Lorenzo Faggioni

List of Publications by Year
in descending order

92 papers	1,883 citations	201658 27 h-index	302107 39 g-index
97 all docs	97 docs citations	97 times ranked	2276 citing authors

#	Article	IF	Citations
1	Artificial intelligence: radiologistsâ€™ expectations and opinions gleaned from a nationwide online survey. Radiologia Medica, 2021, 126, 63-71.	7.7	102
2	Assessment of midbrain atrophy in patients with progressive supranuclear palsy with routine magnetic resonance imaging. Acta Neurologica Scandinavica, 2007, 116, 37-42.	2.1	82
3	80-kV Pulmonary CT Angiography With 40 mL of Iodinated Contrast Material in Lean Patients: Comparison of Vascular Enhancement With Iodixanol (320 mg I/mL)and Iomeprol (400 mg I/mL). American Journal of Roentgenology, 2012, 199, 1220-1225.	2.2	71
4	Usage of structured reporting in radiological practice: results from an Italian online survey. European Radiology, 2017, 27, 1934-1943.	4.5	68
5	Osteoid osteoma in atypical locations: The added value of dynamic gadolinium-enhanced MR imaging. European Journal of Radiology, 2009, 71, 527-535.	2.6	66
6	Awareness of radiation protection and dose levels of imaging procedures among medical students, radiography students, and radiology residents at an academic hospital: Results of a comprehensive survey. European Journal of Radiology, 2017, 86, 135-142.	2.6	64
7	Dynamic MRI of the small bowel: usefulness of quantitative contrast-enhancement parameters and timeâ€“signal intensity curves for differentiating between active and inactive Crohnâ€™s disease. Abdominal Imaging, 2010, 35, 646-653.	2.0	61
8	Assessment of radiation protection awareness and knowledge about radiological examination doses among Italian radiographers. Insights Into Imaging, 2016, 7, 233-242.	3.4	59
9	CT colonography versus double-contrast barium enema for screening of colorectal cancer: comparison of radiation burden. Abdominal Imaging, 2010, 35, 596-601.	2.0	55
10	Human, All Too Human? An All-Around Appraisal of the â€œArtificial Intelligence Revolutionâ€•in Medical Imaging. Frontiers in Psychology, 2021, 12, 710982.	2.1	53
11	A narrative review on current imaging applications of artificial intelligence and radiomics in oncology: focus on the three most common cancers. Radiologia Medica, 2022, 127, 819-836.	7.7	53
12	CT Perfusion of Head and Neck Tumors: How We Do It. American Journal of Roentgenology, 2010, 194, 62-69.	2.2	42
13	The future of PACS in healthcare enterprises. European Journal of Radiology, 2011, 78, 253-258.	2.6	41
14	How to build patientâ€specific synthetic abdominal anatomies. An innovative approach from physical toward hybrid surgical simulators. International Journal of Medical Robotics and Computer Assisted Surgery, 2011, 7, 202-213.	2.3	41
15	Radiomics and Magnetic Resonance Imaging of Rectal Cancer: From Engineering to Clinical Practice. Diagnostics, 2021, 11, 756.	2.6	41
16	Comparison of CT colonography vs. conventional colonoscopy in mapping the segmental location of colon cancer before surgery. Abdominal Imaging, 2010, 35, 589-595.	2.0	40
17	Iodine Concentration and Optimization in Computed Tomography Angiography. Investigative Radiology, 2016, 51, 816-822.	6.2	40
18	Structured reporting of computed tomography in the staging of colon cancer: a Delphi consensus proposal. Radiologia Medica, 2022, 127, 21-29.	7.7	39

