

# Lorenzo Mannelli

## List of Publications by Year in descending order

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Version: 2024-02-01

117  
papers

2,870  
citations

186265

28  
h-index

197818

49  
g-index

120  
all docs

120  
docs citations

120  
times ranked

3991  
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-invasive coronary imaging in patients with COVID-19: A narrative review. <i>European Journal of Radiology</i> , 2022, 149, 110188.	2.6	8
2	Deep Learning and Domain-Specific Knowledge to Segment the Liver from Synthetic Dual Energy CT Iodine Scans. <i>Diagnostics</i> , 2022, 12, 672.	2.6	1
3	Giant Epidermoid Cyst of Posterior Fossa—Our Experience and Literature Review. <i>Dose-Response</i> , 2021, 19, 155932582110020.	1.6	10
4	Potential Role of Artificial Intelligence in Cardiac Magnetic Resonance Imaging. <i>Journal of Thoracic Imaging</i> , 2021, 36, 142-148.	1.5	21
5	Investigating Dual-Energy CT Post-Contrast Phases for Liver Iron Quantification: A Preliminary Study. <i>Dose-Response</i> , 2021, 19, 155932582110113.	1.6	1
6	Comparison of Multimaterial Decomposition Fat Fraction with DECT and Proton Density Fat Fraction with IDEAL IQ MRI for Quantification of Liver Steatosis in a Population Exposed to Chemotherapy. <i>Dose-Response</i> , 2021, 19, 155932582098493.	1.6	7
7	Editorial for “Evaluation of Pancreatic Fibrosis Grading by Multiparametric Functional Magnetic Resonance Imaging”. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 1430-1431.	3.4	0
8	Artificial intelligence in computed tomography plaque characterization: A review. <i>European Journal of Radiology</i> , 2021, 140, 109767.	2.6	27
9	Impact of radiogenomics in esophageal cancer on clinical outcomes: A pilot study. <i>World Journal of Gastroenterology</i> , 2021, 27, 6110-6127.	3.3	6
10	[18F]Fluorocholine PET/CT-guided stereotactic body radiotherapy in patients with recurrent oligometastatic prostate cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2020, 47, 185-191.	6.4	16
11	White paper on pancreatic ductal adenocarcinoma from society of abdominal radiology’s disease-focused panel for pancreatic ductal adenocarcinoma: Part II, update on imaging techniques and screening of pancreatic cancer in high-risk individuals. <i>Abdominal Radiology</i> , 2020, 45, 729-742.	2.1	24
12	Carotid plaque imaging profiling in subjects with risk factors (diabetes and hypertension). <i>Cardiovascular Diagnosis and Therapy</i> , 2020, 10, 1005-1018.	1.7	15
13	Radiomics and “radi-omics” in cancer immunotherapy: a guide for clinicians. <i>Critical Reviews in Oncology/Hematology</i> , 2020, 154, 103068.	4.4	26
14	Pre-Operative CT-Based Planning Integrated With Intra-Operative Navigation in Reverse Shoulder Arthroplasty: Data Acquisition and Analysis Protocol, and Preliminary Results of Navigated Versus Conventional Surgery. <i>Dose-Response</i> , 2020, 18, 155932582097083.	1.6	12
15	Immune Checkpoint Inhibitor-Induced Pancreatic Injury: Imaging Findings and Literature Review. <i>Targeted Oncology</i> , 2020, 15, 25-35.	3.6	25
16	Utility of Routine Preoperative <sup>18</sup> F-Fluorodeoxyglucose Positron Emission Tomography/Computerized Tomography in Identifying Pathological Lymph Node Metastases at Radical Cystectomy. <i>Journal of Urology</i> , 2020, 204, 254-259.	0.4	19
17	From Uncommon Infection to Multi-Cranial Palsy: Malignant External Otitis Insights. <i>Dose-Response</i> , 2020, 18, 155932582096391.	1.6	8
18	Reply by Authors. <i>Journal of Urology</i> , 2020, 204, 259-259.	0.4	0

