

# Lorenzo Mannelli

## List of Publications by Year in descending order

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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	Renal Lesions: Characterization with Diffusion-weighted Imaging versus Contrast-enhanced MR Imaging. <i>Radiology</i> , 2009, 251, 398-407.	7.3	291
2	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
3	Imaging of Liver Tumors Using Surface-Enhanced Raman Scattering Nanoparticles. <i>ACS Nano</i> , 2016, 10, 5015-5026.	14.6	139
4	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
5	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
6	Imaging of the Carotid Artery Vulnerable Plaque. <i>CardioVascular and Interventional Radiology</i> , 2014, 37, 572-585.	2.0	102
7	Serial diffusion-weighted MRI in patients with hepatocellular carcinoma: Prediction and assessment of response to transarterial chemoembolization. Preliminary experience. <i>European Journal of Radiology</i> , 2013, 82, 577-582.	2.6	83
8	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
9	[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
10	A Comprehensive Review of the Retroperitoneal Anatomy, Neoplasms, and Pattern of Disease Spread. <i>Current Problems in Diagnostic Radiology</i> , 2013, 42, 191-208.	1.4	68
11	Contrast-enhanced MDCT in patients with pancreatic neuroendocrine tumours: correlation with histological findings and diagnostic performance in differentiation between tumour grades. <i>Clinical Radiology</i> , 2017, 72, 150-158.	1.1	53
12	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
13	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
14	Advances in Diffusion-Weighted Imaging. <i>Radiologic Clinics of North America</i> , 2015, 53, 569-581.	1.8	50
15	MR Elastography: Spleen Stiffness Measurements in Healthy Volunteers—Preliminary Experience. <i>American Journal of Roentgenology</i> , 2010, 195, 387-392.	2.2	45
16	Grayscale and Color Doppler Features of Testicular Lymphoma. <i>Journal of Ultrasound in Medicine</i> , 2015, 34, 1139-1145.	1.7	44
17	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
18	Hepatocellular Carcinoma and Diffusion-Weighted MRI: Detection and Evaluation of Treatment Response. <i>Journal of Cancer</i> , 2016, 7, 1565-1570.	2.5	43

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19	Liver stiffness assessment by tagged MRI of cardiac-induced liver motion. <i>Magnetic Resonance in Medicine</i> , 2011, 65, 949-955.	3.0	41
20	Cyst with a mural nodule tumor of the brain. <i>Cancer Imaging</i> , 2012, 12, 237-244.	2.8	41
21	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
22	Radiology of foreign bodies: how do we image them?. <i>Emergency Radiology</i> , 2015, 22, 425-430.	1.8	40
23	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
24	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
25	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
26	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
27	Magnetic Resonance Elastography in the Diagnosis of Hepatic Fibrosis. <i>Seminars in Ultrasound, CT and MRI</i> , 2013, 34, 81-88.	1.5	32
28	Reproducibility of shear wave elastography (SWE) in patients with chronic liver disease. <i>PLoS ONE</i> , 2017, 12, e0185391.	2.5	29
29	Non-invasive diagnostic imaging of colorectal liver metastases. <i>World Journal of Radiology</i> , 2015, 7, 157.	1.1	29
30	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
31	Artificial intelligence in computed tomography plaque characterization: A review. <i>European Journal of Radiology</i> , 2021, 140, 109767.	2.6	27
32	Radiomics and "radiomics" in cancer immunotherapy: a guide for clinicians. <i>Critical Reviews in Oncology/Hematology</i> , 2020, 154, 103068.	4.4	26
33	Fetal Lung Maturity Assessment With MRI Fetal Lung-to-Liver Signal-Intensity Ratio. <i>American Journal of Roentgenology</i> , 2013, 201, 1386-1390.	2.2	25
34	Immune Checkpoint Inhibitor-Induced Pancreatic Injury: Imaging Findings and Literature Review. <i>Targeted Oncology</i> , 2020, 15, 25-35.	3.6	25
35	Low-dose, Prospective Triggered High-pitch Spiral Coronary Computed Tomography Angiography. <i>Academic Radiology</i> , 2012, 19, 554-561.	2.5	24
36	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

