

Vincenzo Valentini

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.

517
papers

15,595
citations

55
h-index

107
g-index

559
ext. papers

18,827
ext. citations

3
avg, IF

6.15
L-index

#	Paper	IF	Citations
517	A real-time integrated framework to support clinical decision making for covid-19 patients.. <i>Computer Methods and Programs in Biomedicine</i> , 2022 , 217, 106655	6.9	0
516	THUNDER 2: THERagnostic Utilities for Neoplastic DisEases of the Rectum by MRI guided radiotherapy.. <i>BMC Cancer</i> , 2022 , 22, 67	4.8	3
515	Personalized Automation of Treatment Planning for Linac-Based Stereotactic Body Radiotherapy of Spine Cancer.. <i>Frontiers in Oncology</i> , 2022 , 12, 824532	5.3	0
514	Stereotactic radiosurgery for bone metastases in oligometastatic prostate cancer patients: DESTROY-2 clinical trial subanalysis.. <i>Clinical and Translational Oncology</i> , 2022 , 1	3.6	2
513	The impact of radiomics in diagnosis and staging of pancreatic cancer.. <i>Therapeutic Advances in Gastrointestinal Endoscopy</i> , 2022 , 15, 26317745221081596	1.6	1
512	A Predictive Model of 2yDFS During MR-Guided RT Neoadjuvant Chemoradiotherapy in Locally Advanced Rectal Cancer Patients.. <i>Frontiers in Oncology</i> , 2022 , 12, 831712	5.3	0
511	Local tuning of radiomics-based model for predicting pathological response to neoadjuvant chemoradiotherapy in locally advanced rectal cancer.. <i>BMC Medical Imaging</i> , 2022 , 22, 44	2.9	0
510	Current controversies in TNM for the radiological staging of rectal cancer and how to deal with them: results of a global online survey and multidisciplinary expert consensus.. <i>European Radiology</i> , 2022 , 1	8	2
509	Radiomics-based prediction of two-year clinical outcome in locally advanced cervical cancer patients undergoing neoadjuvant chemoradiotherapy.. <i>Radiologia Medica</i> , 2022 , 1	6.5	4
508	Clinical Impact of Pathologic Residual Tumor in Locally Advanced Cervical Cancer Patients Managed by Chemoradiotherapy Followed by Radical Surgery: A Large, Multicenter, Retrospective Study.. <i>Annals of Surgical Oncology</i> , 2022 , 1	3.1	1
507	Immunosuppressive treatment and radiotherapy in kidney transplant patients: A systematic review.. <i>World Journal of Radiology</i> , 2022 , 14, 60-69	2.9	
506	Bayesian network structure for predicting local tumor recurrence in rectal cancer patients treated with neoadjuvant chemoradiation followed by surgery.. <i>Physics and Imaging in Radiation Oncology</i> , 2022 , 22, 1-7	3.1	0
505	BRIDGE -1 TRIAL: BReak Interval Delayed surgery for Gastrointestinal Extrapertitoneal rectal cancer, a multicentric phase III randomized trial.. <i>Clinical and Translational Radiation Oncology</i> , 2022 , 34, 30-36	4.6	
504	Applicability of a pathological complete response magnetic resonance-based radiomics model for locally advanced rectal cancer in intercontinental cohort.. <i>Radiation Oncology</i> , 2022 , 17, 78	4.2	1
503	Building an Artificial Intelligence Laboratory Based on Real World Data: The Experience of Gemelli Generator. <i>Frontiers in Computer Science</i> , 2021 , 3,	3.4	2
502	When your MR linac is down: Can an automated pipeline bail you out of trouble?. <i>Physica Medica</i> , 2021 , 91, 80-86	2.7	1
501	Automated hybrid volumetric modulated arc therapy (HVMAT) for whole-breast irradiation with simultaneous integrated boost to lumpectomy area : AI treatment planning study. <i>Strahlentherapie Und Onkologie</i> , 2021 , 1	4.3	2