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19	Dual energy computed tomography analysis in cancer patients: What factors affect iodine concentration in contrast enhanced studies?. <i>European Journal of Radiology</i> , 2019, 120, 108698.	2.6	8
20	Pilot study of rapid MR pancreas screening for patients with BRCA mutation. <i>European Radiology</i> , 2019, 29, 3976-3985.	4.5	8
21	Comparison of Navigator Triggering Reduced Field of View and Large Field of View Diffusion-Weighted Imaging of the Pancreas. <i>Journal of Computer Assisted Tomography</i> , 2019, 43, 143-148.	0.9	23
22	Detection of recurrent pancreatic cancer: value of second-opinion interpretations of cross-sectional images by subspecialized radiologists. <i>Abdominal Radiology</i> , 2019, 44, 586-592.	2.1	11
23	CT and MR Imaging of Carotid Wall and Plaque. <i>Journal of Neurosonology and Neuroimaging</i> , 2019, 11, 115-125.	0.1	2
24	Reply to comments on "State of the art in magnetic resonance imaging of hepatocellular carcinoma" the role of DWI. <i>Radiology and Oncology</i> , 2019, 53, 371-372.	1.7	0
25	Quantification of Iodine Concentration Using Single-Source Dual-Energy Computed Tomography in a Calf Liver. <i>Journal of Computer Assisted Tomography</i> , 2018, 42, 222-229.	0.9	5
26	Rapid switching kVp dual energy CT: Value of reconstructed dual energy CT images and organ dose assessment in multiphasic liver CT exams. <i>European Journal of Radiology</i> , 2018, 102, 102-108.	2.6	21
27	Imaging features of malignant abdominal neuroendocrine tumors with rare presentation. <i>Clinical Imaging</i> , 2018, 51, 59-64.	1.5	7
28	Hepatic Mass in a Patient With Bladder Cancer History. <i>Gastroenterology</i> , 2018, 154, 493-494.	1.3	0
29	Multi-institutional survey on imaging practice patterns in pancreatic ductal adenocarcinoma. <i>Abdominal Radiology</i> , 2018, 43, 245-252.	2.1	7
30	Does Second Reader Opinion Affect Patient Management in Pancreatic Ductal Adenocarcinoma?. <i>Academic Radiology</i> , 2018, 25, 825-832.	2.5	14
31	Right Upper Quadrant Pain in a 47-Year-Old Woman. <i>Gastroenterology</i> , 2018, 154, e11-e12.	1.3	2
32	Imaging features of hepatocellular carcinoma compared to intrahepatic cholangiocarcinoma and combined tumor on MRI using liver imaging and data system (LI-RADS) version 2014. <i>Abdominal Radiology</i> , 2018, 43, 169-178.	2.1	44
33	State of the art in magnetic resonance imaging of hepatocellular carcinoma. <i>Radiology and Oncology</i> , 2018, 52, 353-364.	1.7	18
34	IDEAL-IQ in an oncologic population: meeting the challenge of concomitant liver fat and liver iron. <i>Cancer Imaging</i> , 2018, 18, 51.	2.8	36
35	Repeated Transarterial Chemoembolization with Degradable Starch Microspheres (DSMs-TACE) of Unresectable Hepatocellular Carcinoma: A Prospective Pilot Study. <i>Current Medical Imaging</i> , 2018, 14, 637-645.	0.8	10
36	MRI liver fat quantification in an oncologic population: the added value of complex chemical shift-encoded MRI. <i>Clinical Imaging</i> , 2018, 52, 193-199.	1.5	14