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19	Pulmonary sequestration: What the radiologist should know. Clinical Imaging, 2021, 73, 61-72.	1.5	36
20	Anatomical landmarks for transoral robotic tongue base surgery: comparison between endoscopic, external and radiological perspectives. Surgical and Radiologic Anatomy, 2013, 35, 3-10.	1.2	35
21	Optimizing the Balance Between Radiation Dose and Image Quality in Pediatric Head CT: Findings Before and After Intensive Radiologic Staff Training. American Journal of Roentgenology, 2014, 202, 1309-1315.	2.2	32
22	MRI tumor volume reduction rate vs tumor regression grade in the pre-operative re-staging of locally advanced rectal cancer after chemo-radiotherapy. European Journal of Radiology, 2015, 84, 2438-2443.	2.6	32
23	Structured Reporting of Rectal Cancer Staging and Restaging: A Consensus Proposal. Cancers, 2021, 13, 2135.	3.7	32
24	Application of the ESR iGuide clinical decision support system to the imaging pathway of patients with hepatocellular carcinoma and cholangiocarcinoma: preliminary findings. Radiologia Medica, 2020, 125, 531-537.	7.7	31
25	Assessment of response to sorafenib in advanced hepatocellular carcinoma using perfusion computed tomography: Results of a pilot study. Digestive and Liver Disease, 2013, 45, 776-781.	0.9	30
26	Post-surgical follow-up of colorectal cancer: role of contrast-enhanced CT colonography. Abdominal Imaging, 2010, 35, 669-675.	2.0	29
27	Staging of pelvic lymph nodes in patients with prostate cancer: Usefulness of multiple b value SE-EPI diffusion-weighted imaging on a 3.0 T MR system. European Journal of Radiology Open, 2016, 3, 16-21.	1.6	29
28	CT-Based Radiomics Analysis to Predict Histopathological Outcomes Following Liver Resection in Colorectal Liver Metastases. Cancers, 2022, 14, 1648.	3.7	29
29	Blockchain in radiology research and clinical practice: current trends and future directions. Radiologia Medica, 2022, 127, 391-397.	7.7	27
30	Integrating image processing in PACS. European Journal of Radiology, 2011, 78, 210-224.	2.6	25
31	Long-term results of sorafenib in advanced-stage hepatocellular carcinoma: what can we learn from routine clinical practice?. Expert Review of Anticancer Therapy, 2012, 12, 869-875.	2.4	24
32	Secretin-stimulated MR cholangio-pancreatography in the evaluation of asymptomatic patients with non-specific pancreatic hyperenzymemia. European Journal of Radiology, 2010, 75, e38-e44.	2.6	23
33	Extracorporeal membrane oxygenation (ECMO) in COVID-19 patients: a pocket guide for radiologists. Radiologia Medica, 2022, 127, 369-382.	7.7	23
34	Patient Perceptions and Knowledge of Ionizing Radiation From Medical Imaging. JAMA Network Open, 2021, 4, e2128561.	5.9	22
35	Can Magnetic Resonance Radiomics Analysis Discriminate Parotid Gland Tumors? A Pilot Study. Diagnostics, 2020, 10, 900.	2.6	21
36	Structured reporting of x-ray mammography in the first diagnosis of breast cancer: a Delphi consensus proposal. Radiologia Medica, 2022, 127, 471-483.	7.7	21

