

# Marco Riboldi

## List of Publications by Year in descending order

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132  
papers

2,734  
citations

178989

28  
h-index

242587

44  
g-index

132  
all docs

132  
docs citations

132  
times ranked

2757  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigating CT to CBCT image registration for head and neck proton therapy as a tool for daily dose recalculation. <i>Medical Physics</i> , 2015, 42, 1354-1366.	2.9	116
2	Comparison of Target Registration Errors for Multiple Image-Guided Techniques in Accelerated Partial Breast Irradiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008, 70, 1239-1246.	0.8	109
3	Medical physics challenges in clinical MR-guided radiotherapy. <i>Radiation Oncology</i> , 2020, 15, 93.	2.7	106
4	MRI-guidance for motion management in external beam radiotherapy: current status and future challenges. <i>Physics in Medicine and Biology</i> , 2018, 63, 22TR03.	3.0	96
5	Real-time tumour tracking in particle therapy: technological developments and future perspectives. <i>Lancet Oncology</i> , The, 2012, 13, e383-e391.	10.8	89
6	“Patient-specific validation of deformable image registration in radiation therapy: Overview and caveats”. <i>Medical Physics</i> , 2018, 45, e908-e922.	2.9	79
7	Automatic Segmentation and Online virtualCT in Head-and-Neck Adaptive Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 84, e427-e433.	0.8	68
8	Use of machine learning methods for prediction of acute toxicity in organs at risk following prostate radiotherapy. <i>Medical Physics</i> , 2011, 38, 2859-2867.	2.9	62
9	Scale invariant feature transform in adaptive radiation therapy: a tool for deformable image registration assessment and re-planning indication. <i>Physics in Medicine and Biology</i> , 2013, 58, 287-299.	3.0	62
10	Multi-dimensional respiratory motion tracking from markerless optical surface imaging based on deformable mesh registration. <i>Physics in Medicine and Biology</i> , 2012, 57, 357-373.	3.0	59
11	Tumor Tracking Method Based on a Deformable 4D CT Breathing Motion Model Driven by an External Surface Surrogate. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 88, 182-188.	0.8	58
12	Liver 4DMRI: A retrospective image-based sorting method. <i>Medical Physics</i> , 2015, 42, 4814-4821.	2.9	58
13	Phantom based evaluation of CT to CBCT image registration for proton therapy dose recalculation. <i>Physics in Medicine and Biology</i> , 2015, 60, 595-613.	3.0	51
14	Targeting Accuracy in Real-time Tumor Tracking via External Surrogates: A Comparative Study. <i>Technology in Cancer Research and Treatment</i> , 2010, 9, 551-561.	1.9	48
15	Feasibility study on 3D image reconstruction from 2D orthogonal cine-MRI for MRI-guided radiotherapy. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2018, 62, 389-400.	1.9	44
16	A multiple points method for 4D CT image sorting. <i>Medical Physics</i> , 2011, 38, 656-667.	2.9	42
17	Magnetic Resonance Imaging-Guided versus Surrogate-Based Motion Tracking in Liver Radiation Therapy: A Prospective Comparative Study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 91, 840-848.	0.8	41
18	Atlas-based segmentation in breast cancer radiotherapy: Evaluation of specific and generic-purpose atlases. <i>Breast</i> , 2017, 32, 44-52.	2.3	41