500	Multidisciplinary Tumor Board Smart Virtual Assistant in Locally Advanced Cervical Cancer: A Proof of Concept.. <i>Frontiers in Oncology</i> , 2021 , 11, 797454	5.3	0
499	Stereotactic body radiotherapy to lymph nodes in oligoprogressive castration-resistant prostate cancer patients: a post hoc analysis from two phase I clinical trials. <i>Clinical and Experimental Metastasis</i> , 2021 , 38, 519-526	4.7	1
498	Unconventional radiotherapy to enhance immunotherapy efficacy in bulky tumors: a case report. <i>Immunotherapy</i> , 2021 , 13, 1457-1463	3.8	0
497	Does restaging MRI radiomics analysis improve pathological complete response prediction in rectal cancer patients? A prognostic model development. <i>Radiologia Medica</i> , 2021 , 1	6.5	7
496	MR-Guided Radiotherapy for Rectal Cancer: Current Perspective on Organ Preservation. <i>Frontiers in Oncology</i> , 2021 , 11, 619852	5.3	10
495	Translational Research in the Era of Precision Medicine: Where We Are and Where We Will Go. <i>Journal of Personalized Medicine</i> , 2021 , 11,	3.6	14
494	Perspectives and limits of cancer treatment in an oldest old population. <i>Aging Clinical and Experimental Research</i> , 2021 , 33, 2831-2837	4.8	1
493	Pretreatment MRI Radiomics Based Response Prediction Model in Locally Advanced Cervical Cancer. <i>Diagnostics</i> , 2021 , 11,	3.8	5
492	Development of a Digital Research Assistant for the Management of Patients' Enrollment in Oncology Clinical Trials within a Research Hospital. <i>Journal of Personalized Medicine</i> , 2021 , 11,	3.6	1
491	Delta radiomics for rectal cancer response prediction using low field magnetic resonance guided radiotherapy: an external validation. <i>Physica Medica</i> , 2021 , 84, 186-191	2.7	13
490	Delivery of online adaptive magnetic resonance guided radiotherapy based on isodose boundaries. <i>Physics and Imaging in Radiation Oncology</i> , 2021 , 18, 78-81	3.1	
489	Immunotherapy and radiotherapy in melanoma: a multidisciplinary comprehensive review. <i>Human Vaccines and Immunotherapeutics</i> , 2021 , 1-8	4.4	8
488	The Role of Artificial Intelligence in Managing Multimorbidity and Cancer. <i>Journal of Personalized Medicine</i> , 2021 , 11,	3.6	6
487	Dosimetric accuracy of dual isocenter irradiation in low magnetic field resonance guided radiotherapy system for extended abdominal tumours. <i>Physica Medica</i> , 2021 , 84, 149-158	2.7	1
486	VMAT-like plans for magnetic resonance guided radiotherapy: Addressing unmet needs. <i>Physica Medica</i> , 2021 , 85, 72-78	2.7	2
485	Could the conservative approach be considered safe in the treatment of locally advanced rectal cancer in case of a clinical near-complete or complete response? A retrospective analysis. <i>Clinical and Translational Radiation Oncology</i> , 2021 , 23, 1-9	4.6	4
484	Artificial Intelligence in magnetic Resonance guided Radiotherapy: Medical and physical considerations on state of art and future perspectives. <i>Physica Medica</i> , 2021 , 85, 175-191	2.7	16
483	Successful Treatment of Tumor-Induced Osteomalacia by Multidisciplinary Therapy with Radiation to Intracranial Fibromyxoid Tumor. <i>Case Reports in Endocrinology</i> , 2021 , 2021, 8841259	1.2	