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37	Preprocedural planning of transcatheter mitral valve interventions by multidetector CT: What the radiologist needs to know. European Journal of Radiology Open, 2018, 5, 131-140.	1.6	20
38	Stability of aortic annulus enlargement during aortic valve replacement using a bovine pericardial patch: An 18-year clinical, echocardiographic, and angioâ€“computed tomographic follow-up. Journal of Thoracic and Cardiovascular Surgery, 2014, 147, 977-983.	0.8	19
39	Real practice radiation dose and dosimetric impact of radiological staff training in body CT examinations. Insights Into Imaging, 2013, 4, 239-244.	3.4	18
40	Impact of the COVID-19 outbreak on the profession and psychological wellbeing of radiologists: a nationwide online survey. Insights Into Imaging, 2021, 12, 23.	3.4	18
41	64-row MDCT perfusion of head and neck squamous cell carcinoma: technical feasibility and quantitative analysis of perfusion parameters. European Radiology, 2011, 21, 113-121.	4.5	16
42	Association of high-risk coronary atherosclerosis at CCTA with clinical and circulating biomarkers: Insight from CAPIRE study. Journal of Cardiovascular Computed Tomography, 2021, 15, 73-80.	1.3	16
43	CT Colonography: Role of a second reader CAD paradigm in the initial training of radiologists. European Journal of Radiology, 2011, 80, 303-309.	2.6	15
44	Could the Sling Position Influence the Clinical Outcome in Male Patients Treated for Urinary Incontinence? A Magnetic Resonance Imaging Study With a 3 Tesla System. Urology, 2014, 83, 471-476.	1.0	15
45	Structured Reporting of Lung Cancer Staging: A Consensus Proposal. Diagnostics, 2021, 11, 1569.	2.6	15
46	Time-resolved contrast-enhanced magnetic resonance angiography (CEMRA) of the left atriumâ€“pulmonary veins complex with half dose of intravenous gadolinium-based contrast agent. Technical feasibility and comparison with a conventional CEMRA, full contrast dose protocol. European Journal of Radiology, 2012, 81, 250-256.	2.6	12
47	Feasibility of intraoral ultrasonography in the diagnosis of oral soft tissue lesions: a preclinical assessment on an ex vivo specimen. Radiologia Medica, 2018, 123, 135-142.	7.7	12
48	Computed Tomography Structured Reporting in the Staging of Lymphoma: A Delphi Consensus Proposal. Journal of Clinical Medicine, 2021, 10, 4007.	2.4	12
49	Structured Reporting of Computed Tomography in the Staging of Neuroendocrine Neoplasms: A Delphi Consensus Proposal. Frontiers in Endocrinology, 2021, 12, 748944.	3.5	11
50	Bridging gaps between images and data: a systematic update on imaging biobanks. European Radiology, 2022, 32, 3173-3186.	4.5	11
51	Colonic polyps: inheritance, susceptibility, risk evaluation, and diagnostic management. Cancer Management and Research, 2010, 3, 17.	1.9	11
52	Giant fibrovascular polyp of the esophagusâ€”imaging techniques for proper treatment planning: report of two cases. Abdominal Imaging, 2012, 37, 512-518.	2.0	10
53	Role of perfusion CT in the evaluation of functional primary tumour response after radiochemotherapy in head and neck cancer: preliminary findings. British Journal of Radiology, 2016, 89, 20151070.	2.2	10
54	Incidence of Aortitis in Surgical Specimens of the Ascending Aorta Clinical Implications at Follow-Up. Seminars in Thoracic and Cardiovascular Surgery, 2019, 31, 751-760.	0.6	10

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55	Imaging biomarkers in upper gastrointestinal cancers. BJR|Open, 2019, 1, 20190001.	0.6	10
56	Structured Reporting of Computed Tomography and Magnetic Resonance in the Staging of Pancreatic Adenocarcinoma: A Delphi Consensus Proposal. Diagnostics, 2021, 11, 2033.	2.6	10
57	How to read and report CTC. European Journal of Radiology, 2013, 82, 1166-1170.	2.6	9
58	Is liver perfusion CT reproducible? A study on intra- and interobserver agreement of normal hepatic haemodynamic parameters obtained with two different software packages. British Journal of Radiology, 2017, 90, 20170214.	2.2	9
59	Role of pre-procedural CT imaging on catheter ablation in patients with atrial fibrillation: procedural outcomes and radiological exposure. Journal of Interventional Cardiac Electrophysiology, 2021, 60, 477-484.	1.3	9
60	A case report of endorectal displacement of a right ureteral stent following radiochemotherapy and Bevacizumab. BMC Urology, 2019, 19, 128.	1.4	8
61	DICOM-MIABIS integration model for biobanks: a use case of the EU PRIMAGE project. European Radiology Experimental, 2021, 5, 20.	3.4	7
62	Colonic polyps: inheritance, susceptibility, risk evaluation, and diagnostic management. Cancer Management and Research, 2010, 3, 17-24.	1.9	7
63	Automated contrast medium monitoring system for computed tomography â€“ Intra-institutional audit. Computerized Medical Imaging and Graphics, 2015, 46, 209-218.	5.8	6
64	iPad-based primary 2D reading of CT angiography examinations of patients with suspected acute gastrointestinal bleeding: preliminary experience. British Journal of Radiology, 2015, 88, 20140477.	2.2	6
65	Cardiac Computed Tomography Perfusion: Contrast Agents, Challenges and Emerging Methodologies from Preclinical Research to the Clinics. Academic Radiology, 2021, 28, e1-e13.	2.5	6
66	Thrombosis of Kommerellâ€™s diverticulum with subclavian steal phenomenon in a patient with non-small cell lung carcinoma under chemotherapy. European Journal of Radiology Open, 2016, 3, 191-194.	1.6	5
67	Asymptomatic aneurysm of the superior mesenteric artery. Journal of Cardiovascular Medicine, 2011, 12, 589-591.	1.5	3
68	Dematerialisation of patientâ€™s informed consent in radiology: insights on current status and radiologistsâ€™ opinion from an Italian online survey. Radiologia Medica, 2019, 124, 846-853.	7.7	3
69	Usefulness of MRI-based radiomic features for distinguishing Warthin tumor from pleomorphic adenoma: performance assessment using T2-weighted and post-contrast T1-weighted MR images. European Journal of Radiology Open, 2022, 9, 100429.	1.6	3
70	Treatment Response After Unusual Low Dose Sorafenib: Diagnosis with Perfusion CT and Follow-up in a Patient with Recurrent Hepatocellular Carcinoma. Journal of Gastrointestinal Cancer, 2012, 43, 234-238.	1.3	2
71	CT colonography with rectal iodine tagging: Feasibility and comparison with oral tagging in a colorectal cancer screening population. European Journal of Radiology, 2015, 84, 1701-1707.	2.6	2
72	Secretin-stimulated multi-detector CT versus mangafodipir trisodium-enhanced MR imaging plus MRCP in characterization of non-metastatic solid pancreatic lesions. Digestive and Liver Disease, 2009, 41, 829-837.	0.9	1

