

Eliana M Vasquez Osorio

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7535948/publications.pdf>

Version: 2024-02-01

54
papers

859
citations

623188

14
h-index

476904

29
g-index

54
all docs

54
docs citations

54
times ranked

959
citing authors

#	ARTICLE	IF	CITATIONS
1	Clinico-pathological predictors of clinical complete response in rectal cancer. <i>Cancer Treatment and Research Communications</i> , 2022, 31, 100540.	0.7	10
2	Optimising a 3D convolutional neural network for head and neck computed tomography segmentation with limited training data. <i>Physics and Imaging in Radiation Oncology</i> , 2022, 22, 44-50.	1.2	7
3	Inter- and intra-fractional stability of rectal gas in pelvic cancer patients during MRI-guided RT. <i>Medical Physics</i> , 2021, 48, 414-426.	1.6	9
4	Novel methodology to assess the effect of contouring variation on treatment outcome. <i>Medical Physics</i> , 2021, 48, 3234-3242.	1.6	5
5	49MO Patterns of relapse following thoracic radiotherapy in patients with limited-stage small cell lung cancer as part of the CONVERT trial. <i>Journal of Thoracic Oncology</i> , 2021, 16, S722.	0.5	0
6	Flogging a Dead Salmon? Reduced Dose Posterior to Prostate Correlates With Increased PSA Progression in Voxel-Based Analysis of 3 Randomized Phase 3 Trials. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 696-699.	0.4	12
7	OC-0394 Early prediction of tumour changes in NSCLC patients during radiotherapy. <i>Radiotherapy and Oncology</i> , 2021, 161, S289-S290.	0.3	0
8	PH-0105 Prediction of clinical complete response in rectal cancer using clinical and radiomics features. <i>Radiotherapy and Oncology</i> , 2021, 161, S73-S74.	0.3	0
9	PO-1695 Accurate H&N 3D segmentation with limited training data using 2-stage CNNs. <i>Radiotherapy and Oncology</i> , 2021, 161, S1421-S1422.	0.3	2
10	PO-1822 Feasibility of spatial normalisation for image-based data mining in breast cancer radiotherapy. <i>Radiotherapy and Oncology</i> , 2021, 161, S1552-S1553.	0.3	0
11	OC-0363 Evaluation of how well a PCA model represents anatomical variations during H&N radiation treatment. <i>Radiotherapy and Oncology</i> , 2021, 161, S267-S269.	0.3	0
12	PH-0045 Comparing robustness of margin and robustly optimised plans to anatomical deformations in H&N. <i>Radiotherapy and Oncology</i> , 2021, 161, S19-S20.	0.3	0
13	SP-0712 Heart sparing for lung radiotherapy. <i>Radiotherapy and Oncology</i> , 2021, 161, S552-S553.	0.3	0
14	PO-1816 Sarcopenia in lung cancer - population based analysis of skeletal muscle density. <i>Radiotherapy and Oncology</i> , 2021, 161, S1546.	0.3	0
15	A Predictive Model for Reactive Tube Feeding in Head and Neck Cancer Patients Undergoing Definitive (Chemo) Radiotherapy. <i>Clinical Oncology</i> , 2021, 33, e433-e441.	0.6	8
16	Early prediction of tumour-response to radiotherapy in NSCLC patients. <i>Physics in Medicine and Biology</i> , 2021, 66, 225002.	1.6	3
17	Dual-energy computed tomography: Survey results on current uses and barriers to further implementation. <i>British Journal of Radiology</i> , 2021, 94, 20210565.	1.0	1
18	Anatomical Association of Dose Distribution With Radiotherapy-Related Lymphopenia in Oropharynx Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 111, e419.	0.4	1