482	Personalized Treatment Planning Automation in Prostate Cancer Radiation Oncology: A Comprehensive Dosimetric Study. <i>Frontiers in Oncology</i> , 2021 , 11, 636529	5.3	6
481	Prevalence of nodal involvement in rectal cancer after chemoradiotherapy. <i>British Journal of Surgery</i> , 2021 , 108, 1251-1258	5.3	1
480	Resilience in Radiotherapy Services During the COVID-19 Emergency: Collaboration Between the Regional Radiation Oncology Departments of Lazio, Abruzzo and Molise. <i>Anticancer Research</i> , 2021 , 41, 3561-3565	2.3	
479	Long-Term Outcomes of Local Excision Following Neoadjuvant Chemoradiotherapy for Locally Advanced Rectal Cancer. <i>Annals of Surgical Oncology</i> , 2021 , 28, 2801-2808	3.1	2
478	Hypofractionated sequential radiotherapy boost: a promising strategy in inoperable locally advanced pancreatic cancer patients. <i>Journal of Cancer Research and Clinical Oncology</i> , 2021 , 147, 661-667	4.9	2
477	Functional results of exclusive interventional radiotherapy (brachytherapy) in the treatment of nasal vestibule carcinomas. <i>Brachytherapy</i> , 2021 , 20, 178-184	2.4	5
476	Minimally Invasive Approaches in Locally Advanced Cervical Cancer Patients Undergoing Radical Surgery After Chemoradiotherapy: A Propensity Score Analysis. <i>Annals of Surgical Oncology</i> , 2021 , 28, 3616-3626	3.1	10
475	Advanced head and neck cancer in older adults: Results of a short course accelerated radiotherapy trial. <i>Journal of Geriatric Oncology</i> , 2021 , 12, 441-445	3.6	8
474	Timing to achieve the highest rate of pCR after preoperative radiochemotherapy in rectal cancer: a pooled analysis of 3085 patients from 7 randomized trials. <i>Radiotherapy and Oncology</i> , 2021 , 154, 154-160	5.3	17
473	A field strength independent MR radiomics model to predict pathological complete response in locally advanced rectal cancer. <i>Radiologia Medica</i> , 2021 , 126, 421-429	6.5	30
472	ESTRO ACROP guidelines for target volume definition in pancreatic cancer. <i>Radiotherapy and Oncology</i> , 2021 , 154, 60-69	5.3	14
471	Preoperative chemoradiotherapy affects postoperative outcomes and functional results in patients treated with transanal endoscopic microsurgery for rectal neoplasms. <i>Techniques in Coloproctology</i> , 2021 , 25, 319-331	2.9	4
470	GENERATOR Breast DataMart-The Novel Breast Cancer Data Discovery System for Research and Monitoring: Preliminary Results and Future Perspectives. <i>Journal of Personalized Medicine</i> , 2021 , 11,	3.6	3
469	Predicting Radiotherapy Impact on Late Bladder Toxicity in Prostate Cancer Patients: An Observational Study. <i>Cancers</i> , 2021 , 13,	6.6	1
468	Challenges in lung and heart avoidance for postmastectomy breast cancer radiotherapy: Is automated planning the answer?. <i>Medical Dosimetry</i> , 2021 , 46, 295-303	1.3	4
467	MRI-guided stereotactic radiation therapy for hepatocellular carcinoma: a feasible and safe innovative treatment approach. <i>Journal of Cancer Research and Clinical Oncology</i> , 2021 , 147, 2057-2068	4.9	7
466	Personalised support of brain tumour patients during radiotherapy based on psychological profile and quality of life. <i>Supportive Care in Cancer</i> , 2021 , 29, 4555-4563	3.9	3
465	X-change symposium: status and future of modern radiation oncology-from technology to biology. <i>Radiation Oncology</i> , 2021 , 16, 27	4.2	1

