

Tomas Kron

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

351
papers

6,239
citations

41
h-index

59
g-index

395
ext. papers

7,397
ext. citations

2.6
avg, IF

5.63
L-index

#	Paper	IF	Citations
351	Dose assessment for daily cone-beam CT in lung radiotherapy patients and its combination with treatment planning.. <i>Physical and Engineering Sciences in Medicine</i> , 2022 , 45, 231	7	0
350	Multi-jet fusion for additive manufacturing of radiotherapy immobilization devices: Effects of color, thickness, and orientation on surface dose and tensile strength.. <i>Journal of Applied Clinical Medical Physics</i> , 2022 , e13548	2.3	1
349	Quality management in radiotherapy treatment delivery.. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2022 , 66, 279-290	1.7	2
348	Please Place Your Seat in the Full Upright Position: A Technical Framework for Landing Upright Radiation Therapy in the 21 Century.. <i>Frontiers in Oncology</i> , 2022 , 12, 821887	5.3	0
347	Utility of Biology-Guided Radiotherapy to Metastases Diagnosed During Staging of High-Risk Biopsy-Proven Prostate Cancer.. <i>Frontiers in Oncology</i> , 2022 , 12, 854589	5.3	0
346	Medical physicist certification and training program accreditation.. <i>Health and Technology</i> , 2022 , 1-8	2.1	
345	A system for real-time monitoring of breath-hold via assessment of internal anatomy in tangential breast radiotherapy. <i>Journal of Applied Clinical Medical Physics</i> , 2021 ,	2.3	1
344	Dose calculation and reporting with a linear Boltzman transport equation solver in vertebral SABR. <i>Physical and Engineering Sciences in Medicine</i> , 2021 , 45, 43	7	
343	A customizable anthropomorphic phantom for dosimetric verification of 3D-printed lung, tissue, and bone density materials. <i>Medical Physics</i> , 2021 , 49, 52	4.4	2
342	On the reduction of aperture complexity in kidney SABR. <i>Journal of Applied Clinical Medical Physics</i> , 2021 , 22, 71-81	2.3	1
341	Automated assessment of functional lung imaging with Ga-ventilation/perfusion PET/CT using iterative histogram analysis. <i>EJNMMI Physics</i> , 2021 , 8, 23	4.4	1
340	Report dose-to-medium in clinical trials where available; a consensus from the Global Harmonisation Group to maximize consistency. <i>Radiotherapy and Oncology</i> , 2021 , 159, 106-111	5.3	5
339	Development of a physical geometric phantom for deformable image registration credentialing of radiotherapy centers for a clinical trial. <i>Journal of Applied Clinical Medical Physics</i> , 2021 , 22, 255-265	2.3	1
338	A validation framework to assess performance of commercial deformable image registration in lung radiotherapy. <i>Physica Medica</i> , 2021 , 87, 106-114	2.7	0
337	Out-of-field dose in stereotactic radiotherapy for paediatric patients. <i>Physics and Imaging in Radiation Oncology</i> , 2021 , 19, 1-5	3.1	
336	Safety, Efficacy, and Patterns of Failure After Single-Fraction Stereotactic Body Radiation Therapy (SBRT) for Oligometastases. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021 , 109, 756-763	4.63	7
335	A systematic review and meta-analysis of the prognostic value of radiomics based models in non-small cell lung cancer treated with curative radiotherapy. <i>Radiotherapy and Oncology</i> , 2021 , 155, 188-203	5.3	7