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73	Patientsâ€™ preferences about follow-up of medium size polyps detected at screening CT colonography. Abdominal Imaging, 2011, 36, 713-717.	2.0	1
74	Evidence-based Clinical Decision Support Systems for Suspected Pulmonary Embolism: Are We Ready to Go?. Academic Radiology, 2019, 26, 1084-1086.	2.5	1
75	Correlation between 18F-FDG PET/CT and diffusion-weighted MRI parameters in head and neck squamous cell carcinoma at baseline and after chemo-radiotherapy. A retrospective single institutional study. Oral Radiology, 2021, , 1.	1.9	1
76	MSCT of the Abdomen: Colon, Rectum and CT Colonography. Medical Radiology, 2012, , 301-319.	0.1	0
77	Unusual stent after ureteral substitution. A first case. BMC Urology, 2012, 12, 34.	1.4	0
78	Temporal trends in personal radiation dose associated with coronary computed tomography angiography. European Heart Journal, 2013, 34, P5338-P5338.	2.2	0
79	Reply. American Journal of Roentgenology, 2013, 201, W661-W661.	2.2	0
80	Concomitant versus sequential treatment with TACE and sorafenib in HCC patients. Digestive and Liver Disease, 2014, 46, e37.	0.9	0
81	Saccular aneurysm of the left main trunk. Journal of Cardiovascular Medicine, 2017, 18, 725-726.	1.5	0
82	Robotically assisted removal of pelvic splenosis fifty-six years after splenectomy: A case report. World Journal of Clinical Cases, 2021, 9, 2868-2873.	0.8	0
83	Cenni storici sulla tomografia computerizzata. , 2010, , 1-6.		0
84	TC multistrato. , 2010, , 35-48.		0
85	Sviluppi futuri in TC. , 2010, , 177-185.		0
86	Caratteristiche di base delle immagini TC. , 2010, , 49-58.		0
87	Abdominal Aorta and Renal Arteries. Medical Radiology, 2010, , 115-125.	0.1	0
88	Principi della TC convenzionale e della TC spirale. , 2010, , 19-34.		0
89	Tecniche di elaborazione delle immagini. , 2010, , 59-74.		0
90	Parametri di scansione e artefatti in TC. , 2010, , 75-92.		0

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91	Temporal Trends in Radiation Dose Associated with Coronary Computed Tomography Angiography. Open Journal of Radiology, 2014, 04, 101-110.	0.2	0
92	Artificial intelligence: what the radiologist should know. Journal of Radiological Review, 2019, 6, .	0.1	0