464	Personalized automation of treatment planning in head-neck cancer: A step forward for quality in radiation therapy?. <i>Physica Medica</i> , 2021 , 82, 7-16	2.7	5
463	The impact of the multidisciplinary tumor board (MDTB) on the management of pancreatic diseases in a tertiary referral center. <i>ESMO Open</i> , 2021 , 6, 100010	6	4
462	Process mining to optimize palliative patient flow in a high-volume radiotherapy department. <i>Technical Innovations and Patient Support in Radiation Oncology</i> , 2021 , 17, 32-39	1.9	3
461	International consensus recommendations on key outcome measures for organ preservation after (chemo)radiotherapy in patients with rectal cancer. <i>Nature Reviews Clinical Oncology</i> , 2021 , 18, 805-816	19.4	10
460	Palliative radiotherapy indications during the COVID-19 pandemic and in future complex logistic settings: the NORMALITY model. <i>Radiologia Medica</i> , 2021 , 1	6.5	12
459	The "PC-WIRED" study: Patient Centred Evolution of Websites of Italian Radiotherapy Departments. <i>Patient Education and Counseling</i> , 2021 , 104, 2152-2153	3.1	0
458	ESTRO ACROP guidelines for the delineation of lymph nodal areas in upper gastrointestinal malignancies. <i>Radiotherapy and Oncology</i> , 2021 , 164, 92-97	5.3	1
457	Radiation therapy for prostate cancer: What's the best in 2021. <i>Urologia</i> , 2021 , 3915603211042335	1.2	0
456	On dose cube pixel spacing pre-processing for features extraction stability in dosiomic studies. <i>Physica Medica</i> , 2021 , 90, 108-114	2.7	0
455	Delta Radiomics Analysis for Local Control Prediction in Pancreatic Cancer Patients Treated Using Magnetic Resonance Guided Radiotherapy. <i>Diagnostics</i> , 2021 , 11,	3.8	13
454	Non-melanoma Skin Cancer Treated by Contact High-dose-rate Radiotherapy (Brachytherapy): A Mono-institutional Series and Literature Review. <i>In Vivo</i> , 2021 , 35, 2313-2319	2.3	5
453	Fractal-Based Radiomic Approach to Tailor the Chemotherapy Treatment in Rectal Cancer: A Generating Hypothesis Study.. <i>Frontiers in Oncology</i> , 2021 , 11, 774413	5.3	2
452	Automated treatment planning as a dose escalation strategy for stereotactic radiation therapy in pancreatic cancer. <i>Journal of Applied Clinical Medical Physics</i> , 2020 , 21, 48-57	2.3	4
451	Quantitative analysis of MRI-guided radiotherapy treatment process time for tumor real-time gating efficiency. <i>Journal of Applied Clinical Medical Physics</i> , 2020 , 21, 70-79	2.3	5
450	INTERACTS (INTERventional Radiotherapy ACTIVE Teaching School) consensus conference on sarcoma interventional radiotherapy (brachytherapy) endorsed by AIRO (Italian Association of Radiotherapy and Clinical Oncology). <i>Journal of Contemporary Brachytherapy</i> , 2020 , 12, 397-404	1.9	2
449	A new standardized data collection system for brain stereotactic external radiotherapy: the PRE.M.I.S.E project. <i>Future Science OA</i> , 2020 , 6, FSO596	2.7	3
448	BIT-ART: Multicentric Comparison of HDR-brachytherapy, Intensity-modulated Radiotherapy and Tomotherapy for Advanced Radiotherapy in Prostate Cancer. <i>In Vivo</i> , 2020 , 34, 1297-1305	2.3	1
447	Role of radiation oncology in modern multidisciplinary cancer treatment. <i>Molecular Oncology</i> , 2020 , 14, 1431-1441	7.9	8