334	Consistency of small-field dosimetry, on and off axis, in beam-matched linacs used for stereotactic radiosurgery. <i>Journal of Applied Clinical Medical Physics</i> , 2021 , 22, 185-193	2.3	1
333	PhDs: never boring, never dry. <i>Physical and Engineering Sciences in Medicine</i> , 2021 , 44, 7	7	0
332	The interlace deposition method of bone equivalent material extrusion 3D printing for imaging in radiotherapy. <i>Materials and Design</i> , 2021 , 199, 109439	8.1	3
331	Personalising treatment plan quality review with knowledge-based planning in the TROG 15.03 trial for stereotactic ablative body radiotherapy in primary kidney cancer. <i>Radiation Oncology</i> , 2021 , 16, 142	4.2	2
330	Single-Fraction vs Multifraction Stereotactic Ablative Body Radiotherapy for Pulmonary Oligometastases (SAFRON II): The Trans Tasman Radiation Oncology Group 13.01 Phase 2 Randomized Clinical Trial. <i>JAMA Oncology</i> , 2021 , 7, 1476-1485	13.4	2
329	Calculation algorithms and penumbra: Underestimation of dose in organs at risk in dosimetry audits. <i>Medical Physics</i> , 2021 , 48, 6184-6197	4.4	1
328	CT slice alignment to whole-body reference geometry by convolutional neural network. <i>Physical and Engineering Sciences in Medicine</i> , 2021 , 1	7	
327	Radiomics feature stability of open-source software evaluated on apparent diffusion coefficient maps in head and neck cancer. <i>Scientific Reports</i> , 2021 , 11, 17633	4.9	2
326	A retrospective review of the long-term outcomes of online adaptive radiation therapy and conventional radiation therapy for muscle invasive bladder cancer. <i>Clinical and Translational Radiation Oncology</i> , 2021 , 30, 65-70	4.6	1
325	Reducing the impact on renal function of kidney SABR through management of respiratory motion. <i>Physica Medica</i> , 2021 , 89, 72-79	2.7	0
324	An international survey of imaging practices in radiotherapy. <i>Physica Medica</i> , 2021 , 90, 53-65	2.7	3
323	A retrospective analysis of setup and intrafraction positional variation in stereotactic radiotherapy treatments. <i>Journal of Applied Clinical Medical Physics</i> , 2020 , 21, 109-119	2.3	3
322	COVID-19 pandemic planning: considerations for radiation oncology medical physics. <i>Physical and Engineering Sciences in Medicine</i> , 2020 , 43, 473-480	7	10
321	Professor Barry Allen's deep footprints in space, time and spirit. <i>Physical and Engineering Sciences in Medicine</i> , 2020 , 43, 3-5	7	
320	Credentialing of vertebral stereotactic ablative body radiotherapy in a multi-centre trial. <i>Physica Medica</i> , 2020 , 72, 16-21	2.7	2
319	Upright Radiation Therapy-A Historical Reflection and Opportunities for Future Applications. <i>Frontiers in Oncology</i> , 2020 , 10, 213	5.3	7
318	Single-fraction stereotactic ablative body radiotherapy for sternal metastases in oligometastatic breast cancer: Technique and single institution experience. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2020 , 64, 580-585	1.7	2
317	Total body irradiation in Australia and New Zealand: results of a practice survey. <i>Physical and Engineering Sciences in Medicine</i> , 2020 , 43, 825-835	7	6

