherapy for previously untreated cervical carcinoma. <i>Brachytherapy</i> , 2009, 8, 234-239.	0.5	23
89	Effect of High-Dose-Rate 192Ir Source Activity on Late Rectal Bleeding After Intracavitary Radiation Therapy for Uterine Cervix Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008, 71, 1329-1334.	0.8	12
90	Insulin-like growth factor stimulation increases radiosensitivity of a pancreatic cancer cell line through endoplasmic reticulum stress under hypoxic conditions. <i>Cancer Science</i> , 2008, 99, 2395-2401.	3.9	10

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91	Postoperative Irradiation for Pterygium. <i>Strahlentherapie Und Onkologie</i> , 2006, 182, 437-442.	2.0	19
92	High-dose-rate brachytherapy combined with long-term hormonal therapy for high-risk prostate cancer: Results of a retrospective analysis. <i>Radiation Medicine</i> , 2006, 24, 58-64.	0.8	6
93	Concurrent chemoradiotherapy with cisplatin and docetaxel for advanced head and neck cancer. A phase I study. <i>Anticancer Research</i> , 2004, 24, 4135-40.	1.1	18