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37	Hepatic Lesions in a Cirrhotic Liver: Primary or Metastases?. Journal of Nuclear Medicine Technology, 2017, 45, 50-52.	0.8	1
38	Unusual Cause of Hematochezia. Gastroenterology, 2017, 153, 17-18.	1.3	0
39	Lower-Extremity Pseudomyogenic Hemangioendothelioma on Bone Scintigraphy and PET/CT. Clinical Nuclear Medicine, 2017, 42, 383-385.	1.3	7
40	Unusual Liver Tumors. Gastroenterology, 2017, 152, 1287-1288.	1.3	1
41	Pancreatoblastoma With Metastatic Retroperitoneal Lymph Node and PET/CT. Clinical Nuclear Medicine, 2017, 42, e482-e483.	1.3	10
42	Value of second-opinion review of outside institution PET-CT examinations. Nuclear Medicine Communications, 2017, 38, 306-311.	1.1	12
43	Contrast-enhanced MDCT in patients with pancreatic neuroendocrine tumours: correlation with histological findings and diagnostic performance in differentiation between tumour grades. Clinical Radiology, 2017, 72, 150-158.	1.1	53
44	Specialized second-opinion radiology review of PET/CT examinations for patients with diffuse large B-cell lymphoma impacts patient care and management. Medicine (United States), 2017, 96, e9411.	1.0	5
45	Malignant transformation of glucagonoma with SPECT/CT In-111 OctreoScan features. Medicine (United States), 2017, 96, e9252.	1.0	0
46	Peripartum Patient With Epigastric Pain. Annals of Emergency Medicine, 2017, 70, 301-337.	0.6	1
47	Hepatic angiosarcomatous transformation of a mediastinal germinal cell tumor. Medicine (United States), 2017, 96, e9411.	1.0	1
48	Reproducibility of shear wave elastography (SWE) in patients with chronic liver disease. PLoS ONE, 2017, 12, e0185391.	2.5	29
49	Subclinical focal cholangitis mimicking liver metastasis in asymptomatic patients with history of pancreatic ductal adenocarcinoma and biliary tree intervention. Cancer Imaging, 2017, 17, 21.	2.8	4
50	New Imaging in Gastrointestinal Tract. Gastroenterology Research and Practice, 2016, 2016, 1-2.	1.5	7
51	Hepatocellular Carcinoma and Diffusion-Weighted MRI: Detection and Evaluation of Treatment Response. Journal of Cancer, 2016, 7, 1565-1570.	2.5	43
52	Incidental Detection of Femoral Pseudoaneurysm at 18F-FDG PET/CT. Clinical Nuclear Medicine, 2016, 41, e68-e69.	1.3	1
53	Liver and bone metastases from breast cancer: Eovist® magnetic resonance and diffusion weighted imaging, 18F-FDG positron emission/computed tomography. Digestive and Liver Disease, 2016, 48, 213.	0.9	0
54	Imaging of Liver Tumors Using Surface-Enhanced Raman Scattering Nanoparticles. ACS Nano, 2016, 10, 5015-5026.	14.6	139

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55	Re: Baseline and Early MR Apparent Diffusion Coefficient Quantification as a Predictor of Response of Unresectable Hepatocellular Carcinoma to Doxorubicin Drug-Eluting Bead Chemoembolization. <i>Journal of Vascular and Interventional Radiology</i> , 2016, 27, 1456-1458.	0.5	3
56	Cystic pancreatic lesions: From increased diagnosis rate to new dilemmas. <i>Diagnostic and Interventional Imaging</i> , 2016, 97, 1275-1285.	3.2	23
57	[18F]Choline PET/CT and stereotactic body radiotherapy on treatment decision making of oligometastatic prostate cancer patients: preliminary results. <i>Radiation Oncology</i> , 2016, 11, 9.	2.7	70
58	IgG4-Related Kidney Disease in a Patient With History of Breast Cancer. <i>Clinical Nuclear Medicine</i> , 2016, 41, e388-e389.	1.3	10
59	Magnetic Resonance Imaging of the Liver (Including Biliary Contrast Agents)â€”Part 2: Protocols for Liver Magnetic Resonance Imaging and Characterization of Common Focal Liver Lesions. <i>Seminars in Roentgenology</i> , 2016, 51, 317-333.	0.6	14
60	Magnetic Resonance Imaging of the Liver (Including Biliary Contrast Agents) Part 1: Technical Considerations and Contrast Materials. <i>Seminars in Roentgenology</i> , 2016, 51, 308-316.	0.6	17
61	Vesicocolic Fistula Detected by 99mTc-MAG3 Renogram. <i>Clinical Nuclear Medicine</i> , 2015, 40, 73-75.	1.3	0
62	Subcutaneously Obstructed Ventriculoperitoneal Shuntogram. <i>Clinical Nuclear Medicine</i> , 2015, 40, 265-267.	1.3	3
63	Primary Rosai-Dorfman Disease of the Bone in a Patient With History of Breast Cancer. <i>Clinical Nuclear Medicine</i> , 2015, 40, 247-249.	1.3	12
64	Grayscale and Color Doppler Features of Testicular Lymphoma. <i>Journal of Ultrasound in Medicine</i> , 2015, 34, 1139-1145.	1.7	44
65	Intermediate hepatocellular carcinoma: the role of transarterial therapy. <i>Hepatic Oncology</i> , 2015, 2, 399-408.	4.2	10
66	Radiology of foreign bodies: how do we image them?. <i>Emergency Radiology</i> , 2015, 22, 425-430.	1.8	40
67	Nuclear medicine and the emergency department patient: an illustrative case-based approach. <i>Radiologia Medica</i> , 2015, 120, 158-170.	7.7	4
68	Advances in Diffusion-Weighted Imaging. <i>Radiologic Clinics of North America</i> , 2015, 53, 569-581.	1.8	50
69	Dual energy computed tomography quantification of carotid plaques calcification: comparison between monochromatic and polychromatic energies with pathology correlation. <i>European Radiology</i> , 2015, 25, 1238-1246.	4.5	24
70	Granulomatosis With Polyangiitis Presenting With an Intracardiac Mass and Complete Heart Block. <i>Circulation</i> , 2015, 132, 961-964.	1.6	6
71	Uncommon pancreatic tumors and pseudotumors. <i>Abdominal Imaging</i> , 2015, 40, 167-180.	2.0	23
72	Non-invasive diagnostic imaging of colorectal liver metastases. <i>World Journal of Radiology</i> , 2015, 7, 157.	1.1	29