316	Additive manufacturing in radiation oncology: a review of clinical practice, emerging trends and research opportunities. <i>International Journal of Extreme Manufacturing</i> , 2020 , 2, 012003	7.9	17
315	Independent review of 4DCT scans used for SABR treatment planning. <i>Journal of Applied Clinical Medical Physics</i> , 2020 , 21, 62-67	2.3	6
314	The effect of stereotactic body radiotherapy (SBRT) using flattening filter-free beams on cardiac implantable electronic devices (CIEDs) in clinical situations. <i>Journal of Applied Clinical Medical Physics</i> , 2020 , 21, 121-131	2.3	8
313	A review of 3D printed patient specific immobilisation devices in radiotherapy. <i>Physics and Imaging in Radiation Oncology</i> , 2020 , 13, 30-35	3.1	14
312	Additive Manufacture of Lung Equivalent Anthropomorphic Phantoms: A Method to Control Hounsfield Number Utilizing Partial Volume Effect. <i>Journal of Engineering and Science in Medical Diagnostics and Therapy</i> , 2020 , 3,	1	5
311	Protocol for tumour-focused dose-escalated adaptive radiotherapy for the radical treatment of bladder cancer in a multicentre phase II randomised controlled trial (RAIDER): radiotherapy planning and delivery guidance. <i>BMJ Open</i> , 2020 , 10, e041005	3	6
310	Single-arm prospective interventional study assessing feasibility of using gallium-68 ventilation and perfusion PET/CT to avoid functional lung in patients with stage III non-small cell lung cancer. <i>BMJ Open</i> , 2020 , 10, e042465	3	4
309	THERMOLUMINESCENCE DOSIMETRY (TLD) IN MEDICINE: FIVE 'W'S AND ONE HOW. <i>Radiation Protection Dosimetry</i> , 2020 , 192, 139-151	0.9	2
308	APPLICATIONS OF OPTICALLY STIMULATED LUMINESCENCE IN MEDICAL DOSIMETRY. <i>Radiation Protection Dosimetry</i> , 2020 , 192, 122-138	0.9	1
307	Infill selection for 3D printed radiotherapy immobilisation devices.. <i>Biomedical Physics and Engineering Express</i> , 2020 , 6,	1.5	2
306	Lung organ-at-risk volumes: A survey of practice and the need for a consistent definition in the 4DCT era. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2020 , 64, 120-126	1.7	1
305	Monitoring DNA Damage and Repair in Peripheral Blood Mononuclear Cells of Lung Cancer Radiotherapy Patients. <i>Cancers</i> , 2020 , 12,	6.6	4
304	Gyroid structures for 3D-printed heterogeneous radiotherapy phantoms. <i>Physics in Medicine and Biology</i> , 2019 , 64, 21NT05	3.8	9
303	A simple and efficient method to measure beam attenuation through a radiotherapy treatment couch and immobilization devices. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2019 , 42, 1183-1189	1.9	
302	NaF PET/CT for response assessment of prostate cancer bone metastases treated with single fraction stereotactic ablative body radiotherapy. <i>Radiation Oncology</i> , 2019 , 14, 164	4.2	7
301	Development of a multicentre automated model to reduce planning variability in radiotherapy of prostate cancer. <i>Physics and Imaging in Radiation Oncology</i> , 2019 , 11, 34-40	3.1	8
300	A Systematic Review on 3D-Printed Imaging and Dosimetry Phantoms in Radiation Therapy. <i>Technology in Cancer Research and Treatment</i> , 2019 , 18, 1533033819870208	2.7	35
299	In the future, emission-guided radiation therapy will play a critical role in clinical radiation oncology. <i>Medical Physics</i> , 2019 , 46, 1519-1522	4.4	1

298	Leonardo DaVinci's contributions to medical physics and biomedical engineering: celebrating the life of a 'Polymath'. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2019 , 42, 403-405	1.9	2
297	A review and analysis of stereotactic body radiotherapy and radiosurgery of patients with cardiac implantable electronic devices. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2019 , 42, 415-425	1.9	9
296	2D monolithic silicon-diode array detectors in megavoltage photon beams: does the fabrication technology matter? A medical physicist's perspective. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2019 , 42, 443-451	1.9	4
295	Stereotactic ablative radiotherapy versus standard radiotherapy in stage 1 non-small-cell lung cancer (TROG 09.02 CHISEL): a phase 3, open-label, randomised controlled trial. <i>Lancet Oncology</i> , 2019 , 20, 494-503	21.7	206
294	Dose to medium in head and neck radiotherapy: Clinical implications for target volume metrics. <i>Physics and Imaging in Radiation Oncology</i> , 2019 , 11, 92-97	3.1	6
293	A comparison of IROC and ACDS on-site audits of reference and non-reference dosimetry. <i>Medical Physics</i> , 2019 , 46, 5878-5887	4.4	2
292	Two-dimensional solid-state array detectors: A technique for in vivo dose verification in a variable effective area. <i>Journal of Applied Clinical Medical Physics</i> , 2019 , 20, 88-94	2.3	2
291	Sensitivity of Electronic Portal Imaging Device (EPID) Based Transit Dosimetry to Detect Inter-fraction Patient Variations. <i>IFMBE Proceedings</i> , 2019 , 477-480	0.2	2
290	Systematic endobronchial ultrasound-guided transbronchial needle aspiration improves radiotherapy planning in non-small cell lung cancer. <i>ERJ Open Research</i> , 2019 , 5,	3.5	6
289	. <i>IEEE Transactions on Nuclear Science</i> , 2019 , 66, 519-527	1.7	5
288	Credentialing of radiotherapy centres in Australasia for TROG 09.02 (Chisel), a Phase III clinical trial on stereotactic ablative body radiotherapy of early stage lung cancer. <i>British Journal of Radiology</i> , 2018 , 91, 20170737	3.4	13
287	A novel high-resolution 2D silicon array detector for small field dosimetry with FFF photon beams. <i>Physica Medica</i> , 2018 , 45, 117-126	2.7	18
286	Dosimetric end-to-end tests in a national audit of 3D conformal radiotherapy. <i>Physics and Imaging in Radiation Oncology</i> , 2018 , 6, 5-11	3.1	6
285	Assessment of leakage dose in patients undergoing radiotherapy for breast cancer. <i>Physics and Imaging in Radiation Oncology</i> , 2018 , 5, 97-101	3.1	2
284	CyberKnife fixed cone and Iris ² defined small radiation fields: Assessment with a high-resolution solid-state detector array. <i>Journal of Applied Clinical Medical Physics</i> , 2018 , 19, 547-557	2.3	14
283	Deep Learning Renal Segmentation for Fully Automated Radiation Dose Estimation in Unsealed Source Therapy. <i>Frontiers in Oncology</i> , 2018 , 8, 215	5.3	51
282	On Monolithic Silicon Array Detectors for Small-Field Photon Beam Dosimetry. <i>IEEE Transactions on Nuclear Science</i> , 2018 , 65, 2640-2649	1.7	8
281	Diffusion weighted and dynamic contrast enhanced MRI as an imaging biomarker for stereotactic ablative body radiotherapy (SABR) of primary renal cell carcinoma. <i>PLoS ONE</i> , 2018 , 13, e0202387	3.7	9

