Massimo Bellomi

List of Publications by Year
in descending order

68 papers	2,857 citations	218677 26 h-index	182427 51 g-index
70 all docs	70 docs citations	70 times ranked	4951 citing authors

#	Article	IF	Citations
1	MRI-based radiomics signature for localized prostate cancer: a new clinical tool for cancer aggressiveness prediction? Sub-study of prospective phase II trial on ultra-hypofractionated radiotherapy (AIRC IG-13218). European Radiology, 2021, 31, 716-728.	4.5	31
2	Apparent Diffusion Coefficient and Other Preoperative Magnetic Resonance Imaging Features for the Prediction of Positive Surgical Margins in Prostate Cancer Patients Undergoing Radical Prostatectomy. Clinical Genitourinary Cancer, 2021, 19, e335-e345.	1.9	7
3	Pre-operative evaluation of epithelial ovarian cancer patients: Role of whole body diffusion weighted imaging MR and CT scans in the selection of patients suitable for primary debulking surgery. A single-centre study. European Journal of Radiology, 2020, 123, 108786.	2.6	31
4	Association between baseline tumour burden and outcome in patients with cancer treated with next-generation immunoncology agents. European Journal of Cancer, 2020, 139, 92-98.	2.8	12
5	External validation of radiomics-based predictive models in low-dose CT screening for early lung cancer diagnosis. Medical Physics, 2020, 47, 4125-4136.	3.0	20
6	Association of a CT-Based Clinical and Radiomics Score of Non-Small Cell Lung Cancer (NSCLC) with Lymph Node Status and Overall Survival. Cancers, 2020, 12, 1432.	3.7	34
7	Will traditional biopsy be substituted by radiomics and liquid biopsy for breast cancer diagnosis and characterisation?. Medical Oncology, 2020, 37, 29.	2.5	34
8	Impact of a dedicated radiologist as a member of the head and neck tumour board: a single-institution experience. Acta Otorhinolaryngologica Italica, 2020, 40, 26-32.	1.5	9
9	7-T MRI tracking of mesenchymal stromal cells after lung injection in a rat model. European Radiology Experimental, 2020, 4, 54.	3.4	5
10	Do DWI and quantitative DCE perfusion MR have a prognostic value in high-grade serous ovarian cancer?. Radiologia Medica, 2019, 124, 1315-1323.	7.7	7
11	Computed Tomography-Guided Percutaneous Radiotracer Localization and Resection of Indistinct/Small Pulmonary Lesions. Annals of Thoracic Surgery, 2019, 108, 852-858.	1.3	14
12	National guidelines for dental diagnostic imaging in the developmental age. Radiologia Medica, 2019, 124, 887-916.	7.7	13
13	Towards mm-wave spectroscopy for dielectric characterization of breast surgical margins. Breast, 2019, 45, 64-69.	2.2	28
14	Low-dose computed tomography screening for lung cancer in people with workplace exposure to asbestos. Lung Cancer, 2019, 131, 23-30.	2.0	17
15	A clustering approach to 4D MRI retrospective sorting for the investigation of different surrogates. Physica Medica, 2019, 58, 107-113.	0.7	13
16	Whole-body magnetic resonance imaging (WB-MRI) in oncology: recommendations and key uses. Radiologia Medica, 2019, 124, 218-233.	7.7	52
17	Genomics of non-small cell lung cancer (NSCLC): Association between CT-based imaging features and EGFR and K-RAS mutations in 122 patients—An external validation. European Journal of Radiology, 2019, 110, 148-155.	2.6	22
18	Preoperative evaluation with computed tomography (CT) of the resectability of mesenteric lymph node metastases in small intestine neuroendocrine neoplasms (si-NENs): New criteria for clinicians and surgeons.. Journal of Clinical Oncology, 2019, 37, 212-212.	1.6	0