#	ARTICLE	IF	CITATIONS
19	Identification of modes of tumour regression in NSCLC patients during radiotherapy. Medical Physics, 2021, , .	1.6	4
20	The impact of baseline shifts towards the heart after image guidance on survival in lung SABR patients. Radiotherapy and Oncology, 2020, 152, 183-188.	0.3	12
21	Predictive value of vascular calcification identified in 4D planning CT of lung cancer patients treated with stereotactic body radiation therapy. Physica Medica, 2020, 78, 173-178.	0.4	5
22	The role of computational methods for automating and improving clinical target volume definition. Radiotherapy and Oncology, 2020, 153, 15-25.	0.3	31
23	Cardiac sub-volume targeting demonstrates regional radiosensitivity in the mouse heart. Radiotherapy and Oncology, 2020, 152, 216-221.	0.3	26
24	Image Based Data Mining Using Per-voxel Cox Regression. Frontiers in Oncology, 2020, 10, 1178.	1.3	15
25	Novel Methodology to Investigate the Effect of Radiation Dose to Heart Substructures on Overall Survival. International Journal of Radiation Oncology Biology Physics, 2020, 108, 1073-1081.	0.4	62
26	Characterizing local dose perturbations due to gas cavities in magnetic resonanceâ€guided radiotherapy. Medical Physics, 2020, 47, 2484-2494.	1.6	3
27	Experimental verification the electron return effect around spherical air cavities for the MRâ€Linac using Monte Carlo calculation. Medical Physics, 2020, 47, 2506-2515.	1.6	14
28	Protecting the Heart: A Practical Approach to Account for the Full Extent of Heart Motion in Radiation Therapy Planning. International Journal of Radiation Oncology Biology Physics, 2020, 108, 1082-1090.	0.4	10
29	Identification of patterns of tumour change measured on CBCT images in NSCLC patients during radiotherapy. Physics in Medicine and Biology, 2020, 65, 215001.	1.6	3
30	PO-1727: The geometric and dosimetric effect of algorithm choice on propagated contours from CT to CBCTs. Radiotherapy and Oncology, 2020, 152, S956-S957.	0.3	0
31	PO-1569: Early prediction of tumour-response to radiotherapy in NSCLC patients.. Radiotherapy and Oncology, 2020, 152, S850.	0.3	0
32	PO-1755: Use of â€jigsaw puzzlesâ€™ to train convolutional neural networks for segmentation with limited data. Radiotherapy and Oncology, 2020, 152, S976.	0.3	0
33	PD-0428: Large scale evaluation of sarcopenia as prognostic factor in lung cancer radiotherapy patients. Radiotherapy and Oncology, 2020, 152, S234-S235.	0.3	0
34	Assessing localized dosimetric effects due to unplanned gas cavities during pelvic MRâ€guided radiotherapy using Monte Carlo simulations. Medical Physics, 2019, 46, 5807-5815.	1.6	13
35	Is reducing irradiated margins key to improving outcomes for radiotherapy?. Lancet Oncology, The, 2019, 20, 1208-1210.	5.1	2
36	Influence of tumour laterality on patient survival in non-small cell lung cancer after radiotherapy. Radiotherapy and Oncology, 2019, 137, 71-76.	0.3	9

#	ARTICLE	IF	CITATIONS
37	P2.16-08 Influence of Tumour Location and Histological Sub-Type of Non-Small Cell Lung Cancer on Patient Survival. <i>Journal of Thoracic Oncology</i> , 2018, 13, S833-S834.	0.5	2
38	P1.17-01 Robustness of an Image-Based Data Mining Approach in Lung Cancer Patients. <i>Journal of Thoracic Oncology</i> , 2018, 13, S654-S655.	0.5	1
39	An individualized strategy to estimate the effect of deformable registration uncertainty on accumulated dose in the upper abdomen. <i>Physics in Medicine and Biology</i> , 2018, 63, 125005.	1.6	5
40	EP-1810: Assessing the dose significance of unplanned rectal filling in pelvic MR Guided Radiotherapy. <i>Radiotherapy and Oncology</i> , 2018, 127, S973-S974.	0.3	3
41	EP-2000: Image-based data mining with continuous outcome variables. <i>Radiotherapy and Oncology</i> , 2018, 127, S1088-S1089.	0.3	1
42	Radiation dose to heart base linked with poorer survival in lung cancer patients. <i>European Journal of Cancer</i> , 2017, 85, 106-113.	1.3	136
43	Improving anatomical mapping of complexly deformed anatomy for external beam radiotherapy and brachytherapy dose accumulation in cervical cancer. <i>Medical Physics</i> , 2015, 42, 206-220.	1.6	22
44	Accurate CT/MR vessel-guided nonrigid registration of largely deformed livers. <i>Medical Physics</i> , 2012, 39, 2463-2477.	1.6	23
45	Residual setup errors caused by rotation and non-rigid motion in prone-treated cervical cancer patients after online CBCT image-guidance. <i>Radiotherapy and Oncology</i> , 2012, 103, 322-326.	0.3	22
46	Three-Dimensional Dose Addition of External Beam Radiotherapy and Brachytherapy for Oropharyngeal Patients Using Nonrigid Registration. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 80, 1268-1277.	0.4	18
47	A symmetric nonrigid registration method to handle large organ deformations in cervical cancer patients. <i>Medical Physics</i> , 2010, 37, 3760-3772.	1.6	66
48	A novel flexible framework with automatic feature correspondence optimization for nonrigid registration in radiotherapy. <i>Medical Physics</i> , 2009, 36, 2848-2859.	1.6	56
49	TU-D-BRC-06: Towards Online Image Guided Radiotherapy for Cervical Cancer: Accurate Cervix-Uterus Prediction Based On Measured Bladder Volumes. <i>Medical Physics</i> , 2009, 36, 2735-2735.	1.6	0
50	TH-D-213A-07: A Novel Inverse-Consistent Feature-Based Non-Rigid Registration Method That Improves the Mapping of Organs with Large-Scale Deformations. <i>Medical Physics</i> , 2009, 36, 2822-2822.	1.6	0
51	Deformation of Prostate and Seminal Vesicles Relative to Intraprostatic Fiducial Markers. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008, 72, 1604-1611.e3.	0.4	87
52	Local Anatomic Changes in Parotid and Submandibular Glands During Radiotherapy for Oropharynx Cancer and Correlation With Dose, Studied in Detail With Nonrigid Registration. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008, 70, 875-882.	0.4	118
53	Target Coverage in Image-Guided Stereotactic Body Radiotherapy of Liver Tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 68, 282-290.	0.4	26
54	2D shape similarity as a complement for Voronoi-Delone methods in shape reconstruction. <i>Computers and Graphics</i> , 2005, 29, 81-94.	1.4	6