280	Functional lung imaging in radiation therapy for lung cancer: A systematic review and meta-analysis. <i>Radiotherapy and Oncology</i> , 2018 , 129, 196-208	5.3	33
279	Assessing DCE-MRI and DWI as treatment response biomarkers after SABR for primary renal cell carcinoma.. <i>Journal of Clinical Oncology</i> , 2018 , 36, e16587-e16587	2.2	0
278	TROG 15.03 phase II clinical trial of Focal Ablative STereotactic Radiosurgery for Cancers of the Kidney - FASTRACK II. <i>BMC Cancer</i> , 2018 , 18, 1030	4.8	20
277	A technique for total skin electron therapy (TSET) of an anesthetized pediatric patient. <i>Journal of Applied Clinical Medical Physics</i> , 2018 , 19, 109-116	2.3	3
276	An image segmentation framework for extracting tumors from breast magnetic resonance images. <i>Journal of Innovative Optical Health Sciences</i> , 2018 , 11, 1850014	1.2	11
275	Stereotactic Abative Body Radiotherapy (SABR) for Oligometastatic Prostate Cancer: A Prospective Clinical Trial. <i>European Urology</i> , 2018 , 74, 455-462	10.2	150
274	Activation of hip prostheses in high energy radiotherapy and resultant dose to nearby tissue. <i>Journal of Applied Clinical Medical Physics</i> , 2017 , 18, 100-105	2.3	0
273	Stereotactic ablative body radiotherapy for inoperable primary kidney cancer: a prospective clinical trial. <i>BJU International</i> , 2017 , 120, 623-630	5.6	50
272	Out-of-field in vivo dosimetry using TLD in SABR for primary kidney cancer involving mixed photon fields. <i>Physica Medica</i> , 2017 , 37, 9-15	2.7	5
271	Surface dose measurements in and out of field: Implications for breast radiotherapy with megavoltage photon beams. <i>Zeitschrift Fur Medizinische Physik</i> , 2017 , 27, 318-323	7.6	4
270	MA13.09 Serial FDG and FLT PET/CT during Curative-Intent Chemo-Radiotherapy for NSCLC Impacts Patient Management and May Predict Clinical Outcomes. <i>Journal of Thoracic Oncology</i> , 2017 , 12, S420	8.9	3
269	TOPGEAR: A Randomized, Phase III Trial of Perioperative ECF Chemotherapy with or Without Preoperative Chemoradiation for Resectable Gastric Cancer: Interim Results from an International, Intergroup Trial of the AGITG, TROG, EORTC and CCTG. <i>Annals of Surgical Oncology</i> , 2017 , 24, 2252-2258	3.1	114
268	Routine Use of Intensity-Modulated Radiotherapy for Locally Advanced Non-Small-Cell Lung Cancer Is Neither Choosing Wisely Nor Personalized Medicine. <i>Journal of Clinical Oncology</i> , 2017 , 35, 1492-1493	2.2	5
267	Prospective Study of Serial Imaging Comparing Fluorodeoxyglucose Positron Emission Tomography (PET) and Fluorothymidine PET During Radical Chemoradiation for Non-Small Cell Lung Cancer: Reduction of Detectable Proliferation Associated With Worse Survival. <i>International Journal of Radiation Oncology Biological Physics</i> , 2017 , 99, 217-225	4	23
266	Cone-beam computed tomography for lung cancer - validation with CT and monitoring tumour response during chemo-radiation therapy. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2017 , 61, 263-270	1.7	5
265	Geographical miss of the prostate during image-guided radiotherapy with a 6-mm posterior expansion margin. <i>Journal of Medical Radiation Sciences</i> , 2017 , 64, 97-105	1.5	4
264	Clinical and Functional Assays of Radiosensitivity and Radiation-Induced Second Cancer. <i>Cancers</i> , 2017 , 9,	6.6	26
263	The Influence of Acquisition Mode on the Dosimetric Performance of an Amorphous Silicon Electronic Portal Imaging Device. <i>Journal of Medical Physics</i> , 2017 , 42, 90-95	0.7	2

