Nesrin Dogan

List of Publications by Year
in descending order

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42 papers	1,116 citations	471509 17 h-index	395702 33 g-index
42 all docs	42 docs citations	42 times ranked	1417 citing authors

#	Article	IF	Citations
1	Predictive Value of Delta-Radiomics Texture Features in 0.35 Tesla Magnetic Resonance Setup Images Acquired During Stereotactic Ablative Radiotherapy of Pancreatic Cancer. Frontiers in Oncology, 2022, 12, 807725.	2.8	4
2	Assessment of single isocenter linear accelerator radiosurgery for metastases and base of skull lesions. Physica Medica, 2021, 81, 1-8.	0.7	6
3	Repeatability of CBCT radiomic features and their correlation with CT radiomic features for prostate cancer. Medical Physics, 2021, 48, 2386-2399.	3.0	13
4	CBCT-Based Adaptive Assessment Workflow for Intensity Modulated Proton Therapy for Head and Neck Cancer. International Journal of Particle Therapy, 2021, 7, 29-41.	1.8	9
5	Assessment of Knowledge-Based Planning for Prostate Intensity Modulated Proton Therapy. International Journal of Particle Therapy, 2021, 8, 62-72.	1.8	8
6	Prostate Cancer Targeted X-Ray Fluorescence Imaging via Gold Nanoparticles Functionalized With Prostate-Specific Membrane Antigen (PSMA). International Journal of Radiation Oncology Biology Physics, 2021, 111, 220-232.	0.8	20
7	Assessment of daily dose accumulation for robustly optimized intensity modulated proton therapy treatment of prostate cancer. Physica Medica, 2021, 81, 77-85.	0.7	4
8	Knowledge-Based Planning for Robustly Optimized Intensity-Modulated Proton Therapy of Head and Neck Cancer Patients. Frontiers in Oncology, 2021, 11, 737901.	2.8	5
9	Assessment of CT to CBCT contour mapping for radiomic feature analysis in prostate cancer. Scientific Reports, 2021, 11, 22737.	3.3	7
10	Assessment of intra-fraction motion during automated linac-based SRS treatment delivery with an open face mask system. Physica Medica, 2021, 92, 69-74.	0.7	1
11	Margin verification for hypofractionated prostate radiotherapy using a novel dose accumulation workflow and iterative CBCT. Physica Medica, 2020, 77, 154-159.	0.7	11
12	Impact of quantization algorithm and number of gray level intensities on variability and repeatability of low field strength magnetic resonance image-based radiomics texture features. Physica Medica, 2020, 80, 209-220.	0.7	8
13	Assessment of online adaptive MR-guided stereotactic body radiotherapy of liver cancers. Physica Medica, 2020, 77, 54-63.	0.7	21
14	Reconstruction of X-Ray Fluorescence Computed Tomography From Sparse-View Projections via L1-Norm Regularized EM Algorithm. IEEE Access, 2020, 8, 211576-211584.	4.2	7
15	Predictive value of 0.35ÂT magnetic resonance imaging radiomic features in stereotactic ablative body radiotherapy of pancreatic cancer: A pilot study. Medical Physics, 2020, 47, 3682-3690.	3.0	35
16	Dosimetric analysis of stereotactic body radiation therapy for pancreatic cancer using MR-guided Tri-60Co unit, MR-guided LINAC, and conventional LINAC-based plans. Practical Radiation Oncology, 2018, 8, e312-e321.	2.1	16
17	Bioluminescence Tomography Guided Small-Animal Radiation Therapy and Tumor Response Assessment. International Journal of Radiation Oncology Biology Physics, 2018, 102, 848-857.	0.8	15
18	Assessment of specific versus combined purpose knowledge based models in prostate radiotherapy. Journal of Applied Clinical Medical Physics, 2018, 19, 209-216.	1.9	8