446	Stereobody radiotherapy for nodal recurrences in oligometastatic patients: a pooled analysis from two phase I clinical trials. <i>Clinical and Experimental Metastasis</i> , 2020 , 37, 519-529	4.7	2
445	SKIN-COBRA (Consortium for Brachytherapy data Analysis) ontology: The first step towards interdisciplinary standardized data collection for personalized oncology in skin cancer. <i>Journal of Contemporary Brachytherapy</i> , 2020 , 12, 105-110	1.9	12
444	Reliability of ITV approach to varying treatment fraction time: a retrospective analysis based on 2D cine MR images. <i>Radiation Oncology</i> , 2020 , 15, 152	4.2	7
443	Intraluminal Brachytherapy in Unresectable Extrahepatic Biliary Duct Cancer: An Italian Pooled Analysis. <i>Anticancer Research</i> , 2020 , 40, 3417-3421	2.3	6
442	Could a Personalized Strategy Using Accelerated Partial Breast Irradiation be an Advantage for Elderly Patients? A Systematic Review of the Literature and Multidisciplinary Opinion. <i>Journal of Oncology</i> , 2020 , 2020, 3928976	4.5	7
441	The Image Biomarker Standardization Initiative: Standardized Quantitative Radiomics for High-Throughput Image-based Phenotyping. <i>Radiology</i> , 2020 , 295, 328-338	20.5	734
440	Exploring technical issues in personalized medicine: NSCLC survival prediction by quantitative image analysis-usefulness of density correction of volumetric CT data. <i>Radiologia Medica</i> , 2020 , 125, 625-635	6.5	13
439	Basics and Frontiers on Pancreatic Cancer for Radiation Oncology: Target Delineation, SBRT, SIB technique, MRgRT, Particle Therapy, Immunotherapy and Clinical Guidelines. <i>Cancers</i> , 2020 , 12,	6.6	12
438	Management of The Elderly Cancer Patients Complexity: The Radiation Oncology Potential 2020 , 11, 649-657		10
437	Optimized stereotactic volumetric modulated arc therapy as an alternative to brachytherapy for vaginal cuff boost. A dosimetric study. <i>Medical Dosimetry</i> , 2020 , 45, 352-358	1.3	1
436	MRI in pregnant patients with suspected abdominal and pelvic cancer: a practical guide for radiologists. <i>Diagnostic and Interventional Radiology</i> , 2020 , 26, 183-192	3.2	4
435	Template-based automation of treatment planning in advanced radiotherapy: a comprehensive dosimetric and clinical evaluation. <i>Scientific Reports</i> , 2020 , 10, 423	4.9	21
434	Outcome measures in multimodal rectal cancer trials. <i>Lancet Oncology, The</i> , 2020 , 21, e252-e264	21.7	24
433	Skin cancer triage and management during COVID-19 pandemic. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2020 , 34, 1136-1139	4.6	32
432	Radiotherapy imaging: An unexpected ally in fighting COVID 19 pandemic. <i>Radiotherapy and Oncology</i> , 2020 , 148, 223-224	5.3	6
431	Low Tesla magnetic resonance guided radiotherapy for locally advanced cervical cancer: first clinical experience. <i>Tumori</i> , 2020 , 106, 497-505	1.7	11
430	Case Report: First in Human Online Adaptive MR Guided SBRT of Peritoneal Carcinomatosis Nodules: A New Therapeutic Approach for the Oligo-Metastatic Patient. <i>Frontiers in Oncology</i> , 2020 , 10, 601739	5.3	3
429	Interventional radiotherapy as exclusive treatment for primary nasal vestibule cancer: single-institution experience. <i>Journal of Contemporary Brachytherapy</i> , 2020 , 12, 413-419	1.9	5

