

Emilio Quaia

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117
papers

3,225
citations

30
h-index

54
g-index

155
ext. papers

3,713
ext. citations

5.2
avg, IF

5.34
L-index

#	Paper	IF	Citations
117	Characterization of focal liver lesions with contrast-specific US modes and a sulfur hexafluoride-filled microbubble contrast agent: diagnostic performance and confidence. <i>Radiology</i> , 2004 , 232, 420-30	20.5	406
116	Microbubble ultrasound contrast agents: an update. <i>European Radiology</i> , 2007 , 17, 1995-2008	8	263
115	Mammography with synchrotron radiation: first clinical experience with phase-detection technique. <i>Radiology</i> , 2011 , 259, 684-94	20.5	172
114	Comparison of contrast-enhanced sonography with unenhanced sonography and contrast-enhanced CT in the diagnosis of malignancy in complex cystic renal masses. <i>American Journal of Roentgenology</i> , 2008 , 191, 1239-49	5.4	171
113	Contrast-enhanced ultrasonographic evaluation of inflammatory activity in Crohn's disease. <i>Gastroenterology</i> , 2009 , 137, 43-52	13.3	168
112	Comparison of contrast-enhanced ultrasonography versus baseline ultrasound and contrast-enhanced computed tomography in metastatic disease of the liver: diagnostic performance and confidence. <i>European Radiology</i> , 2006 , 16, 1599-609	8	131
111	Assessment of tissue perfusion by contrast-enhanced ultrasound. <i>European Radiology</i> , 2011 , 21, 604-15	8	75
110	The diagnostic value of small bowel wall vascularity after sulfur hexafluoride-filled microbubble injection in patients with Crohn's disease. Correlation with the therapeutic effectiveness of specific anti-inflammatory treatment. <i>European Journal of Radiology</i> , 2009 , 69, 438-44	4.7	73
109	Characterization of liver hemangiomas with pulse inversion harmonic imaging. <i>European Radiology</i> , 2002 , 12, 537-44	8	64
108	Characterization of unifocal liver lesions with pulse inversion harmonic imaging after Levovist injection: preliminary results. <i>European Radiology</i> , 2000 , 10, 1369-76	8	64
107	The mammography project at the SYRMEP beamline. <i>European Journal of Radiology</i> , 2008 , 68, S58-62	4.7	61
106	Inflammatory activity in Crohn disease: ultrasound findings. <i>Abdominal Imaging</i> , 2008 , 33, 589-97		58
105	Color Doppler imaging of posttraumatic priapism before and after selective embolization. <i>Radiographics</i> , 2003 , 23, 495-503	5.4	58
104	Renal parenchymal diseases: is characterization feasible with ultrasound?. <i>European Radiology</i> , 2002 , 12, 2006-20	8	58
103	The value of small bowel wall contrast enhancement after sulfur hexafluoride-filled microbubble injection to differentiate inflammatory from fibrotic strictures in patients with Crohn's disease. <i>Ultrasound in Medicine and Biology</i> , 2012 , 38, 1324-32	3.5	52
102	Characterization of renal tumours with pulse inversion harmonic imaging by intermittent high mechanical index technique: initial results. <i>European Radiology</i> , 2003 , 13, 1402-12	8	52
101	Analysis of the impact of digital tomosynthesis on the radiological investigation of patients with suspected pulmonary lesions on chest radiography. <i>European Radiology</i> , 2012 , 22, 1912-22	8	43