#	ARTICLE	IF	CITATIONS
19	Early tumor response prediction for lung cancer patients using novel longitudinal pattern features from sequential PET/CT image scans. <i>Physica Medica</i> , 2018, 54, 21-29.	0.7	40
20	Commissioning and Quality Assurance of an Integrated System for Patient Positioning and Setup Verification in Particle Therapy. <i>Technology in Cancer Research and Treatment</i> , 2014, 13, 303-314.	1.9	35
21	Reproducibility of the external surface position in left-breast DIBH radiotherapy with spirometer-based monitoring. <i>Journal of Applied Clinical Medical Physics</i> , 2014, 15, 130-140.	1.8	34
22	An adaptive fuzzy prediction model for real time tumor tracking in radiotherapy via external surrogates. <i>Journal of Applied Clinical Medical Physics</i> , 2013, 14, 102-114.	1.8	33
23	Integration of Enhanced Optical Tracking Techniques and Imaging in IGRT. <i>Journal of Radiation Research</i> , 2007, 48, A61-A74.	1.7	32
24	Intra-fraction respiratory motion and baseline drift during breast Helical Tomotherapy. <i>Radiotherapy and Oncology</i> , 2017, 122, 79-86.	0.6	32
25	Dosimetric effects within target and organs at risk of interfractional patient mispositioning in left breast cancer radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2004, 59, 861-871.	0.8	30
26	Image guided particle therapy in CNAO room 2: Implementation and clinical validation. <i>Physica Medica</i> , 2015, 31, 9-15.	0.7	30
27	A tool for validating MRI-guided strategies: a digital breathing CT/MRI phantom of the abdominal site. <i>Medical and Biological Engineering and Computing</i> , 2017, 55, 2001-2014.	2.9	30
28	A ROI-based global motion model established on 4DCT and 2D cine-MRI data for MRI-guidance in radiation therapy. <i>Physics in Medicine and Biology</i> , 2019, 64, 045002.	3.0	28
29	Patient set-up verification by infrared optical localization and body surface sensing in breast radiation therapy. <i>Radiotherapy and Oncology</i> , 2006, 79, 170-178.	0.6	27
30	3D optoelectronic analysis of interfractional patient setup variability in frameless extracranial stereotactic radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006, 64, 635-642.	0.8	27
31	Real-time tumor tracking with an artificial neural networks-based method: A feasibility study. <i>Physica Medica</i> , 2013, 29, 48-59.	0.7	27
32	MRI quantification of pancreas motion as a function of patient setup for particle therapy – a preliminary study. <i>Journal of Applied Clinical Medical Physics</i> , 2016, 17, 60-75.	1.8	27
33	Evaluation of residual abdominal tumour motion in carbon ion gated treatments through respiratory motion modelling. <i>Physica Medica</i> , 2017, 34, 28-37.	0.7	27
34	A Hybrid Image Registration and Matching Framework for Real-Time Motion Tracking in MRI-Guided Radiotherapy. <i>IEEE Transactions on Biomedical Engineering</i> , 2018, 65, 131-139.	4.4	27
35	Surrogate-driven deformable motion model for organ motion tracking in particle radiation therapy. <i>Physics in Medicine and Biology</i> , 2015, 60, 1565-1582.	3.0	26
36	Optical eye tracking system for real-time noninvasive tumor localization in external beam radiotherapy. <i>Medical Physics</i> , 2015, 42, 2194-2202.	2.9	25