262	Optical computed tomography in PRESAGE three-dimensional dosimetry: Challenges and prospective. <i>Journal of Cancer Research and Therapeutics</i> , 2017 , 13, 419-424	1.2	2
261	Special Delivery Techniques 2017 , 251-280		1
260	The Importance of Quasi-4D Path-Integrated Dose Accumulation for More Accurate Risk Estimation in Stereotactic Liver Radiotherapy. <i>Technology in Cancer Research and Treatment</i> , 2016 , 15, 428-36	2.7	1
259	A Comparison of Bayesian Models of Heteroscedasticity in Nested Normal Data. <i>Communications in Statistics Part B: Simulation and Computation</i> , 2016 , 45, 2947-2964	0.6	
258	Radiotherapy for Non-Small Cell Lung Cancer Induces DNA Damage Response in Both Irradiated and Out-of-field Normal Tissues. <i>Clinical Cancer Research</i> , 2016 , 22, 4817-4826	12.9	44
257	A randomised phase II trial of Stereotactic Ablative Fractionated radiotherapy versus Radiosurgery for Oligometastatic Neoplasia to the lung (TROG 13.01 SAFRON II). <i>BMC Cancer</i> , 2016 , 16, 183	4.8	25
256	Ga-68 MAA Perfusion 4D-PET/CT Scanning Allows for Functional Lung Avoidance Using Conformal Radiation Therapy Planning. <i>Technology in Cancer Research and Treatment</i> , 2016 , 15, 114-21	2.7	26
255	DOSE AND GAMMA-RAY SPECTRA FROM NEUTRON-INDUCED RADIOACTIVITY IN MEDICAL LINEAR ACCELERATORS FOLLOWING HIGH-ENERGY TOTAL BODY IRRADIATION. <i>Radiation Protection Dosimetry</i> , 2016 , 172, 327-332	0.9	8
254	Lung cancer radiation therapy in Australia and New Zealand: Patterns of practice. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2016 , 60, 677-685	1.7	7
253	Faculty of Radiation Oncology Position Paper on the use of Image-Guided Radiation Therapy. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2016 , 60, 772-780	1.7	9
252	Dosimetry of ionising radiation in modern radiation oncology. <i>Physics in Medicine and Biology</i> , 2016 , 61, R167-205	3.8	61
251	Impact of stereotactic radiotherapy on kidney function in primary renal cell carcinoma: Establishing a dose-response relationship. <i>Radiotherapy and Oncology</i> , 2016 , 118, 540-6	5.3	38
250	Practical Assessment of Bronchoscopically Inserted Fiducial Markers for Image Guidance in Stereotactic Lung Radiotherapy. <i>Journal of Thoracic Oncology</i> , 2016 , 11, 1363-1368	8.9	9
249	Surveying trends in radiation oncology medical physics in the Asia Pacific Region. <i>Physica Medica</i> , 2016 , 32, 883-8	2.7	5
248	Long term OSLD reader stability in the ACDS level one audit. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2015 , 38, 151-6	1.9	4
247	Additive manufacture of custom radiation dosimetry phantoms: An automated method compatible with commercial polymer 3D printers. <i>Materials and Design</i> , 2015 , 86, 487-499	8.1	34
246	The development of practice standards for radiation oncology in Australia: a tripartite approach. <i>Clinical Oncology</i> , 2015 , 27, 325-9	2.8	6
245	Sparing healthy tissue and increasing tumor dose using bayesian modeling of geometric uncertainties for planning target volume personalization. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015 , 92, 446-52	4	3