100	Detection of liver metastases by pulse inversion harmonic imaging during Levovist late phase: comparison with conventional ultrasound and helical CT in 160 patients. <i>European Radiology</i> , 2003 , 13, 475-83	8	43
99	Liver haemangiomas undetermined at grey-scale ultrasound: contrast-enhancement patterns with SonoVue and pulse-inversion US. <i>European Radiology</i> , 2005 , 15, 685-93	8	42
98	The value of digital tomosynthesis in the diagnosis of suspected pulmonary lesions on chest radiography: analysis of diagnostic accuracy and confidence. <i>Academic Radiology</i> , 2010 , 17, 1267-74	4.3	41
97	Benign focal liver lesions: spectrum of findings on SonoVue-enhanced pulse-inversion ultrasonography. <i>European Radiology</i> , 2005 , 15, 1643-9	8	39
96	Time-Intensity Curves Obtained after Microbubble Injection Can Be Used to Differentiate Responders from Nonresponders among Patients with Clinically Active Crohn Disease after 6 Weeks of Pharmacologic Treatment. <i>Radiology</i> , 2016 , 281, 606-616	20.5	37
95	The value of time-intensity curves obtained after microbubble contrast agent injection to discriminate responders from non-responders to anti-inflammatory medication among patients with Crohn's disease. <i>European Radiology</i> , 2013 , 23, 1650-9	8	36
94	US characterization of focal hepatic lesions with intermittent high-acoustic-power mode and contrast material. <i>Academic Radiology</i> , 2003 , 10, 739-50	4.3	34
93	Painful penile induration: imaging findings and management. <i>Radiographics</i> , 2009 , 29, 477-93	5.4	33
92	Contrast-enhanced ultrasound of the small bowel in Crohn's disease. <i>Abdominal Imaging</i> , 2013 , 38, 1005-13		32
91	The application of ultrasound contrast agents in the characterization of renal tumors. <i>World Journal of Urology</i> , 2004 , 22, 316-22	4	31
90	Inflammatory activity in Crohn's disease: CE-US. <i>Abdominal Imaging</i> , 2011 , 36, 142-8		30
89	Initial observations on the effect of irradiation on the liver-specific uptake of Levovist. <i>European Journal of Radiology</i> , 2002 , 41, 192-9	4.7	30
88	Targeting Lewis Y (Le(y)) in small cell lung cancer with a humanized monoclonal antibody, hu3S193: a pilot trial testing two dose levels. <i>Journal of Thoracic Oncology</i> , 2007 , 2, 947-52	8.9	29
87	The added diagnostic value of 64-row multidetector CT combined with contrast-enhanced US in the evaluation of hepatocellular nodule vascularity: implications in the diagnosis of malignancy in patients with liver cirrhosis. <i>European Radiology</i> , 2009 , 19, 651-63	8	27
86	Subtyping of Primary Aldosteronism in the AVIS-2 Study: Assessment of Selectivity and Lateralization. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020 , 105,	5.6	27
85	Indeterminate solid hepatic lesions identified on non-diagnostic contrast-enhanced computed tomography: assessment of the additional diagnostic value of contrast-enhanced ultrasound in the non-cirrhotic liver. <i>European Journal of Radiology</i> , 2014 , 83, 456-62	4.7	26
84	Fast T2 mapping of the patellar articular cartilage with gradient and spin-echo magnetic resonance imaging at 1.5 T: validation and initial clinical experience in patients with osteoarthritis. <i>Skeletal Radiology</i> , 2008 , 37, 511-7	2.7	26
83	Radiologic-pathologic correlations of intratumoral tissue components in the most common solid and cystic renal tumors. Pictorial review. <i>European Radiology</i> , 2005 , 15, 1734-44	8	26