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37	Extension of the NCAT phantom for the investigation of intra-fraction respiratory motion in IMRT using 4D Monte Carlo. <i>Physics in Medicine and Biology</i> , 2010, 55, 1475-1490.	3.0	24
38	Time-resolved volumetric MRI in MRI-guided radiotherapy: an <i>in silico</i> comparative analysis. <i>Physics in Medicine and Biology</i> , 2019, 64, 185013.	3.0	24
39	Set-up errors in head and neck cancer patients treated with intensity modulated radiation therapy: Quantitative comparison between three-dimensional cone-beam CT and two-dimensional kilovoltage images. <i>Physica Medica</i> , 2015, 31, 1015-1021.	0.7	23
40	Motion Compensation in Hand-held Laser Scanning for Surface Modeling in Plastic and Reconstructive Surgery. <i>Annals of Biomedical Engineering</i> , 2009, 37, 1877-1885.	2.6	22
41	Evaluation of methods for opto-electronic body surface sensing applied to patient position control in breast radiation therapy. <i>Medical and Biological Engineering and Computing</i> , 2003, 41, 679-688.	2.9	21
42	Four-dimensional targeting error analysis in image-guided radiotherapy. <i>Physics in Medicine and Biology</i> , 2009, 54, 5995-6008.	3.0	21
43	Robustness of external/internal correlation models for real-time tumor tracking to breathing motion variations. <i>Physics in Medicine and Biology</i> , 2012, 57, 7053-7074.	3.0	21
44	Automated Fiducial Localization in CT Images Based on Surface Processing and Geometrical Prior Knowledge for Radiotherapy Applications. <i>IEEE Transactions on Biomedical Engineering</i> , 2012, 59, 2191-2199.	4.4	21
45	Deep inspiration breathâ€hold technique guided by an optoâ€electronic system for extracranial stereotactic treatments. <i>Journal of Applied Clinical Medical Physics</i> , 2013, 14, 14-25.	1.8	21
46	Quantification of lung tumor rotation with automated landmark extraction using orthogonal cine MRI images. <i>Physics in Medicine and Biology</i> , 2015, 60, 7165-7178.	3.0	21
47	Kinetic Models for Predicting Cervical Cancer Response to Radiation Therapy on Individual Basis Using Tumor Regression Measured <i>In Vivo</i> With Volumetric Imaging. <i>Technology in Cancer Research and Treatment</i> , 2016, 15, 146-158.	1.9	21
48	Imageâ€based retrospective 4D <i>scp</i> MRI in external beam radiotherapy: A comparative study with a digital phantom. <i>Medical Physics</i> , 2018, 45, 3161-3172.	2.9	21
49	Target position reproducibility in leftâ€breast irradiation with deep inspiration breathâ€hold using multiple optical surface control points. <i>Journal of Applied Clinical Medical Physics</i> , 2018, 19, 35-43.	1.8	21
50	Quantification of organ motion based on an adaptive imageâ€based scale invariant feature method. <i>Medical Physics</i> , 2013, 40, 111701.	2.9	20
51	Proton beam radiotherapy: report of the first ten patients treated at the â€œCentro Nazionale di Adroterapia Oncologica (CNAO)â€ for skull base and spine tumours. <i>Radiologia Medica</i> , 2014, 119, 277-282.	7.9	20
52	Clinical practice vs. state-of-the-art research and future visions: Report on the 4D treatment planning workshop for particle therapy â€ Edition 2018 and 2019. <i>Physica Medica</i> , 2021, 82, 54-63.	0.7	20
53	Distant metastasis time to event analysis with CNNs in independent head and neck cancer cohorts. <i>Scientific Reports</i> , 2021, 11, 6418.	3.4	20
54	Offline and online LSTM networks for respiratory motion prediction in MR-guided radiotherapy. <i>Physics in Medicine and Biology</i> , 2022, 67, 095006.	3.0	20

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55	Validation of Automatic Contour Propagation for 4D Treatment Planning Using Multiple Metrics. <i>Technology in Cancer Research and Treatment</i> , 2013, 12, 501-510.	1.9	19
56	Virtual 4DCT from 4DMRI for the management of respiratory motion in carbon ion therapy of abdominal tumors. <i>Medical Physics</i> , 2020, 47, 909-916.	2.9	19
57	Tumor tracking based on correlation models in scanned ion beam therapy: an experimental study. <i>Physics in Medicine and Biology</i> , 2013, 58, 4659-4678.	3.0	18
58	A comparative study between the imaging system and the optical tracking system in proton therapy at CNAO. <i>Journal of Radiation Research</i> , 2013, 54, i129-i135.	1.7	18
59	Dosimetric effects of residual uncertainties in carbon ion treatment of head chordoma. <i>Radiotherapy and Oncology</i> , 2014, 113, 66-71.	0.6	18
60	Examination of a deformable motion model for respiratory movements and 4D dose calculations using different driving surrogates. <i>Medical Physics</i> , 2017, 44, 2066-2076.	2.9	18
61	Multimodal image registration for the identification of dominant intraprostatic lesion in high-precision radiotherapy treatments. <i>British Journal of Radiology</i> , 2017, 90, 20170021.	2.3	18
62	Evaluation of target coverage and margins adequacy during CyberKnife Lung Optimized Treatment. <i>Medical Physics</i> , 2018, 45, 1360-1368.	2.9	18
63	Porcine lung phantom-based validation of estimated 4D-MRI using orthogonal cine imaging for low-field MR-Linacs. <i>Physics in Medicine and Biology</i> , 2021, 66, 055006.	3.0	18
64	Deep learning based time-to-event analysis with PET, CT and joint PET/CT for head and neck cancer prognosis. <i>Computer Methods and Programs in Biomedicine</i> , 2022, 222, 106948.	4.9	18
65	Accuracy in breast shape alignment with 3D surface fitting algorithms. <i>Medical Physics</i> , 2009, 36, 1193-1198.	2.9	15
66	Intra-fraction setup variability: IR optical localization vs. X-ray imaging in a hypofractionated patient population. <i>Radiation Oncology</i> , 2011, 6, 38.	2.7	15
67	Optical eye tracking system for noninvasive and automatic monitoring of eye position and movements in radiotherapy treatments of ocular tumors. <i>Applied Optics</i> , 2012, 51, 2441.	1.8	15
68	A clustering approach to 4D MRI retrospective sorting for the investigation of different surrogates. <i>Physica Medica</i> , 2019, 58, 107-113.	0.7	15
69	Enhanced Surface Registration Techniques for Patient Positioning Control in Breast Cancer Radiotherapy. <i>Technology in Cancer Research and Treatment</i> , 2004, 3, 51-58.	1.9	14
70	Advances in 4D Treatment Planning for Scanned Particle Beam Therapy – Report of Dedicated Workshops. <i>Technology in Cancer Research and Treatment</i> , 2014, 13, 485-495.	1.9	14
71	Commissioning of an Integrated Platform for Time-Resolved Treatment Delivery in Scanned Ion Beam Therapy by Means of Optical Motion Monitoring. <i>Technology in Cancer Research and Treatment</i> , 2014, 13, 517-528.	1.9	13
72	Contrast-Enhanced Proton Radiography for Patient Set-up by Using X-Ray CT Prior Knowledge. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, 628-636.	0.8	13

