

I-Chow Hsu

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,694
citations

377584

21
h-index

325983

40
g-index

48
all docs

48
docs citations

48
times ranked

2119
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of novel shielded nasopharynx applicator designs for intracavitary brachytherapy. <i>Brachytherapy</i> , 2022, 21, 229-237.	0.2	1
2	Safety of accelerated hypofractionated whole pelvis radiation therapy prior to high dose rate brachytherapy or stereotactic body radiation therapy prostate boost. <i>Radiation Oncology</i> , 2022, 17, 12.	1.2	2
3	Feasibility of accelerated image-guided high-dose-rate interstitial brachytherapy with inverse planning simulated annealing (IPSA-HDRBT) for post-operative treatment of pathologically node-negative squamous cell carcinomas of the oral tongue. <i>Brachytherapy</i> , 2022, , .	0.2	0
4	PET-detected asymptomatic recurrence is associated with improved survival in recurrent cervical cancer. <i>Abdominal Radiology</i> , 2021, 46, 341-350.	1.0	4
5	Unresectable bulky chest wall recurrent breast cancer controlled with CT-guided interstitial high-dose-rate brachytherapy and external beam radiotherapy with adjuvant hormonal therapy – case report. <i>Journal of Contemporary Brachytherapy</i> , 2021, 13, 451-457.	0.4	0
6	Salvage High-Dose-Rate Brachytherapy for Recurrent Prostate Cancer After Definitive Radiation. <i>Practical Radiation Oncology</i> , 2021, 11, 515-526.	1.1	7
7	High-dose-rate interstitial brachytherapy for vaginal endometrial cancer recurrence after prior surgery and radiotherapy. <i>Brachytherapy</i> , 2021, 20, 536-542.	0.2	2
8	Stereotactic Body Radiation Therapy and High-Dose-Rate Brachytherapy Boost in Combination With Intensity Modulated Radiation Therapy for Localized Prostate Cancer: A Single-Institution Propensity Score Matched Analysis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 429-437.	0.4	10
9	Long-Term Results of NRG Oncology/RTOG 0321: A Phase II Trial of Combined High Dose Rate Brachytherapy and External Beam Radiation Therapy for Adenocarcinoma of the Prostate. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 700-707.	0.4	13
10	Paradigm Shift in Radiation Treatment Planning Over Multiple Treatment Modalities. <i>Journal of Medical Physics</i> , 2021, 46, 135-139.	0.1	0
11	Simultaneous Metabolic and Perfusion Imaging Using Hyperpolarized ¹³ C MRI Can Evaluate Early and Dose-Dependent Response to Radiation Therapy in a Prostate Cancer Mouse Model. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 107, 887-896.	0.4	18
12	CT-Guided Pelvic Lymph Nodal Brachytherapy. <i>Frontiers in Oncology</i> , 2020, 10, 532555.	1.3	3
13	Single-fraction brachytherapy as monotherapy for early-stage prostate cancer: The UCSF experience. <i>Brachytherapy</i> , 2019, 18, 470-476.	0.2	10
14	Impact of Staging ⁶⁸ Ga-PSMA-11 PET Scans on Radiation Treatment Plans in Patients With Prostate Cancer. <i>Urology</i> , 2019, 125, 154-162.	0.5	20
15	Patterns of Recurrence in Node-Positive Cervical Cancer Patients Treated With Contemporary Chemoradiation and Dose Escalation: A Multi-Institutional Study. <i>Practical Radiation Oncology</i> , 2019, 9, e180-e186.	1.1	5
16	Salvage HDR Brachytherapy: Multiple Hypothesis Testing Versus Machine Learning Analysis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 101, 694-703.	0.4	17
17	Real-time electromagnetic tracking–based treatment platform for high-dose-rate prostate brachytherapy: Clinical workflows and end-to-end validation. <i>Brachytherapy</i> , 2018, 17, 103-110.	0.2	33
18	In Reply to Gensheimer and Trister. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 1594-1596.	0.4	0