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19	Metastatic and non-metastatic lymph nodes: quantification and different distribution of iodine uptake assessed by dual-energy CT. European Radiology, 2018, 28, 760-769.	4.5	50
20	Evaluation of deep myometrial invasion in endometrial cancer patients: is dual-energy CT an option?. Radiologia Medica, 2018, 123, 13-19.	7.7	13
21	Iodixanol versus iopromide in cancer patients: Evidence from a randomized clinical trial. Journal of Cellular Physiology, 2018, 233, 2572-2580.	4.1	11
22	Radiomics: the facts and the challenges of image analysis. European Radiology Experimental, 2018, 2, 36.	3.4	670
23	Endometrial cancer: an overview of novelties in treatment and related imaging keypoints for local staging. Cancer Imaging, 2018, 18, 45.	2.8	41
24	Radiomics of high-grade serous ovarian cancer: association between quantitative CT features, residual tumour and disease progression within 12 months. European Radiology, 2018, 28, 4849-4859.	4.5	100
25	Radiogenomics as association between non-invasive imaging features and molecular genomics of lung cancer. Annals of Translational Medicine, 2018, 6, 447-447.	1.7	7
26	Diagnostic accuracy of surface coil MRI in assessing cartilaginous invasion in laryngeal tumours: Do we need contrast-agent administration?. European Radiology, 2017, 27, 4690-4698.	4.5	15
27	Signal intensity change on unenhanced T1-weighted images in dentate nucleus and globus pallidus after multiple administrations of gadoxetate disodium: an intraindividual comparative study. European Radiology, 2017, 27, 4372-4378.	4.5	30
28	A tool for validating MRI-guided strategies: a digital breathing CT/MRI phantom of the abdominal site. Medical and Biological Engineering and Computing, 2017, 55, 2001-2014.	2.8	29
29	Evaluation of inter-observer variability according to RECIST 1.1 and its influence on response classification in CT measurement of liver metastases. European Journal of Radiology, 2017, 95, 96-101.	2.6	7
30	In vitro labelling and detection of mesenchymal stromal cells: a comparison between magnetic resonance imaging of iron-labelled cells and magnetic resonance spectroscopy of fluorine-labelled cells. European Radiology Experimental, 2017, 1, 6.	3.4	6
31	Exposure to low dose computed tomography for lung cancer screening and risk of cancer: secondary analysis of trial data and risk-benefit analysis. BMJ: British Medical Journal, 2017, 356, j347.	2.3	183
32	Swallowing Disorders after Oral Cavity and Pharyngolaryngeal Surgery and Role of Imaging. Gastroenterology Research and Practice, 2017, 2017, 1-9.	1.5	6
33	Radiation risk from lung cancer screening. Annals of Translational Medicine, 2017, 5, 480-480.	1.7	2
34	Proposals for revisions of the classification of lung cancers with multiple pulmonary sites: the radiologist's, thoracic surgeon's and oncologist's point of view. Journal of Thoracic Disease, 2016, 8, E805-E808.	1.4	1
35	Molecular Imaging of Stem Cell Transplantation for Liver Diseases: Monitoring, Clinical Translation, and Theranostics. Stem Cells International, 2016, 2016, 1-8.	2.5	22
36	Clinical and radiological features driving patient selection for antiangiogenic therapy in non-small cell lung cancer (NSCLC). Cancer Imaging, 2016, 16, 44.	2.8	4