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73	Robust frameless stereotactic localization in extra-cranial radiotherapy. <i>Medical Physics</i> , 2006, 33, 1141-1152.	2.9	12
74	Genetic evolutionary taboo search for optimal marker placement in infrared patient setup. <i>Physics in Medicine and Biology</i> , 2007, 52, 5815-5830.	3.0	12
75	Comparison Between Infrared Optical and Stereoscopic X-Ray Technologies for Patient Setup in Image Guided Stereotactic Radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 82, 1706-1714.	0.8	11
76	Uncertainties in Lung Motion Prediction Relying on External Surrogate: A 4DCT Study in Regular vs. Irregular Breathers. <i>Technology in Cancer Research and Treatment</i> , 2010, 9, 307-315.	1.9	10
77	A sinogram warping strategy for pre-reconstruction 4D PET optimization. <i>Medical and Biological Engineering and Computing</i> , 2016, 54, 535-546.	2.9	10
78	Validation of a model for physical dose variations in irregularly moving targets treated with carbon ion beams. <i>Medical Physics</i> , 2019, 46, 3663-3673.	2.9	10
79	Regularization in Deformable Registration of Biomedical Images Based on Divergence and Curl Operators. <i>Methods of Information in Medicine</i> , 2014, 53, 21-28.	1.2	9
80	Accuracy of low-dose proton CT image registration for pretreatment alignment verification in reference to planning proton CT. <i>Journal of Applied Clinical Medical Physics</i> , 2019, 20, 83-90.	1.8	9
81	Deformable image registration of the treatment planning CT with proton radiographies in perspective of adaptive proton therapy. <i>Physics in Medicine and Biology</i> , 2021, 66, 045008.	3.0	9
82	Single-isocenter stereotactic radiosurgery for multiple brain metastases: Impact of patient misalignments on target coverage in non-coplanar treatments. <i>Zeitschrift Fur Medizinische Physik</i> , 2022, 32, 296-311.	1.6	9
83	Scale Invariant Feature Transform as feature tracking method in 4D imaging: A feasibility study. , 2012, 2012, 6543-6.		8
84	The Role of Regularization in Deformable Image Registration for Head and Neck Adaptive Radiotherapy. <i>Technology in Cancer Research and Treatment</i> , 2013, 12, 323-331.	1.9	8
85	PET-CT scanner characterization for PET raw data use in biomedical research. <i>Computerized Medical Imaging and Graphics</i> , 2014, 38, 358-368.	6.1	8
86	An image-based method to synchronize cone-beam CT and optical surface tracking. <i>Journal of Applied Clinical Medical Physics</i> , 2015, 16, 117-128.	1.8	8
87	Scan path optimization with/without clustering for active beam delivery in charged particle therapy. <i>Physica Medica</i> , 2015, 31, 130-136.	0.7	8
88	Optimized PET Imaging for 4D Treatment Planning in Radiotherapy: the Virtual 4D PET Strategy. <i>Technology in Cancer Research and Treatment</i> , 2015, 14, 99-110.	1.9	8
89	Design and Testing of a Simulation Framework for Dosimetric Motion Studies Integrating an Anthropomorphic Computational Phantom into Four-dimensional Monte Carlo. <i>Technology in Cancer Research and Treatment</i> , 2008, 7, 449-456.	1.9	7
90	Validation of an automatic contour propagation method for lung cancer 4D adaptive radiation therapy. , 2009, , .		7