428	Artificial intelligence (AI) and interventional radiotherapy (brachytherapy): state of art and future perspectives. <i>Journal of Contemporary Brachytherapy</i> , 2020 , 12, 497-500	1.9	11
427	The 2018 assisi think tank meeting on breast cancer: International expert panel white paper. <i>Critical Reviews in Oncology/Hematology</i> , 2020 , 151, 102967	7	5
426	The prognostic role of FDG PET/CT before combined radio-chemotherapy in anal cancer patients. <i>Annals of Nuclear Medicine</i> , 2020 , 34, 65-73	2.5	5
425	A Large, Multicenter, Retrospective Study on Efficacy and Safety of Stereotactic Body Radiotherapy (SBRT) in Oligometastatic Ovarian Cancer (MITO RT1 Study): A Collaboration of MITO, AIRO GYN, and MaNGO Groups. <i>Oncologist</i> , 2020 , 25, e311-e320	5.7	26
424	Distributed learning on 20 000+ lung cancer patients - The Personal Health Train. <i>Radiotherapy and Oncology</i> , 2020 , 144, 189-200	5.3	47
423	The 2017 Assisi Think Tank Meeting on rectal cancer: A positioning paper. <i>Radiotherapy and Oncology</i> , 2020 , 142, 6-16	5.3	8
422	DW-MRI predictive factors for radiation-induced vaginal stenosis in patients with cervical cancer. <i>Clinical Radiology</i> , 2020 , 75, 216-223	2.9	1
421	Hybrid MRI guided radiotherapy in locally advanced cervical cancer: Case report of an innovative personalized therapeutic approach. <i>Clinical and Translational Radiation Oncology</i> , 2020 , 20, 27-29	4.6	8
420	Germline BRCA 1-2 status prediction through ovarian ultrasound images radiogenomics: a hypothesis generating study (PROBE study). <i>Scientific Reports</i> , 2020 , 10, 16511	4.9	7
419	Intensity-Modulated Radiotherapy with Concomitant Boost After Breast Conserving Surgery: A Phase I-II Trial. <i>Breast Cancer: Targets and Therapy</i> , 2020 , 12, 243-249	3.9	2
418	Delta Radiomics Can Predict Distant Metastasis in Locally Advanced Rectal Cancer: The Challenge to Personalize the Cure. <i>Frontiers in Oncology</i> , 2020 , 10, 595012	5.3	14
417	Evaluation of an Early Regression Index (ERITCP) as Predictor of Pathological Complete Response in Cervical Cancer: A Pilot-Study. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 8001	2.6	8
416	Recent advances in (chemo-)radiation therapy for rectal cancer: a comprehensive review. <i>Radiation Oncology</i> , 2020 , 15, 262	4.2	13
415	External Validation of Early Regression Index (ERI) as Predictor of Pathologic Complete Response in Rectal Cancer Using Magnetic Resonance-Guided Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020 , 108, 1347-1356	4	21
414	Stability of dosomics features extraction on grid resolution and algorithm for radiotherapy dose calculation. <i>Physica Medica</i> , 2020 , 77, 30-35	2.7	8
413	On-line adaptive MR guided radiotherapy for locally advanced pancreatic cancer: Clinical and dosimetric considerations. <i>Technical Innovations and Patient Support in Radiation Oncology</i> , 2020 , 15, 15-21	1.9	21
412	Radiation therapy technologists' involvement and opinion in research: A national survey in Italy. <i>Technical Innovations and Patient Support in Radiation Oncology</i> , 2020 , 15, 11-14	1.9	
411	Multidisciplinary personalized approach in the management of vulvar cancer - the Vul.Can Team experience. <i>International Journal of Gynecological Cancer</i> , 2020 , 30, 932-938	3.5	3