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19	Magnetic resonance imaging (MRI)-based radiomics for prostate cancer radiotherapy. Translational Andrology and Urology, 2018, 7, 445-458.	1.4	26
20	Quantitative Radiomics: Impact of Pulse Sequence Parameter Selection on MRI-Based Textural Features of the Brain. Contrast Media and Molecular Imaging, 2018, 2018, 1-9.	0.8	79
21	Evaluation of radiomic texture feature error due to MRI acquisition and reconstruction: A simulation study utilizing ground truth. Physica Medica, 2018, 50, 26-36.	0.7	81
22	Feasibility of Adaptive MR-guided Stereotactic Body Radiotherapy (SBRT) of Lung Tumors. Cureus, 2018, 10, e2423.	0.5	20
23	Magnetic Resonance-guided External Beam Radiation and Brachytherapy for a Patient with Intact Cervical Cancer. Cureus, 2018, 10, e2577.	0.5	8
24	The Ever-Evolving Role of the Academic Clinical Physicist. International Journal of Radiation Oncology Biology Physics, 2017, 98, 18-20.	0.8	8
25	Optical molecular imagingâ€guided radiation therapy part 2: Integrated xâ€ray and fluorescence molecular tomography. Medical Physics, 2017, 44, 4795-4803.	3.0	19
26	Optical molecular imagingâ€guided radiation therapy part 1: Integrated xâ€ray and bioluminescence tomography. Medical Physics, 2017, 44, 4786-4794.	3.0	19
27	Assessment of volumetric-modulated arc therapy for constant and variable dose rates. Journal of Medical Physics, 2017, 42, 199.	0.3	1
28	Post-radiotherapy prostate biopsies reveal heightened apex positivity relative to other prostate regions sampled. Radiotherapy and Oncology, 2015, 115, 101-106.	0.6	14
29	A Voxel-by-Voxel Comparison of Deformable Vector Fields Obtained by Three Deformable Image Registration Algorithms Applied to 4DCT Lung Studies. Frontiers in Oncology, 2015, 5, 17.	2.8	13
30	Comparisons of multiple automated anatomyâ€based imageâ€guidance methods for patient setup before head/neck external beam radiotherapy. Journal of Applied Clinical Medical Physics, 2011, 12, 76-85.	1.9	2
31	Monte Carlo dose verification of prostate patients treated with simultaneous integrated boost intensity modulated radiation therapy. Radiation Oncology, 2009, 4, 18.	2.7	8
32	Optimized Dose Coverage of Regional Lymph Nodes in Breast Cancer: The Role of Intensity-Modulated Radiotherapy. International Journal of Radiation Oncology Biology Physics, 2007, 68, 1238-1250.	0.8	89
33	Improving IMRT dose accuracy via deliverable Monte Carlo optimization for the treatment of head and neck cancer patients. Medical Physics, 2006, 33, 4033-4043.	3.0	37
34	Simultaneous-integrated boost intensity-modulated radiation therapy (SIB-IMRT) in the treatment of early-stage left-sided breast carcinoma. Medical Dosimetry, 2006, 31, 190-196.	0.9	66
35	Assessment of different IMRT boost delivery methods on target coverage and normal-tissue sparing. International Journal of Radiation Oncology Biology Physics, 2003, 57, 1480-1491.	0.8	132
36	Automatic feathering of split fields for step-and-shoot intensity modulated radiation therapy. Physics in Medicine and Biology, 2003, 48, 1133-1140.	3.0	22

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37	Surface and build-up region dosimetry for obliquely incident intensity modulated radiotherapy 6 MV x rays. Medical Physics, 2003, 30, 3091-3096.	3.0	67
38	Comparison of ionization chambers of various volumes for IMRT absolute dose verification. Medical Physics, 2003, 30, 119-123.	3.0	69
39	Comparative evaluation of Kodak EDR2 and XV2 films for verification of intensity modulated radiation therapy. Physics in Medicine and Biology, 2002, 47, 4121-4130.	3.0	77
40	Effect of prostatic edema on CT-based postimplant dosimetry. International Journal of Radiation Oncology Biology Physics, 2002, 53, 483-489.	0.8	45
41	Improvement of dose distributions in abutment regions of intensity modulated radiation therapy and electron fields. Medical Physics, 2001, 29, 38-44.	3.0	13
42	Improvement of tomographic intensity modulated radiotherapy dose distributions using periodic shifting of arc abutment regions. Medical Physics, 2000, 27, 1610-1616.	3.0	3