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91	Clinical evaluation of 4D PET motion compensation strategies for treatment verification in ion beam therapy. <i>Physics in Medicine and Biology</i> , 2016, 61, 4141-4155.	3.0	7
92	Modeling the Interplay Between Tumor Volume Regression and Oxygenation in Uterine Cervical Cancer During Radiotherapy Treatment. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2016, 20, 596-605.	6.9	7
93	e-Health solutions for better care: Characterization of health apps to extract meaningful information and support users' choices. , 2017, , .		7
94	Modeling RBE-weighted dose variations in irregularly moving abdominal targets treated with carbon ion beams. <i>Medical Physics</i> , 2020, 47, 2768-2778.	2.9	7
95	Patient-specific CT calibration based on ion radiography for different detector configurations in <sup>1</sup> H, <sup>4</sup> He and <sup>12</sup> C ion pencil beam scanning. <i>Physics in Medicine and Biology</i> , 2020, 65, 245014.	3.0	7
96	A Neural Network Based Method for Optical Patient Set-up Registration in Breast Radiotherapy. <i>Annals of Biomedical Engineering</i> , 2006, 34, 677-686.	2.6	6
97	Benefits of Six Degrees of Freedom for Optically Driven Patient Set-up Correction in SBRT. <i>Technology in Cancer Research and Treatment</i> , 2008, 7, 187-195.	1.9	6
98	Regional MLEM reconstruction strategy for PET-based treatment verification in ion beam radiotherapy. <i>Physics in Medicine and Biology</i> , 2014, 59, 6979-6995.	3.0	6
99	Automated identification of health apps' medical specialties and promoters from the store webpages. , 2017, , .		6
100	Risk Stratification Using 18F-FDG PET/CT and Artificial Neural Networks in Head and Neck Cancer Patients Undergoing Radiotherapy. <i>Diagnostics</i> , 2021, 11, 1581.	2.8	6
101	Response to: Reproducibility of the external surface position in left-breast DIBH radiotherapy with spirometer-based monitoring: methodological mistake. <i>Journal of Applied Clinical Medical Physics</i> , 2014, 15, 401-401.	1.8	5
102	X-ray CT adaptation based on a 2D-to-3D deformable image registration framework using simulated in-room proton radiographies. <i>Physics in Medicine and Biology</i> , 2022, 67, 045003.	3.0	5
103	186. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006, 66, S103-S104.	0.8	4
104	Proposal of a 4D ML reconstruction strategy for PET-based treatment verification in ion beam radiotherapy. , 2014, , .		4
105	First clinical investigation of a 4D maximum likelihood reconstruction for 4D PET-based treatment verification in ion beam therapy. <i>Radiotherapy and Oncology</i> , 2017, 123, 339-345.	0.6	4
106	A patient-specific hybrid phantom for calculating radiation dose and equivalent dose to the whole body. <i>Physics in Medicine and Biology</i> , 2022, 67, 035005.	3.0	4
107	Clinical investigations of a 4D ML reconstruction strategy for PET-based treatment verification in ion beam therapy. , 2014, , .		3
108	Improving the modelling of susceptibility-induced spatial distortions in MRI-guided extra-cranial radiotherapy. <i>Physics in Medicine and Biology</i> , 2019, 64, 205006.	3.0	3