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37	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
38	Changes in measured size of atherosclerotic plaque calcifications in dual-energy CT of ex vivo carotid endarterectomy specimens: effect of monochromatic keV image reconstructions. <i>European Radiology</i> , 2013, 23, 367-374.	4.5	23
39	Uncommon pancreatic tumors and pseudotumors. <i>Abdominal Imaging</i> , 2015, 40, 167-180.	2.0	23
40	Cystic pancreatic lesions: From increased diagnosis rate to new dilemmas. <i>Diagnostic and Interventional Imaging</i> , 2016, 97, 1275-1285.	3.2	23
41	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
42	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
43	Semiautomated analysis of carotid artery wall thickness in MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2014, 39, 1457-1467.	3.4	21
44	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
45	Potential Role of Artificial Intelligence in Cardiac Magnetic Resonance Imaging. <i>Journal of Thoracic Imaging</i> , 2021, 36, 142-148.	1.5	21
46	Noncontrast Functional MRI of the Kidneys. <i>Current Urology Reports</i> , 2012, 13, 99-107.	2.2	19
47	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
48	Diffusion-Weighted Imaging of the Liver: A Comprehensive Review. <i>Current Problems in Diagnostic Radiology</i> , 2013, 42, 77-83.	1.4	18
49	State of the art in magnetic resonance imaging of hepatocellular carcinoma. <i>Radiology and Oncology</i> , 2018, 52, 353-364.	1.7	18
50	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
51	[ <sup>18</sup> F]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
52	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
53	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
54	Magnetic Resonance Imaging of the Liver (Including Biliary Contrast Agents) 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

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55	Does Second Reader Opinion Affect Patient Management in Pancreatic Ductal Adenocarcinoma?. <i>Academic Radiology</i> , 2018, 25, 825-832.	2.5	14
56	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
57	Multi-modal CT scanning in the evaluation of cerebrovascular disease patients. <i>Cardiovascular Diagnosis and Therapy</i> , 2014, 4, 245-62.	1.7	13
58	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
59	Value of second-opinion review of outside institution PET-CT examinations. <i>Nuclear Medicine Communications</i> , 2017, 38, 306-311.	1.1	12
60	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
61	A Case of Berry Syndrome Type 2B. <i>Congenital Heart Disease</i> , 2011, 6, 389-392.	0.2	11
62	A Pregnant Patient With Hypoglycemia. <i>Gastroenterology</i> , 2012, 143, e3-e4.	1.3	11
63	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
64	Loeffler's Endocarditis in Hypereosinophilic Syndrome. <i>Current Problems in Diagnostic Radiology</i> , 2012, 41, 146-148.	1.4	10
65	Radiologic-Pathologic Correlation of Uncommon Mesenchymal Liver Tumors. <i>Current Problems in Diagnostic Radiology</i> , 2013, 42, 183-190.	1.4	10
66	Intermediate hepatocellular carcinoma: the role of transarterial therapy. <i>Hepatic Oncology</i> , 2015, 2, 399-408.	4.2	10
67	IgG4-Related Kidney Disease in a Patient With History of Breast Cancer. <i>Clinical Nuclear Medicine</i> , 2016, 41, e388-e389.	1.3	10
68	Pancreatoblastoma With Metastatic Retroperitoneal Lymph Node and PET/CT. <i>Clinical Nuclear Medicine</i> , 2017, 42, e482-e483.	1.3	10
69	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
70	Giant Epidermoid Cyst of Posterior Fossa—Our Experience and Literature Review. <i>Dose-Response</i> , 2021, 19, 155932582110020.	1.6	10
71	Blunt Urinary Bladder Trauma. <i>Current Problems in Diagnostic Radiology</i> , 2012, 41, 140-141.	1.4	9
72	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

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73	Pilot study of rapid MR pancreas screening for patients with BRCA mutation. <i>European Radiology</i> , 2019, 29, 3976-3985.	4.5	8
74	From Uncommon Infection to Multi-Cranial Palsy: Malignant External Otitis Insights. <i>Dose-Response</i> , 2020, 18, 155932582096391.	1.6	8
75	Non-invasive coronary imaging in patients with COVID-19: A narrative review. <i>European Journal of Radiology</i> , 2022, 149, 110188.	2.6	8
76	Irreversible electroporation of a liver metastasis. <i>Liver International</i> , 2013, 33, 104-104.	3.9	7
77	Intraperitoneal Urine Leak After Prostatectomy Confirmed by 99mTc-MAG3 Renogram. <i>Clinical Nuclear Medicine</i> , 2014, 39, 744-746.	1.3	7
78	New Imaging in Gastrointestinal Tract. <i>Gastroenterology Research and Practice</i> , 2016, 2016, 1-2.	1.5	7
79	Lower-Extremity Pseudomyogenic Hemangioendothelioma on Bone Scintigraphy and PET/CT. <i>Clinical Nuclear Medicine</i> , 2017, 42, 383-385.	1.3	7
80	Imaging features of malignant abdominal neuroendocrine tumors with rare presentation. <i>Clinical Imaging</i> , 2018, 51, 59-64.	1.5	7
81	Multi-institutional survey on imaging practice patterns in pancreatic ductal adenocarcinoma. <i>Abdominal Radiology</i> , 2018, 43, 245-252.	2.1	7
82	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
83	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
84	Granulomatosis With Polyangiitis Presenting With an Intracardiac Mass and Complete Heart Block. <i>Circulation</i> , 2015, 132, 961-964.	1.6	6
85	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
86	An Unusual Oral Mass. <i>Gastroenterology</i> , 2012, 142, e14-e15.	1.3	5
87	Optimization of Tagged MRI for Quantification of Liver Stiffness Using Computer Simulated Data. <i>PLoS ONE</i> , 2014, 9, e111852.	2.5	5
88	Specialized second-opinion radiology review of PET/CT examinations for patients with diffuse large B-cell lymphoma impacts patient care and management. <i>Medicine (United States)</i> , 2017, 96, e9411.	1.0	5
89	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
90	Crack cocaine-induced supraglottitis. <i>Emergency Radiology</i> , 2011, 18, 445-447.	1.8	4