244	High-resolution pulmonary ventilation and perfusion PET/CT allows for functionally adapted intensity modulated radiotherapy in lung cancer. <i>Radiotherapy and Oncology</i> , 2015 , 115, 157-62	5.3	57
243	National dosimetric audit network finds discrepancies in AAA lung inhomogeneity corrections. <i>Physica Medica</i> , 2015 , 31, 435-41	2.7	27
242	Predictors of respiratory-induced lung tumour motion measured on four-dimensional computed tomography. <i>Clinical Oncology</i> , 2015 , 27, 197-204	2.8	6
241	Brief histories of medical physics in Asia-Oceania. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2015 , 38, 381-98	1.9	7
240	The use of dual vacuum stabilization device to reduce kidney motion for stereotactic radiotherapy planning. <i>Technology in Cancer Research and Treatment</i> , 2015 , 14, 149-57	2.7	11
239	Multimodality guidance for accurate bronchoscopic insertion of fiducial markers. <i>Journal of Thoracic Oncology</i> , 2015 , 10, 324-30	8.9	30
238	CT perfusion imaging in response assessment of pulmonary metastases undergoing stereotactic ablative radiotherapy. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2015 , 59, 207-15	1.7	7
237	Accuracy and Utility of Deformable Image Registration in (68)Ga 4D PET/CT Assessment of Pulmonary Perfusion Changes During and After Lung Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015 , 93, 196-204	4	16
236	Ventilation/Perfusion Positron Emission Tomography--Based Assessment of Radiation Injury to Lung. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015 , 93, 408-17	4	30
235	Image guidance and stabilization for stereotactic ablative body radiation therapy (SABR) treatment of primary kidney cancer. <i>Practical Radiation Oncology</i> , 2015 , 5, e597-605	2.8	6
234	Trans Tasman Radiation Oncology Group: Development of the Assessment of New Radiation Oncology Technology and Treatments (ANROTAT) Framework. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2015 , 59, 363-70	1.7	11
233	Dosimetric Consequences of 3D Versus 4D PET/CT for Target Delineation of Lung Stereotactic Radiotherapy. <i>Journal of Thoracic Oncology</i> , 2015 , 10, 1112-5	8.9	8
232	Reproducibility assessment of dynamically deforming DEFGEL in a respiratory motion phantom. <i>Journal of Physics: Conference Series</i> , 2015 , 573, 012024	0.3	6
231	Audit of radiation dose delivered in time-resolved four-dimensional computed tomography in a radiotherapy department. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2015 , 59, 346-52	1.7	7
230	Respiratory-gated (4D) FDG-PET detects tumour and normal lung response after stereotactic radiotherapy for pulmonary metastases. <i>Acta Oncologica</i> , 2015 , 54, 1105-12	3.2	11
229	Medical physics aspects of cancer care in the Asia Pacific region: 2014 survey results. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2015 , 38, 493-501	1.9	9
228	Calculating radiotherapy margins based on Bayesian modelling of patient specific random errors. <i>Physics in Medicine and Biology</i> , 2015 , 60, 1793-805	3.8	1
227	On the use of Gafchromic EBT3 films for validating a commercial electron Monte Carlo dose calculation algorithm. <i>Physics in Medicine and Biology</i> , 2015 , 60, 2091-102	3.8	7