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109	Electromagnetic Signal of a Proton Beam in Biological Tissues for a Potential Range-Verification Approach in Proton Therapy. <i>Physical Review Applied</i> , 2021, 15, .	3.8	3
110	An MRI framework for respiratory motion modelling validation. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2021, 65, 337-344.	1.9	3
111	TU-A-BRA-08: Integration of Optical Tracking for Organ Motion Compensation in Scanned Ion-Beam Therapy. <i>Medical Physics</i> , 2012, 39, 3889-3889.	2.9	3
112	DeepClassPathway: Molecular pathway aware classification using explainable deep learning. <i>European Journal of Cancer</i> , 2022, 176, 41-49.	2.9	3
113	Projection-based deformable registration for tomographic imaging in ion beam therapy. , 2014, , .		2
114	Optimal marker placement in hadrontherapy: Intelligent optimization strategies with augmented Lagrangian pattern search. <i>Journal of Biomedical Informatics</i> , 2015, 53, 65-72.	4.4	2
115	4D ML reconstruction as a tool for volumetric PET-based treatment verification in ion beam radiotherapy. <i>Medical Physics</i> , 2016, 43, 710-726.	2.9	2
116	A 2D-3D Deformable Image Registration Framework for Proton Radiographies in Adaptive Radiation Therapy. , 2019, , .		2
117	Dosimetric impact of geometric distortions in an MRI-only proton therapy workflow for lung, liver and pancreas. <i>Zeitschrift Fur Medizinische Physik</i> , 2020, , .	1.6	2
118	Extracranial frameless stereotactic radiosurgery with multi-modal imaging and opto-electronic position verification. <i>International Congress Series</i> , 2004, 1268, 318-322.	0.2	1
119	In Regard to Yang et al. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 84, 304.	0.8	1
120	Contrast Enhanced Proton Radiography for In-room Soft Tissue-based Setup. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 84, S53.	0.8	1
121	Integration of spatial distortion effects in a 4D computational phantom for simulation studies in extra-cranial MRI-guided radiation therapy: Initial results. <i>Medical Physics</i> , 2021, 48, 1646-1660.	2.9	1
122	MO-D-ValB-03: Genetic Evolutionary Taboo Search: A Novel Approach for Optimal Marker Placement in Infrared Patient Positioning. <i>Medical Physics</i> , 2006, 33, 2161-2161.	2.9	1
123	TH-E-BRA-05: Improving the Contrast of Proton and Carbon Radiography by Using CT Prior Knowledge. <i>Medical Physics</i> , 2012, 39, 4012-4012.	2.9	1
124	Impact of secondary particles on the magnetic field generated by a proton pencil beam: a finite element analysis based on Geant4-DNA simulations. <i>Medical Physics</i> , 2023, 50, 1000-1018.	2.9	1
125	On the robustness of multilateration of ionoacoustic signals for localization of the Bragg peak at pre-clinical proton beam energies in water. <i>Physics in Medicine and Biology</i> , 0, , .	3.0	1
126	Development and validation of a prototypal neural networks-based tumor tracking method. , 2011, 2011, 2780-3.		0



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127	Validation of deformable registration in adaptive radiation therapy with scale invariant feature transform. , 2012, , .		0
128	Theoretical tumor edge detection technique using multiple Bragg peak decomposition in carbon ion therapy. Biomedical Physics and Engineering Express, 2019, 5, 067002.	1.2	0
129	SU-FF-J-128: Uncertainties in Target Volume Surrogates in Image Guided External Beam Partial Breast Irradiation. Medical Physics, 2006, 33, 2050-2050.	2.9	0
130	SU-FF-J-92: Dosimetric Impact of Motion Mitigation Strategies in the Irradiation of Moving Tumors: A 4D Monte Carlo Simulation Study. Medical Physics, 2007, 34, 2389-2389.	2.9	0
131	SU-FF-J-98: A Feature Matching Approach for the Automatic Correlation of Internal and External Motion in Lung Tumors. Medical Physics, 2007, 34, 2390-2391.	2.9	0
132	Virtual 4DCT generated from 4DMRI in gated particle therapy: phantom validation and application to lung cancer patients. Physics in Medicine and Biology, 0, , .	3.0	0