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91	Nuclear medicine and the emergency department patient: an illustrative case-based approach. <i>Radiologia Medica</i> , 2015, 120, 158-170.	7.7	4
92	Subclinical focal cholangitis mimicking liver metastasis in asymptomatic patients with history of pancreatic ductal adenocarcinoma and biliary tree intervention. <i>Cancer Imaging</i> , 2017, 17, 21.	2.8	4
93	Subcutaneously Obstructed Ventriculoperitoneal Shuntogram. <i>Clinical Nuclear Medicine</i> , 2015, 40, 265-267.	1.3	3
94	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
95	Symptomatic Extraperitoneal Bladder Perforation Following Transurethral Bladder Surgery: Imaging with CT Urography. <i>International Braz J Urol: Official Journal of the Brazilian Society of Urology</i> , 2013, 39, 599-601.	1.5	3
96	A case of congenital syphilis. <i>Emergency Radiology</i> , 2013, 20, 337-339.	1.8	2
97	Multiple-Gated Acquisition Scan With Normal Left Ventricular Ejection Fraction and LBBB. <i>Clinical Nuclear Medicine</i> , 2014, 39, e410-e412.	1.3	2
98	Right Upper Quadrant Pain in a 47-Year-Old Woman. <i>Gastroenterology</i> , 2018, 154, e11-e12.	1.3	2
99	CT and MR Imaging of Carotid Wall and Plaque. <i>Journal of Neurosonology and Neuroimaging</i> , 2019, 11, 115-125.	0.1	2
100	Posttransplant Liver Mass. <i>Gastroenterology</i> , 2013, 144, e9-e10.	1.3	1
101	Incidental Detection of Femoral Pseudoaneurysm at 18F-FDG PET/CT. <i>Clinical Nuclear Medicine</i> , 2016, 41, e68-e69.	1.3	1
102	Hepatic Lesions in a Cirrhotic Liver: Primary or Metastases?. <i>Journal of Nuclear Medicine Technology</i> , 2017, 45, 50-52.	0.8	1
103	Unusual Liver Tumors. <i>Gastroenterology</i> , 2017, 152, 1287-1288.	1.3	1
104	Peripartum Patient With Epigastric Pain. <i>Annals of Emergency Medicine</i> , 2017, 70, 301-337.	0.6	1
105	Hepatic angiosarcomatous transformation of a mediastinal germinal cell tumor. <i>Medicine (United Tj ETQq1 1 0.784314 rgBT<sub>1</sub>/Overlook</i>	1.0	1
106	Investigating Dual-Energy CT Post-Contrast Phases for Liver Iron Quantification: A Preliminary Study. Dose-Response, 2021, 19, 155932582110113.	1.6	1
107	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
108	Focal lesions in the cirrhotic liver. , 0, , 17-23.		1

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109	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
110	Vesicocolic Fistula Detected by 99mTc-MAG3 Renogram. <i>Clinical Nuclear Medicine</i> , 2015, 40, 73-75.	1.3	0
111	Liver and bone metastases from breast cancer: Eovist® magnetic resonance and diffusion weighted imaging, 18F-FDG positron emission/computed tomography. <i>Digestive and Liver Disease</i> , 2016, 48, 213.	0.9	0
112	Unusual Cause of Hematochezia. <i>Gastroenterology</i> , 2017, 153, 17-18.	1.3	0
113	Malignant transformation of glucagonoma with SPECT/CT In-111 OctreoScan features. <i>Medicine (United States)</i> , 2017, 96, e9252.	1.0	0
114	Hepatic Mass in a Patient With Bladder Cancer History. <i>Gastroenterology</i> , 2018, 154, 493-494.	1.3	0
115	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
116	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
117	Reply by Authors. <i>Journal of Urology</i> , 2020, 204, 259-259.	0.4	0