82	Diagnostic value of hepatocellular nodule vascularity after microbubble injection for characterizing malignancy in patients with cirrhosis. <i>American Journal of Roentgenology</i> , 2007 , 189, 1474-83	5.4	25
81	Digital tomosynthesis as a problem-solving imaging technique to confirm or exclude potential thoracic lesions based on chest X-ray radiography. <i>Academic Radiology</i> , 2013 , 20, 546-53	4.3	23
80	Transcranial Doppler: state of the art. <i>European Journal of Radiology</i> , 1998 , 27 Suppl 2, S141-8	4.7	23
79	Predictors of dysplastic nodule diagnosis in patients with liver cirrhosis on unenhanced and gadobenate dimeglumine-enhanced MRI with dynamic and hepatobiliary phase. <i>American Journal of Roentgenology</i> , 2013 , 200, 553-62	5.4	22
78	Differentiation of Inflammatory From Fibrotic Ileal Strictures among Patients with Crohn's Disease Based on Visual Analysis: Feasibility Study Combining Conventional B-Mode Ultrasound, Contrast-Enhanced Ultrasound and Strain Elastography. <i>Ultrasound in Medicine and Biology</i> , 2018 , 44, 762-770	3.5	21
77	Effect of observer experience in the differentiation between benign and malignant liver tumors after ultrasound contrast agent injection. <i>Journal of Ultrasound in Medicine</i> , 2010 , 29, 25-36	2.9	21
76	[Differential patterns of contrast enhancement in different focal liver lesions after injection of the microbubble US contrast agent SonoVue]. <i>Radiologia Medica</i> , 2004 , 107, 155-65	6.5	20
75	Radiology imaging of renal structure and function by computed tomography, magnetic resonance imaging, and ultrasound. <i>Seminars in Nuclear Medicine</i> , 2011 , 41, 45-60	5.4	19
74	Interstitial Lung Disease at High Resolution CT after SARS-CoV-2-Related Acute Respiratory Distress Syndrome According to Pulmonary Segmental Anatomy. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	19
73	Comparison of visual and quantitative analysis for characterization of insonated liver tumors after microbubble contrast injection. <i>American Journal of Roentgenology</i> , 2006 , 186, 1560-70	5.4	18
72	Color Doppler appearance of penile cavernosal-spongiosal communications in patients with severe Peyronie's disease. <i>European Radiology</i> , 2002 , 12, 2525-31	8	18
71	Diagnostic imaging costs before and after digital tomosynthesis implementation in patient management after detection of suspected thoracic lesions on chest radiography. <i>Insights Into Imaging</i> , 2014 , 5, 147-55	5.6	17
70	Diffusion-weighted magnetic resonance imaging in the prediction and assessment of chemotherapy outcome in liver metastases. <i>Radiologia Medica</i> , 2014 , 119, 625-33	6.5	17
69	Solid focal liver lesions indeterminate by contrast-enhanced CT or MR imaging: the added diagnostic value of contrast-enhanced ultrasound. <i>Abdominal Imaging</i> , 2012 , 37, 580-90		16
68	Radiological investigation of gunshot wounds: a systematic review of published evidence. <i>International Journal of Legal Medicine</i> , 2019 , 133, 1149-1158	3.1	15
67	Classification and Safety of Microbubble-Based Contrast Agents 2005 , 3-14		15
66	Differentiation of Inflammatory from Fibrotic Ileal Strictures among Patients with Crohn's Disease through Analysis of Time-Intensity Curves Obtained after Microbubble Contrast Agent Injection. <i>Ultrasound in Medicine and Biology</i> , 2017 , 43, 1171-1178	3.5	14
65	Activity-based cost analysis of contrast-enhanced ultrasonography (CEUS) related to the diagnostic impact in focal liver lesion characterisation. <i>Insights Into Imaging</i> , 2015 , 6, 499-508	5.6	14

64	Imaging of haemodialysis: renal and extrarenal findings. <i>Insights Into Imaging</i> , 2015 , 6, 309-21	5.6	14
63	Assessment of a new mathematical model for the computation of numerical parameters related to renal cortical blood flow and fractional blood volume by contrast-enhanced ultrasound. <i>Ultrasound in Medicine and Biology</i> , 2009 , 35, 616-27	3.5	14
62	Molecular Imaging of Pulmonary Inflammation and Infection. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	13
61	Morphological breast imaging: tomography and digital mammography with synchrotron radiation. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2003 , 497, 9-13	1.2	13
60	Characterization of focal liver lesions with pulse inversion harmonic imaging (PIHI) using a second generation US contrast agent. <i>Academic Radiology</i> , 2002 , 9 Suppl 2, S376-9	4.3	13
59	Impact of gadolinium-based contrast agent in the assessment of Crohn's disease activity: Is contrast agent injection necessary?. <i>Journal of Magnetic Resonance Imaging</i> , 2016 , 43, 688-97	5.6	13
58	Evidence of diagnostic enhancement pattern in hepatocellular carcinoma nodules \geq cm according to the AASLD/EASL revised criteria. <i>Abdominal Imaging</i> , 2013 , 38, 1245-53		12
57	Established paths and new avenues: a review of the main radiological techniques for investigating sarcopenia. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020 , 10, 1602-1613	3.6	12
56	Value of percent change in tumoral volume measured at T-weighted and diffusion-weighted MRI to identify responders after neoadjuvant chemoradiation therapy in patients with locally advanced rectal carcinoma. <i>Journal of Magnetic Resonance Imaging</i> , 2016 , 44, 1415-1424	5.6	12
55	Gray Scale Ultrasound, Color Doppler Ultrasound, and Contrast-Enhanced Ultrasound in Renal Parenchymal Diseases. <i>Ultrasound Quarterly</i> , 2018 , 34, 250-267	1.4	12
54	Biochemical markers and MR imaging findings as predictors of crohn disease activity in patients scanned by contrast-enhanced MR enterography. <i>Academic Radiology</i> , 2014 , 21, 1225-32	4.3	11
53	Contrast enhancement ultrasound application in focal liver lesions characterization: a retrospective study about guidelines application (SOCEUS-CEUS survey). <i>Journal of Ultrasound</i> , 2016 , 19, 99-106	3.4	11
52	State of the Art: LI-RADS for Contrast-enhanced US. <i>Radiology</i> , 2019 , 293, 4-14	20.5	10
51	Detection of focal renal perfusion defects in rabbits after sulphur hexafluoride-filled microbubble injection at low transmission power ultrasound insonation. <i>European Radiology</i> , 2006 , 16, 166-72	8	10
50	Physical Basis and Principles of Action of Microbubble-based Contrast Agents 2005 , 15-30		10
49	Arterial enhancing-only nodules less than 2 cm in diameter in patients with liver cirrhosis: predictors of hepatocellular carcinoma diagnosis on gadobenate dimeglumine-enhanced MR imaging. <i>Journal of Magnetic Resonance Imaging</i> , 2013 , 37, 892-902	5.6	9
48	Evaluation of liver parenchymal blood flow with contrast-enhanced US: preliminary results in healthy and cirrhotic patients. <i>Academic Radiology</i> , 2003 , 10, 869-76	4.3	9
47	Bolus versus continuous infusion of microbubble contrast agent for liver ultrasound by using an automatic power injector in humans: A pilot study. <i>Journal of Clinical Ultrasound</i> , 2016 , 44, 136-42	1	8