226	Automatic tracking of gold seed markers from CBCT image projections in lung and prostate radiotherapy. <i>Physica Medica</i> , 2015 , 31, 185-91	2.7	10
225	A planning study investigating dual-gated volumetric arc stereotactic treatment of primary renal cell carcinoma. <i>Medical Dosimetry</i> , 2015 , 40, 82-8	1.3	1
224	Comparison of Single-fraction and Multi-fraction Stereotactic Radiotherapy for Patients with 18F-fluorodeoxyglucose Positron Emission Tomography-staged Pulmonary Oligometastases. <i>Clinical Oncology</i> , 2015 , 27, 353-61	2.8	23
223	What benefit could be derived from on-line adaptive prostate radiotherapy using rectal diameter as a predictor of motion?. <i>Journal of Medical Physics</i> , 2015 , 40, 18-23	0.7	6
222	Risk factors for radiotherapy incidents and impact of an online electronic reporting system. <i>Radiotherapy and Oncology</i> , 2014 , 112, 199-204	5.3	17
221	A prospective investigation into the clinical impact of 4D-PET/CT in the characterisation of solitary pulmonary nodules. <i>Cancer Imaging</i> , 2014 , 14, 24	5.6	14
220	Seminal vesicle intrafraction motion analysed with cinematic magnetic resonance imaging. <i>Radiation Oncology</i> , 2014 , 9, 174	4.2	27
219	A collimated detection system for assessing leakage dose from medical linear accelerators at the patient plane. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2014 , 37, 15-23	1.9	3
218	Comparison of margins, integral dose and interfraction target coverage with image-guided radiotherapy compared with non-image-guided radiotherapy for bladder cancer. <i>Clinical Oncology</i> , 2014 , 26, 497-505	2.8	9
217	A study on planning organ at risk volume for the rectum using cone beam computed tomography in the treatment of prostate cancer. <i>Medical Dosimetry</i> , 2014 , 39, 38-43	1.3	5
216	Differential (18)F-FDG and (18)F-FLT Uptake on Serial PET/CT Imaging Before and During Definitive Chemoradiation for Non-Small Cell Lung Cancer. <i>Journal of Nuclear Medicine</i> , 2014 , 55, 1069-74	8.9	60
215	Evaluation of dosimetric misrepresentations from 3D conventional planning of liver SBRT using 4D deformable dose integration. <i>Journal of Applied Clinical Medical Physics</i> , 2014 , 15, 4978	2.3	9
214	In vivoverification of radiation dose delivered to healthy tissue during radiotherapy for breast cancer. <i>Journal of Physics: Conference Series</i> , 2014 , 489, 012015	0.3	5
213	Fast cine-magnetic resonance imaging point tracking for prostate cancer radiation therapy planning. <i>Journal of Physics: Conference Series</i> , 2014 , 489, 012027	0.3	2
212	A pattern of early radiation-induced inflammatory cytokine expression is associated with lung toxicity in patients with non-small cell lung cancer. <i>PLoS ONE</i> , 2014 , 9, e109560	3.7	70
211	Short communication: timeline of radiation-induced kidney function loss after stereotactic ablative body radiotherapy of renal cell carcinoma as evaluated by serial (99m)Tc-DMSA SPECT/CT. <i>Radiation Oncology</i> , 2014 , 9, 253	4.2	21
210	Effect of light source instability on uniformity of 3D reconstructions from a cone beam optical CT scanner. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2014 , 37, 791-8	1.9	1
209	A review of kidney motion under free, deep and forced-shallow breathing conditions: implications for stereotactic ablative body radiotherapy treatment. <i>Technology in Cancer Research and Treatment</i> , 2014 , 13, 315-23	2.7	30

208	Geographic miss of lung tumours due to respiratory motion: a comparison of 3D vs 4D PET/CT defined target volumes. <i>Radiation Oncology</i> , 2014 , 9, 291	4.2	26
207	A prospective observational study of Gallium-68 ventilation and perfusion PET/CT during and after radiotherapy in patients with non-small cell lung cancer. <i>BMC Cancer</i> , 2014 , 14, 740	4.8	22
206	Remote auditing of radiotherapy facilities using optically stimulated luminescence dosimeters. <i>Medical Physics</i> , 2014 , 41, 032102	4.4	28
205	Getting tissue out of harm's way. <i>Annals of Oncology</i> , 2014 , 25, 915	10.3	
204	Angular dependence of the response of the nanoDot OSLD system for measurements at depth in clinical megavoltage beams. <i>Medical Physics</i> , 2014 , 41, 061712	4.4	24
203	Vacuum immobilisation reduces tumour excursion and minimises intrafraction error in a cohort study of stereotactic ablative body radiotherapy for pulmonary metastases. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2014 , 58, 244-52	1.7	14
202	Stereotactic ablative body radiation therapy for primary kidney cancer: a 3-dimensional conformal technique associated with low rates of early toxicity. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014 , 90, 1061-8	4	45
201	A 2D ion chamber array audit of wedged and asymmetric fields in an inhomogeneous lung phantom. <i>Medical Physics</i> , 2014 , 41, 101712	4.4	17
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