

Gilad Cohen

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

950
citations

687363
13
h-index

677142
22
g-index

24
all docs

24
docs citations

24
times ranked

1058
citing authors

#	ARTICLE	IF	CITATIONS
1	Treatment planning for prostate implants using magnetic-resonance spectroscopy imaging. International Journal of Radiation Oncology Biology Physics, 2000, 47, 1085-1096.	0.8	131
2	Comparison of high-dose (86.4%G) IMRT vs combined brachytherapy plus IMRT for intermediate-risk prostate cancer. BJU International, 2014, 114, 360-367.	2.5	125
3	Improved conformality and decreased toxicity with intraoperative computer-optimized transperineal ultrasound-guided prostate brachytherapy. International Journal of Radiation Oncology Biology Physics, 2003, 55, 956-963.	0.8	104
4	Reirradiation of Locally Recurrent Nasopharynx Cancer With External Beam Radiotherapy With or Without Brachytherapy. International Journal of Radiation Oncology Biology Physics, 2010, 76, 130-137.	0.8	100
5	Comparison of Tumor Control and Toxicity Outcomes of High-dose Intensity-modulated Radiotherapy and Brachytherapy for Patients With Favorable Risk Prostate Cancer. Urology, 2011, 77, 986-990.	1.0	87
6	Postimplantation dosimetric analysis of permanent transperineal prostate implantation: improved dose distributions with an intraoperative computer-optimized conformal planning technique. International Journal of Radiation Oncology Biology Physics, 2000, 48, 601-608.	0.8	77
7	Salvage brachytherapy for recurrent prostate cancer after definitive radiation therapy: A comparison of low-dose-rate and high-dose-rate brachytherapy and the importance of prostate-specific antigen doubling time. Brachytherapy, 2017, 16, 1091-1098.	0.5	65
8	Favorable clinical outcomes of three-dimensional computer-optimized high-dose-rate prostate brachytherapy in the management of localized prostate cancer. Brachytherapy, 2006, 5, 157-164.	0.5	59
9	Impact of Intraoperative Edema During Transperineal Permanent Prostate Brachytherapy on Computer-Optimized and Preimplant Planning Techniques. American Journal of Clinical Oncology: Cancer Clinical Trials, 2003, 26, e130-e135.	1.3	41
10	Placement of an absorbable rectal hydrogel spacer in patients undergoing low-dose-rate brachytherapy with palladium-103. Brachytherapy, 2018, 17, 251-258.	0.5	36
11	On the question of 3D seed reconstruction in prostate brachytherapy: the determination of x-ray source and film locations. Physics in Medicine and Biology, 2004, 49, N335-N345.	3.0	32
12	High-Dose-Rate Intraoperative Radiation Therapy for Recurrent Head-and-Neck Cancer. International Journal of Radiation Oncology Biology Physics, 2010, 76, 1140-1146.	0.8	32
13	Local recurrence outcomes using the 32P intraoperative brachytherapy plaque in the management of malignant lesions of the spine involving the dura. Brachytherapy, 2015, 14, 202-208.	0.5	20
14	Low-Dose-Rate Brachytherapy Combined With Ultrahypofractionated Radiation Therapy for Clinically Localized, Intermediate-Risk Prostate Cancer: Results From a Prospective Trial. International Journal of Radiation Oncology Biology Physics, 2020, 108, 905-913.	0.8	12
15	Impact of source position on high-dose-rate skin surface applicator dosimetry. Brachytherapy, 2016, 15, 650-660.	0.5	10
16	Focal low-dose rate brachytherapy for the treatment of prostate cancer. Cancer Management and Research, 2013, 5, 315.	1.9	5
17	Combined brachytherapy and ultra-hypofractionated radiotherapy for intermediate-risk prostate cancer: Comparison of toxicity outcomes using a high-dose-rate (HDR) versus low-dose-rate (LDR) brachytherapy boost. Brachytherapy, 2022, 21, 599-604.	0.5	5
18	Quantifying clinical severity of physics errors in high-dose rate prostate brachytherapy using simulations. Brachytherapy, 2021, 20, 1062-1069.	0.5	3

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19	Early outcomes of high-dose-rate brachytherapy combined with ultra-hypofractionated radiation in higher-risk prostate cancer. Brachytherapy, 2021, 20, 1099-1106.	0.5	3
20	Quality Assurance/Quality Control Issues for Intraoperative Planning and Adaptive Repeat Planning of Image-Guided Prostate Implants. International Journal of Radiation Oncology Biology Physics, 2008, 71, S152-S156.	0.8	1
21	Influence of hydrogel spacer placement with prostate brachytherapy on rectal and urinary toxicity. BJU International, 2021, , .	2.5	1
22	Protocol for the measurement of the absorbed dose rate to water for a planar ³² P beta emitting brachytherapy source: A multi-institutional validation. Brachytherapy, 2022, 21, 120-127.	0.5	1
23	144 Post-implantation dosimetric analysis of permanent transperineal prostate implantation: improved dose distributions with an intraoperative computer-optimized conformal planning technique. Radiotherapy and Oncology, 2000, 55, 77.	0.6	0