410	Fusion imaging of ultrasound and MRI in the assessment of locally advanced cervical cancer: a prospective study. <i>International Journal of Gynecological Cancer</i> , 2020 , 30, 456-465	3.5	4
409	A deep learning approach to generate synthetic CT in low field MR-guided adaptive radiotherapy for abdominal and pelvic cases. <i>Radiotherapy and Oncology</i> , 2020 , 153, 205-212	5.3	14
408	Diagnosis and Treatment of Bone Metastases in Breast Cancer: Radiotherapy, Local Approach and Systemic Therapy in a Guide for Clinicians. <i>Cancers</i> , 2020 , 12,	6.6	8
407	"Primum Non Nocere" in Interventional Oncology for Liver Cancer: How to Reduce the Risk for Complications?. <i>Life</i> , 2020 , 10,	3	2
406	Characterization of an inorganic scintillator for small-field dosimetry in MR-guided radiotherapy. <i>Journal of Applied Clinical Medical Physics</i> , 2020 , 21, 244-251	2.3	5
405	Biological and Functional Biomarkers of Aging: Definition, Characteristics, and How They Can Impact Everyday Cancer Treatment. <i>Current Oncology Reports</i> , 2020 , 22, 115	6.3	9
404	On the accuracy of bulk synthetic CT for MR-guided online adaptive radiotherapy. <i>Radiologia Medica</i> , 2020 , 125, 157-164	6.5	8
403	Spatially fractionated radiotherapy (SFRT) targeting the hypoxic tumor segment for the intentional induction of non-targeted effects: An study to exploit a new treatment paradigm. <i>Technical Innovations and Patient Support in Radiation Oncology</i> , 2020 , 14, 11-14	1.9	1
402	International expert consensus statement regarding radiotherapy treatment options for rectal cancer during the COVID 19 pandemic. <i>Radiotherapy and Oncology</i> , 2020 , 148, 213-215	5.3	40
401	Post-Operative Accelerated-Hypofractionated Chemoradiation With Volumetric Modulated Arc Therapy and Simultaneous Integrated Boost in Glioblastoma: A Phase I Study (ISIDE-BT-2). <i>Frontiers in Oncology</i> , 2020 , 10, 626400	5.3	1
400	Pain REduction with bone metastases STereotactic radiotherapy (PREST): A phase III randomized multicentric trial. <i>Trials</i> , 2019 , 20, 609	2.8	6
399	Comparison of radiomics tools for image analyses and clinical prediction in nasopharyngeal carcinoma. <i>British Journal of Radiology</i> , 2019 , 92, 20190271	3.4	23
398	Cosmetic assessment in brachytherapy (interventional radiotherapy) for breast cancer: A multidisciplinary review. <i>Brachytherapy</i> , 2019 , 18, 635-644	2.4	1
397	Efficacy of an eye movement desensitization and reprocessing (EMDR) intervention for a head and neck cancer patient with intolerable anxiety undergoing radiotherapy. <i>Psycho-Oncology</i> , 2019 , 28, 647-649	2.9	4
396	MR-guidance in clinical reality: current treatment challenges and future perspectives. <i>Radiation Oncology</i> , 2019 , 14, 92	4.2	139
395	Radiotherapy or Chemoradiation in Unresectable Biliary Cancer: A Retrospective Study. <i>Anticancer Research</i> , 2019 , 39, 3095-3100	2.3	10
394	Multi-object tracking in MRI-guided radiotherapy using the tracking-learning-detection framework. <i>Radiotherapy and Oncology</i> , 2019 , 138, 25-29	5.3	9
393	Adjuvant chemoradiation in pancreatic cancer: impact of radiotherapy dose on survival. <i>BMC Cancer</i> , 2019 , 19, 569	4.8	6