46	Intraoperative ultrasonography (ioUS) characteristics of focal cortical dysplasia (FCD) type II b. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2019 , 69, 80-86	3.2	7
45	Terminology for contrast-enhanced sonography: a practical glossary. <i>Journal of Ultrasound in Medicine</i> , 2007 , 26, 717-30	2.9	7
44	Imaging characteristics of pleural tumours. <i>Insights Into Imaging</i> , 2015 , 6, 729-40	5.6	6
43	Advanced intraoperative ultrasound (ioUS) techniques in focal cortical dysplasia (FCD) surgery: A preliminary experience on a case series. <i>Clinical Neurology and Neurosurgery</i> , 2020 , 198, 106188	2	6
42	High-resolution CT features in patients with COVID-19 pneumonia and negative nasopharyngeal and oropharyngeal swabs. <i>Pulmonology</i> , 2021 , 27, 351-353	3.7	6
41	Diagnostic impact of digital tomosynthesis in oncologic patients with suspected pulmonary lesions on chest radiography. <i>European Radiology</i> , 2016 , 26, 2837-44	8	5
40	Characterization and Detection of Renal Tumors 2005 , 223-244		5
39	Predictors of intrahepatic cholangiocarcinoma in cirrhotic patients scanned by gadobenate dimeglumine-enhanced magnetic resonance imaging: diagnostic accuracy and confidence. <i>Clinical Imaging</i> , 2015 , 39, 1032-8	2.7	4
38	Spectral presaturation inversion recovery MR imaging sequence after gadolinium injection to differentiate fibrotic scar tissue and neoplastic strands in the mesorectal fat in patients undergoing restaging of rectal carcinoma after neoadjuvant chemo- and radiation therapy. <i>Academic Radiology</i> , 2011 , 18, 1365-75	4.3	4
37	The value of gamma camera and computed tomography data set coregistration to assess Lewis Y antigen targeting in small cell lung cancer by (111)Indium-labeled humanized monoclonal antibody 3S193. <i>European Journal of Radiology</i> , 2008 , 67, 292-299	4.7	4
36	Complete penile corporeal septation: evaluation with contrast enhanced US. <i>Abdominal Imaging</i> , 2008 , 33, 621-5		4
35	Characterization of Focal Liver Lesions 2005 , 125-166		4
34	Early Predictors of the Long-term Response to Therapy in Patients With Crohn Disease Derived From a Time-Intensity Curve Analysis After Microbubble Contrast Agent Injection. <i>Journal of Ultrasound in Medicine</i> , 2019 , 38, 947-958	2.9	4
33	Sarcopenia in juvenile localized scleroderma: new insights on deep involvement. <i>European Radiology</i> , 2020 , 30, 4091-4097	8	2
32	Predictors of mesorectal fascia invasion after gadolinium injection in rectal carcinoma after neoadjuvant therapy. <i>Clinical Imaging</i> , 2014 , 38, 698-703	2.7	2
31	Diagnostic Accuracy of CT Texture Analysis in Adrenal Masses: A Systematic Review.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	2
30	Attenuation Value in Adrenal Incidentalomas: A Longitudinal Study.. <i>Frontiers in Endocrinology</i> , 2021 , 12, 794197	5.7	2
29	Fully integrated 18F-FDG PET/MR in large vessel vasculitis. <i>Quarterly Journal of Nuclear Medicine and Molecular Imaging</i> , 2019 ,	1.4	2