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37	Spectrum of early lung cancer presentation in low-dose screening CT: a pictorial review. Insights Into Imaging, 2016, 7, 449-459.	3.4	15
38	Evaluation of diffusion-weighted imaging (DWI) and MR spectroscopy (MRS) as early response biomarkers in cervical cancer patients. Radiologia Medica, 2016, 121, 838-846.	7.7	17
39	Primary focal prostate radiotherapy: Do all patients really need whole-prostate irradiation?. Critical Reviews in Oncology/Hematology, 2016, 105, 100-111.	4.4	6
40	The role of ultrasound-guided transcutaneous tru-cut biopsy in diagnosing untreated and recurrent laryngo-hypopharyngeal masses. European Journal of Radiology, 2016, 85, 158-163.	2.6	9
41	Squamous cell carcinoma of the oral cavity and oropharynx: what does the apparent diffusion coefficient tell us about its histology?. Acta Radiologica, 2016, 57, 1344-1351.	1.1	13
42	Dietary inflammatory index and risk of lung cancer and other respiratory conditions among heavy smokers in the COSMOS screening study. European Journal of Nutrition, 2016, 55, 1069-1079.	3.9	61
43	Combining standardized uptake value of FDG-PET and apparent diffusion coefficient of DW-MRI improves risk stratification in head and neck squamous cell carcinoma. European Radiology, 2016, 26, 4432-4441.	4.5	44
44	CT Radiogenomic Characterization of EGFR, K-RAS, and ALK Mutations in Non-Small Cell Lung Cancer. European Radiology, 2016, 26, 32-42.	4.5	210
45	Liver 4DMRI: A retrospective image‐based sorting method. Medical Physics, 2015, 42, 4814-4821.	3.0	57
46	Sarcoidosis with bone involvement mimicking metastatic disease at 18F-FDG PET/CT: problem solving by diffusion whole-body MRI. Ecancermedicalscience, 2015, 9, 537.	1.1	25
47	Radio-Guided Localization and Resection of Small or Ill-Defined Pulmonary Lesions. Annals of Thoracic Surgery, 2015, 100, 1175-1180.	1.3	63
48	Magnetic Resonance Imaging‐Guided versus Surrogate-Based Motion Tracking in Liver Radiation Therapy: A Prospective Comparative Study. International Journal of Radiation Oncology Biology Physics, 2015, 91, 840-848.	0.8	41
49	miR-Test: A Blood Test for Lung Cancer Early Detection. Journal of the National Cancer Institute, 2015, 107, djv063.	6.3	221
50	Positron emission tomography in the diagnostic work-up of screening-detected lung nodules. European Respiratory Journal, 2015, 45, 501-510.	6.7	49
51	Correlation between CT Perfusion and Clinico-Pathological Features in Prostate Cancer: A Prospective Study. Medical Science Monitor, 2015, 21, 153-162.	1.1	7
52	ecancermedicalscience. Ecancermedicalscience, 2014, 8, 464.	1.1	4
53	Role of CT Perfusion in Monitoring and Prediction of Response to Therapy of Head and Neck Squamous Cell Carcinoma. BioMed Research International, 2014, 2014, 1-8.	1.9	19
54	Perfusion CT is a valuable diagnostic method for prostate cancer: a prospective study of 94 patients. Ecancermedicalscience, 2014, 8, 476.	1.1	7

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55	Diagnostic Performance of Low-Dose Computed Tomography Screening for Lung Cancer over Five Years. Journal of Thoracic Oncology, 2014, 9, 935-939.	1.1	58
56	Salvage therapy of small volume prostate cancer nodal failures: A review of the literature. Critical Reviews in Oncology/Hematology, 2014, 90, 24-35.	4.4	25
57	Pre-operative MR evaluation of features that indicate the need of adjuvant therapies in early stage cervical cancer patients. A single-centre experience. European Journal of Radiology, 2014, 83, 858-864.	2.6	11
58	Gynecologic tumors: how to communicate imaging results to the surgeon. Cancer Imaging, 2013, 13, 611-625.	2.8	13
59	Multimodal MRI-based tissue classification in breast ductal carcinoma. , 2012, , .		1
60	Evolution of emphysema in relation to smoking. European Radiology, 2010, 20, 286-292.	4.5	26
61	Reply to Letter to the Editor re: Evolution of emphysema in relation to smoking. European Radiology, 2010, 20, 1623-1623.	4.5	0
62	Computed Tomography-Guided Preoperative Radiotracer Localization of Nonpalpable Lung Nodules. Annals of Thoracic Surgery, 2010, 90, 1759-1764.	1.3	70
63	Imaging as a surveillance tool in rectal cancer. Expert Review of Medical Devices, 2010, 7, 99-112.	2.8	3
64	Lung cancer screening update. Cancer Imaging, 2009, 9, S122-S125.	2.8	6
65	MRI Features of Cotyledonoid Dissecting Leiomyoma of the Uterus. Tumori, 2009, 95, 532-534.	1.1	12
66	Perfusion Computed Tomography for Monitoring Induction Chemotherapy in Patients With Squamous Cell Carcinoma of the Upper Aerodigestive Tract. Journal of Computer Assisted Tomography, 2009, 33, 552-559.	0.9	44
67	Measurement by multidetector CT scan of the volume of hypopharyngeal and laryngeal tumours: accuracy and reproducibility. European Radiology, 2007, 17, 2096-2102.	4.5	21
68	A randomized, prospective trial of central venous ports connected to standard open-ended or Groshong catheters in adult oncology patients. Cancer, 2001, 92, 1204-1212.	4.1	141