Massimo Bellomi

List of Publications by Year in descending order

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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	Radiomics: the facts and the challenges of image analysis. European Radiology Experimental, 2018, 2, 36.	3.4	670
2	miR-Test: A Blood Test for Lung Cancer Early Detection. Journal of the National Cancer Institute, 2015, 107, djv063.	6.3	221
3	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
4	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
5	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
6	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
7	Computed Tomography-Guided Preoperative Radiotracer Localization of Nonpalpable Lung Nodules. Annals of Thoracic Surgery, 2010, 90, 1759-1764.	1.3	70
8	Radio-Guided Localization and Resection of Small or Ill-Defined Pulmonary Lesions. Annals of Thoracic Surgery, 2015, 100, 1175-1180.	1.3	63
9	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
10	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
11	Liver 4DMRI: A retrospective imageâ€based sorting method. Medical Physics, 2015, 42, 4814-4821.	3.0	57
12	Whole-body magnetic resonance imaging (WB-MRI) in oncology: recommendations and key uses. Radiologia Medica, 2019, 124, 218-233.	7.7	52
13	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
14	Positron emission tomography in the diagnostic work-up of screening-detected lung nodules. European Respiratory Journal, 2015, 45, 501-510.	6.7	49
15	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
16	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
17	Magnetic Resonance Imagingâ€“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
18	Endometrial cancer: an overview of novelties in treatment and related imaging keypoints for local staging. Cancer Imaging, 2018, 18, 45.	2.8	41

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19	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
20	Will traditional biopsy be substituted by radiomics and liquid biopsy for breast cancer diagnosis and characterisation?. Medical Oncology, 2020, 37, 29.	2.5	34
21	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
22	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
23	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
24	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
25	Towards mm-wave spectroscopy for dielectric characterization of breast surgical margins. Breast, 2019, 45, 64-69.	2.2	28
26	Evolution of emphysema in relation to smoking. European Radiology, 2010, 20, 286-292.	4.5	26
27	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
28	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
29	Molecular Imaging of Stem Cell Transplantation for Liver Diseases: Monitoring, Clinical Translation, and Theranostics. Stem Cells International, 2016, 2016, 1-8.	2.5	22
30	Genomics of non-small cell lung cancer (NSCLC): Association between CT-based imaging features and EGFR and K-RAS mutations in 122 patientsâ€"An external validation. European Journal of Radiology, 2019, 110, 148-155.	2.6	22
31	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
32	External validation of radiomicsâ€based predictive models in lowâ€dose CT screening for early lung cancer diagnosis. Medical Physics, 2020, 47, 4125-4136.	3.0	20
33	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
34	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
35	Low-dose computed tomography screening for lung cancer in people with workplace exposure to asbestos. Lung Cancer, 2019, 131, 23-30.	2.0	17
36	Spectrum of early lung cancer presentation in low-dose screening CT: a pictorial review. Insights Into Imaging, 2016, 7, 449-459.	3.4	15

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37	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
38	Computed Tomography-Guided Percutaneous Radiotracer Localization and Resection of Indistinct/Small Pulmonary Lesions. Annals of Thoracic Surgery, 2019, 108, 852-858.	1.3	14
39	Gynecologic tumors: how to communicate imaging results to the surgeon. Cancer Imaging, 2013, 13, 611-625.	2.8	13
40	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
41	Evaluation of deep myometrial invasion in endometrial cancer patients: is dual-energy CT an option?. Radiologia Medica, 2018, 123, 13-19.	7.7	13
42	National guidelines for dental diagnostic imaging in the developmental age. Radiologia Medica, 2019, 124, 887-916.	7.7	13
43	A clustering approach to 4D MRI retrospective sorting for the investigation of different surrogates. Physica Medica, 2019, 58, 107-113.	0.7	13
44	MRI Features of Cotyledonoid Dissecting Leiomyoma of the Uterus. Tumori, 2009, 95, 532-534.	1.1	12
45	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
46	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
47	Iodixanol versus iopromide in cancer patients: Evidence from a randomized clinical trial. Journal of Cellular Physiology, 2018, 233, 2572-2580.	4.1	11
48	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
49	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
50	Perfusion CT is a valuable diagnostic method for prostate cancer: a prospective study of 94 patients. Ecancermedicalscience, 2014, 8, 476.	1.1	7
51	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
52	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
53	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
54	Correlation between CT Perfusion and Clinico-Pathological Features in Prostate Cancer: A Prospective Study. Medical Science Monitor, 2015, 21, 153-162.	1.1	7

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55	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
56	Lung cancer screening update. Cancer Imaging, 2009, 9, S122-S125.	2.8	6
57	Primary focal prostate radiotherapy: Do all patients really need whole-prostate irradiation?. Critical Reviews in Oncology/Hematology, 2016, 105, 100-111.	4.4	6
58	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
59	Swallowing Disorders after Oral Cavity and Pharyngolaryngeal Surgery and Role of Imaging. Gastroenterology Research and Practice, 2017, 2017, 1-9.	1.5	6
60	7-T MRI tracking of mesenchymal stromal cells after lung injection in a rat model. European Radiology Experimental, 2020, 4, 54.	3.4	5
61	ecancermedicalscience. Ecancermedicalscience, 2014, 8, 464.	1.1	4
62	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
63	Imaging as a surveillance tool in rectal cancer. Expert Review of Medical Devices, 2010, 7, 99-112.	2.8	3
64	Radiation risk from lung cancer screening. Annals of Translational Medicine, 2017, 5, 480-480.	1.7	2
65	Multimodal MRI-based tissue classification in breast ductal carcinoma. , 2012, , .		1
66	Proposals for revisions of the classification of lung cancers with multiple pulmonary sites: the radiologistâ€™s, thoracic surgeonâ€™s and oncologistâ€™s point of view. Journal of Thoracic Disease, 2016, 8, E805-E808.	1.4	1
67	Reply to Letter to the Editor re: Evolution of emphysema in relation to smoking. European Radiology, 2010, 20, 1623-1623.	4.5	0
68	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