28	The Most Appropriate Time Delay after Microbubble Contrast Agent Intravenous Injection to Maximize Liver Metastasis Conspicuity on Contrast-Enhanced Ultrasound. <i>Journal of Medical Ultrasound</i> , 2018 , 26, 128-133	0.8	2
27	The role of radiological and hybrid imaging for muscle metastases: a systematic review. <i>European Radiology</i> , 2020 , 30, 2209-2219	8	2
26	How to Perform Intra-Operative Contrast-Enhanced Ultrasound of the Brain-A WFUMB Position Paper. <i>Ultrasound in Medicine and Biology</i> , 2021 , 47, 2006-2016	3.5	2
25	Diagnostic Accuracy of Chest Digital Tomosynthesis in Patients Recovering after COVID-19 Pneumonia. <i>Tomography</i> , 2022 , 8, 1221-1227	3.1	2
24	Can chest computed tomography findings be compared between outpatient and hospitalized COVID-19 patients?. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2022 ,	1.4	1
23	The Link of Pancreatic Iron with Glucose Metabolism and Cardiac Iron in Thalassemia Intermedia: A Large, Multicenter Observational Study. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	1
22	Ultrasound of the Kidney. <i>Medical Radiology</i> , 2014 , 83-121	0.2	1
21	Chest computed tomography in COVID-19 infection. <i>Clinical and Translational Imaging</i> , 2021 , 1-2	2	1
20	Digital tomosynthesis and ground glass nodules: Optimization of acquisition protocol. A phantom study. <i>Radiography</i> , 2021 , 27, 574-580	2	0
19	Ultrasound of the Kidney. <i>Medical Radiology</i> , 2010 , 87-127	0.2	
18	Obstructive Uropathy, Pyonephrosis, and Reflux Nephropathy in Adults. <i>Medical Radiology</i> , 2010 , 357-393.	2	
17	Classificazione dei mezzi di contrasto a base di microbolle 2007 , 1-6		
16	Detection of Focal Liver Lesions 2005 , 167-185		
15	Contrast-Specific Imaging Techniques: Methodological Point of View 2005 , 71-76		
14	Linee guida europee nell'impiego dei mezzi di contrasto ecografici a livello epatico 2007 , 105-108		
13	Valutazione della perfusione renale 2007 , 133-141		
12	Caratterizzazione di lesioni focali epatiche 2007 , 21-43		
11	Applicazione dei mezzi di contrasto ecografici nelle lesioni focali del fegato steatosico, nelle lesioni epatiche rare e nelle pseudolesioni del fegato 2007 , 45-62		

10 Identificazione delle metastasi epatiche **2007**, 63-74

9 High resolution computed tomography texture analysis identifies patients at risk of pulmonary fibrosis after COVID-19 pneumonia.. *Quantitative Imaging in Medicine and Surgery*, **2022**, 12, 2199-2202 3.6

8 Chronic Inflammatory Bowel Disease **2019**, 347-363

7 Pretherapeutic Diagnosis and Staging. *Updates in Surgery Series*, **2013**, 9-26 0.1

6 Obstructive Uropathy, Pyonephrosis, and Reflux Nephropathy in Adults. *Medical Radiology*, **2014**, 353-389.2

5 Sternal transplant using cadaveric allograft: quantitative and qualitative assessment of bone healing by computed tomography. *Quantitative Imaging in Medicine and Surgery*, **2021**, 11, 502-509 3.6

4 Can rapid antibody tests and chest computed tomography really substitute real-time polymerase chain reaction in COVID-19?. *Journal of Medical Virology*, **2022**, 94, 18-19 19.7

3 Reconstruction of the dynamic in a fatal traffic accident with prolonged dragging of the victim. *Legal Medicine*, **2021**, 53, 101963 1.9

2 Predictors of Metastatic Lymph Nodes at Preoperative Staging CT in Gastric Adenocarcinoma. *Tomography*, **2022**, 8, 1196-1207 3.1

1 Tumor Diagnosis and Treatment: Imaging Assessment. *Tomography*, **2022**, 8, 1463-1465 3.1