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73	Optimization of Tagged MRI for Quantification of Liver Stiffness Using Computer Simulated Data. PLoS ONE, 2014, 9, e111852.	2.5	5
74	Imaging of the Carotid Artery Vulnerable Plaque. CardioVascular and Interventional Radiology, 2014, 37, 572-585.	2.0	102
75	Semiautomated analysis of carotid artery wall thickness in MRI. Journal of Magnetic Resonance Imaging, 2014, 39, 1457-1467.	3.4	21
76	Intraperitoneal Urine Leak After Prostatectomy Confirmed by 99mTc-MAG3 Renogram. Clinical Nuclear Medicine, 2014, 39, 744-746.	1.3	7
77	Multiple-Gated Acquisition Scan With Normal Left Ventricular Ejection Fraction and LBBB. Clinical Nuclear Medicine, 2014, 39, e410-e412.	1.3	2
78	Multi-modal CT scanning in the evaluation of cerebrovascular disease patients. Cardiovascular Diagnosis and Therapy, 2014, 4, 245-62.	1.7	13
79	A case of congenital syphilis. Emergency Radiology, 2013, 20, 337-339.	1.8	2
80	Diffusion-Weighted Imaging of the Liver: A Comprehensive Review. Current Problems in Diagnostic Radiology, 2013, 42, 77-83.	1.4	18
81	A Comprehensive Review of the Retroperitoneal Anatomy, Neoplasms, and Pattern of Disease Spread. Current Problems in Diagnostic Radiology, 2013, 42, 191-208.	1.4	68
82	Radiologic-Pathologic Correlation of Uncommon Mesenchymal Liver Tumors. Current Problems in Diagnostic Radiology, 2013, 42, 183-190.	1.4	10
83	Irreversible electroporation of a liver metastasis. Liver International, 2013, 33, 104-104.	3.9	7
84	Changes in measured size of atherosclerotic plaque calcifications in dual-energy CT of ex vivo carotid endarterectomy specimens: effect of monochromatic keV image reconstructions. European Radiology, 2013, 23, 367-374.	4.5	23
85	Posttransplant Liver Mass. Gastroenterology, 2013, 144, e9-e10.	1.3	1
86	Serial diffusion-weighted MRI in patients with hepatocellular carcinoma: Prediction and assessment of response to transarterial chemoembolization. Preliminary experience. European Journal of Radiology, 2013, 82, 577-582.	2.6	83
87	Magnetic Resonance Elastography in the Diagnosis of Hepatic Fibrosis. Seminars in Ultrasound, CT and MRI, 2013, 34, 81-88.	1.5	32
88	Fetal Lung Maturity Assessment With MRI Fetal Lung-to-Liver Signal-Intensity Ratio. American Journal of Roentgenology, 2013, 201, 1386-1390.	2.2	25
89	Symptomatic Extraperitoneal Bladder Perforation Following Transurethral Bladder Surgery: Imaging with CT Urography. International Braz J Urol: Official Journal of the Brazilian Society of Urology, 2013, 39, 599-601.	1.5	3
90	Loeffler's Endocarditis in Hypereosinophilic Syndrome. Current Problems in Diagnostic Radiology, 2012, 41, 146-148.	1.4	10