392	A new frontier of image guidance: Organs at risk avoidance with MRI-guided respiratory-gated intensity modulated radiotherapy: Technical note and report of a case. <i>Journal of Applied Clinical Medical Physics</i> , 2019 , 20, 194-198	2.3	14
391	Current state of interventional radiotherapy (brachytherapy) education in Italy: results of the INTERACTS survey. <i>Journal of Contemporary Brachytherapy</i> , 2019 , 11, 48-53	1.9	16
390	The Assisi Think Tank Meeting Survey of post-mastectomy radiation therapy in ductal carcinoma in situ: Suggestions for routine practice. <i>Critical Reviews in Oncology/Hematology</i> , 2019 , 138, 207-213	7	4
389	Online adaptive magnetic resonance guided radiotherapy for pancreatic cancer: state of the art, pearls and pitfalls. <i>Radiation Oncology</i> , 2019 , 14, 71	4.2	63
388	Personalized re-treatment strategy for uveal melanoma local recurrences after interventional radiotherapy (brachytherapy): single institution experience and systematic literature review. <i>Journal of Contemporary Brachytherapy</i> , 2019 , 11, 54-60	1.9	12
387	Epid-based in vivo dose verification for lung stereotactic treatments delivered with multiple breath-hold segmented volumetric modulated arc therapy. <i>Journal of Applied Clinical Medical Physics</i> , 2019 , 20, 37-44	2.3	12
386	IMproved Management (IM-MA study) in cancer-related pain: the value of a joint approach by an integrated team of radiotherapist and anesthetist. <i>Supportive Care in Cancer</i> , 2019 , 27, 505-512	3.9	4
385	MR-guided radiotherapy in rectal cancer: First clinical experience of an innovative technology. <i>Clinical and Translational Radiation Oncology</i> , 2019 , 18, 80-86	4.6	35
384	Online MR guided radiotherapy for rectal cancer. New opportunities. <i>Clinical and Translational Radiation Oncology</i> , 2019 , 18, 66-67	4.6	21
383	On the Feasibility of Distributed Process Mining in Healthcare. <i>Lecture Notes in Computer Science</i> , 2019 , 445-452	0.9	2
382	Automated VMAT Treatment Planning for Complex Cancer Cases: A Feasibility Study. <i>IFMBE Proceedings</i> , 2019 , 463-467	0.2	1
381	The INTERACT Trial: Long-term results of a randomised trial on preoperative capecitabine-based radiochemotherapy intensified by concomitant boost or oxaliplatin, for cT2 (distal)-cT3 rectal cancer. <i>Radiotherapy and Oncology</i> , 2019 , 134, 110-118	5.3	26
380	Interventional radiotherapy (brachytherapy) for squamous cell carcinoma of the nasal vestibule: a multidisciplinary systematic review. <i>European Journal of Dermatology</i> , 2019 , 29, 417-421	0.8	12
379	Identification of the most significant magnetic resonance imaging (MRI) radiomic features in oncological patients with vertebral bone marrow metastatic disease: a feasibility study. <i>Radiologia Medica</i> , 2019 , 124, 50-57	6.5	28
378	Combination of novel systemic agents and radiotherapy for solid tumors - Part II: An AIRO (Italian association of radiotherapy and clinical oncology) overview focused on treatment toxicity. <i>Critical Reviews in Oncology/Hematology</i> , 2019 , 134, 104-119	7	5
377	Musculoskeletal aging, sarcopenia and cancer. <i>Journal of Geriatric Oncology</i> , 2019 , 10, 504-509	3.6	20
376	Magnetic resonance imaging (MRI) compared with computed tomography (CT) for interobserver agreement of gross tumor volume delineation in pancreatic cancer: a multi-institutional contouring study on behalf of the AIRO group for gastrointestinal cancers. <i>Acta Oncologica</i> , 2019 , 58, 439-447	3.2	6
375	Delta radiomics for rectal cancer response prediction with hybrid 0.35T magnetic resonance-guided radiotherapy (MRgRT): a hypothesis-generating study for an innovative personalized medicine approach. <i>Radiologia Medica</i> , 2019 , 124, 145-153	6.5	70

374	The role of personalized Interventional Radiotherapy (brachytherapy) in the management of older patients with non-melanoma skin cancer. <i>Journal of Geriatric Oncology</i> , 2019 , 10, 514-517	3.6	28
373	Dose escalation in extracranial stereotactic ablative radiotherapy (DESTROY-1): A multiarm Phase I trial. <i>British Journal of Radiology</i> , 2019 , 92, 20180422	3.4	4
372	Individual 3-dimensional printed mold for treating hard palate carcinoma with brachytherapy: A clinical report. <i>Journal of Prosthetic Dentistry</i> , 2019 , 121, 690-693	4	19
371	Combination of novel systemic agents and radiotherapy for solid tumors - part I: An AIRO (Italian association of radiotherapy and clinical oncology) overview focused on treatment efficacy. <i>Critical Reviews in Oncology/Hematology</i> , 2019 , 134, 87-103	7	4
370	Prognostic Impact of Presurgical CA19-9 Level in Pancreatic Adenocarcinoma: A Pooled Analysis. <i>Translational Oncology</i> , 2019 , 12, 1-7	4.9	10
369	Towards a modular decision support system for radiomics: A case study on rectal cancer. <i>Artificial Intelligence in Medicine</i> , 2019 , 96, 145-153	7.4	20
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