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19	Sequence of hormonal therapy and radiotherapy field size in unfavourable, localised prostate cancer (NRG/RTOG 9413): long-term results of a randomised, phase 3 trial. <i>Lancet Oncology</i> , The, 2018, 19, 1504-1515.	5.1	165
20	Phase I study of dose escalation to dominant intraprostatic lesions using high-dose-rate brachytherapy. <i>Journal of Contemporary Brachytherapy</i> , 2018, 10, 193-201.	0.4	12
21	Machine learning algorithms for outcome prediction in (chemo)radiotherapy: An empirical comparison of classifiers. <i>Medical Physics</i> , 2018, 45, 3449-3459.	1.6	214
22	Salvage high-dose-rate brachytherapy and external beam radiotherapy for isolated vaginal recurrences of endometrial cancer with no prior adjuvant therapy. <i>Brachytherapy</i> , 2017, 16, 1152-1158.	0.2	24
23	A novel urethral sparing technique for high-dose-rate prostate brachytherapy after transurethral resection of the prostate. <i>Brachytherapy</i> , 2017, 16, 1113-1118.	0.2	0
24	Receiver operating curves and dose-volume analysis of late toxicity with stereotactic body radiation therapy for prostate cancer. <i>Practical Radiation Oncology</i> , 2017, 7, e109-e116.	1.1	16
25	Clinical applications of custom-made vaginal cylinders constructed using three-dimensional printing technology. <i>Journal of Contemporary Brachytherapy</i> , 2016, 3, 208-214.	0.4	49
26	A method for restricting intracatheter dwell time variance in high-dose-rate brachytherapy plan optimization. <i>Brachytherapy</i> , 2016, 15, 246-251.	0.2	8
27	Evaluation of PCa-ISO for customized, 3D printed, gynecologic HDR brachytherapy applicators. <i>Journal of Applied Clinical Medical Physics</i> , 2015, 16, 246-253.	0.8	55
28	Patient- and treatment-specific predictors of genitourinary function after high-dose-rate monotherapy for favorable prostate cancer. <i>Brachytherapy</i> , 2015, 14, 795-800.	0.2	12
29	Bladder wall recurrence of prostate cancer after high-dose-rate brachytherapy. <i>Brachytherapy</i> , 2015, 14, 185-188.	0.2	4
30	Inverse Planned High-Dose-Rate Brachytherapy for Locoregionally Advanced Cervical Cancer: 4-Year Outcomes. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 92, 1093-1100.	0.4	33
31	Dose-volume analysis and the temporal nature of toxicity with stereotactic body radiation therapy for prostate cancer. <i>Practical Radiation Oncology</i> , 2015, 5, e465-e472.	1.1	34
32	Dosimetric analysis of radiation therapy oncology group 0321: The importance of urethral dose. <i>Practical Radiation Oncology</i> , 2014, 4, 27-34.	1.1	33
33	A review of safety, quality management, and practice guidelines for high-dose-rate brachytherapy: Executive summary. <i>Practical Radiation Oncology</i> , 2014, 4, 65-70.	1.1	47
34	A training phantom for ultrasound-guided needle insertion and suturing. <i>Brachytherapy</i> , 2014, 13, 413-419.	0.2	30
35	Salvage HDR Brachytherapy for Recurrent Prostate Cancer After Previous Definitive Radiation Therapy: 5-Year Outcomes. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 86, 324-329.	0.4	131
36	High-Dose-Rate Brachytherapy Boost for Prostate Cancer: Comparison of Two Different Fractionation Schemes. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 82, 222-227.	0.4	36

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37	Urethra low-dose tunnels: Validation of and class solution for generating urethra-sparing dose plans using inverse planning simulated annealing for prostate high-dose-rate brachytherapy. <i>Brachytherapy</i> , 2012, 11, 348-353.	0.2	23
38	Phase II Trial of Combined High-Dose-Rate Brachytherapy and External Beam Radiotherapy for Adenocarcinoma of the Prostate: Preliminary Results of RTOG 0321. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 78, 751-758.	0.4	111
39	Salvage permanent perineal radioactive seed implantation for treating recurrence of localized prostate adenocarcinoma after external beam radiotherapy. <i>BJU International</i> , 2009, 104, 600-604.	1.3	73
40	High-Dose Rate Brachytherapy Using Inverse Planning Simulated Annealing for Locoregionally Advanced Cervical Cancer: A Clinical Report With 2-Year Follow-Up. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 75, 1329-1334.	0.4	23
41	Inverse planning simulated annealing for magnetic resonance imaging-based intracavitary high-dose-rate brachytherapy for cervical cancer. <i>Brachytherapy</i> , 2008, 7, 242-247.	0.2	22
42	Feasibility of high-dose-rate brachytherapy salvage for local prostate cancer recurrence after radiotherapy: The University of California San Francisco experience. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 67, 1106-1112.	0.4	136
43	Inverse planning for HDR prostate brachytherapy used to boost dominant intraprostatic lesions defined by magnetic resonance spectroscopy imaging. <i>International Journal of Radiation Oncology Biology Physics</i> , 2004, 59, 1196-1207.	0.4	135
44	Inverse planning for interstitial gynecologic template brachytherapy: truly anatomy-based planning. <i>International Journal of Radiation Oncology Biology Physics</i> , 2002, 54, 1243-1251.	0.4	79
45	Sensorless planning for medical needle insertion procedures. , 0, , .		36