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91	Blunt Urinary Bladder Trauma. <i>Current Problems in Diagnostic Radiology</i> , 2012, 41, 140-141.	1.4	9
92	Low-dose, Prospective Triggered High-pitch Spiral Coronary Computed Tomography Angiography. <i>Academic Radiology</i> , 2012, 19, 554-561.	2.5	24
93	Magnetic resonance elastography: Feasibility of liver stiffness measurements in healthy volunteers at 3 T. <i>Clinical Radiology</i> , 2012, 67, 258-262.	1.1	40
94	An Unusual Oral Mass. <i>Gastroenterology</i> , 2012, 142, e14-e15.	1.3	5
95	A Pregnant Patient With Hypoglycemia. <i>Gastroenterology</i> , 2012, 143, e3-e4.	1.3	11
96	Cyst with a mural nodule tumor of the brain. <i>Cancer Imaging</i> , 2012, 12, 237-244.	2.8	41
97	Assessment of the liver strain among cirrhotic and normal livers using tagged MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2012, 36, 1490-1495.	3.4	27
98	Hepatocellular carcinoma: Detection with diffusion-weighted versus contrast-enhanced magnetic resonance imaging in pretransplant patients. <i>Hepatology</i> , 2012, 56, 140-148.	7.3	106
99	Noncontrast Functional MRI of the Kidneys. <i>Current Urology Reports</i> , 2012, 13, 99-107.	2.2	19
100	Computed tomography diagnosis of myocardial infarction in a patient with normal initial cardiac biomarkers. <i>Emergency Radiology</i> , 2012, 19, 75-78.	1.8	6
101	Breath-hold T2-weighted MRI of the liver at 3T using the BLADE technique: impact upon image quality and lesion detection. <i>Clinical Radiology</i> , 2011, 66, 426-433.	1.1	37
102	Accuracy of hepatocellular carcinoma detection on multidetector CT in a transplant liver population with explant liver correlation. <i>Clinical Radiology</i> , 2011, 66, 349-356.	1.1	39
103	Re: Accuracy of hepatocellular carcinoma detection on multidetector CT in a transplant liver population with explant liver correlation. <i>Clinical Radiology</i> , 2011, 66, 1224.	1.1	0
104	Gadolinium-Enhanced Liver Magnetic Resonance Imaging Using a 2-Point Dixon Fat-Water Separation Technique. <i>Journal of Computer Assisted Tomography</i> , 2011, 35, 96-101.	0.9	21
105	A Case of Berry Syndrome Type 2B. <i>Congenital Heart Disease</i> , 2011, 6, 389-392.	0.2	11
106	Crack cocaine-induced supraglottitis. <i>Emergency Radiology</i> , 2011, 18, 445-447.	1.8	4
107	Prostate cancer: Utility of fusion of T2-weighted and high b-value diffusion-weighted images for peripheral zone tumor detection and localization. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 34, 95-100.	3.4	51
108	Liver stiffness assessment by tagged MRI of cardiac-induced liver motion. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 949-955.	3.0	41

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109	The Value of Postoperative/Preadjuvant Chemotherapy Computed Tomography in the Management of Patients With Ovarian Cancer. <i>International Journal of Gynecological Cancer</i> , 2011, 21, 296-301.	2.5	15
110	Diagnosis of liver metastases: value of diffusion-weighted MRI compared with gadolinium-enhanced MRI. <i>European Radiology</i> , 2010, 20, 1431-1441.	4.5	104
111	Hepatocellular carcinoma: Assessment of response to transarterial chemoembolization with image subtraction. <i>Journal of Magnetic Resonance Imaging</i> , 2010, 31, 348-355.	3.4	76
112	MR Elastography: Spleen Stiffness Measurements in Healthy Volunteersâ€”Preliminary Experience. <i>American Journal of Roentgenology</i> , 2010, 195, 387-392.	2.2	45
113	Evaluation of Nonenhancing Tumor Fraction Assessed by Dynamic Contrast-Enhanced MRI Subtraction as a Predictor of Decrease in Tumor Volume in Response to Chemoradiotherapy in Advanced Cervical Cancer. <i>American Journal of Roentgenology</i> , 2010, 195, 524-527.	2.2	33
114	Assessment of Tumor Necrosis of Hepatocellular Carcinoma After Chemoembolization: Diffusion-Weighted and Contrast-Enhanced MRI With Histopathologic Correlation of the Explanted Liver. <i>American Journal of Roentgenology</i> , 2009, 193, 1044-1052.	2.2	172
115	Renal Lesions: Characterization with Diffusion-weighted Imaging versus Contrast-enhanced MR Imaging. <i>Radiology</i> , 2009, 251, 398-407.	7.3	291
116	The Influence of Diffusion- and Relaxation-Related Factors on Signal Intensity. <i>Journal of Computer Assisted Tomography</i> , 2008, 32, 463-474.	0.9	51
117	Focal lesions in the cirrhotic liver. , 0, , 17-23.		1