

Emilio Quaia

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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
116	Diagnostic Accuracy of CT Texture Analysis in Adrenal Masses: A Systematic Review.. <i>International Journal of Molecular Sciences</i> , 2022 , 23,	6.3	2
115	High resolution computed tomography texture analysis identifies patients at risk of pulmonary fibrosis after COVID-19 pneumonia.. <i>Quantitative Imaging in Medicine and Surgery</i> , 2022 , 12, 2199-2202	3.6	
114	Can rapid antibody tests and chest computed tomography really substitute real-time polymerase chain reaction in COVID-19?. <i>Journal of Medical Virology</i> , 2022 , 94, 18-19	19.7	
113	Predictors of Metastatic Lymph Nodes at Preoperative Staging CT in Gastric Adenocarcinoma. <i>Tomography</i> , 2022 , 8, 1196-1207	3.1	
112	Diagnostic Accuracy of Chest Digital Tomosynthesis in Patients Recovering after COVID-19 Pneumonia. <i>Tomography</i> , 2022 , 8, 1221-1227	3.1	2
111	Tumor Diagnosis and Treatment: Imaging Assessment. <i>Tomography</i> , 2022 , 8, 1463-1465	3.1	
110	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
109	Attenuation Value in Adrenal Incidentalomas: A Longitudinal Study.. <i>Frontiers in Endocrinology</i> , 2021 , 12, 794197	5.7	2
108	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
107	Digital tomosynthesis and ground glass nodules: Optimization of acquisition protocol. A phantom study. <i>Radiography</i> , 2021 , 27, 574-580	2	0
106	Sternal transplant using cadaveric allograft: quantitative and qualitative assessment of bone healing by computed tomography. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021 , 11, 502-509	3.6	
105	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
104	Chest computed tomography in COVID-19 infection. <i>Clinical and Translational Imaging</i> , 2021 , 1-2	2	1
103	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
102	Reconstruction of the dynamic in a fatal traffic accident with prolonged dragging of the victim. <i>Legal Medicine</i> , 2021 , 53, 101963	1.9	
101	Sarcopenia in juvenile localized scleroderma: new insights on deep involvement. <i>European Radiology</i> , 2020 , 30, 4091-4097	8	2

100	Molecular Imaging of Pulmonary Inflammation and Infection. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	13
99	The role of radiological and hybrid imaging for muscle metastases: a systematic review. <i>European Radiology</i> , 2020 , 30, 2209-2219	8	2
98	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
97	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
96	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
95	State of the Art: LI-RADS for Contrast-enhanced US. <i>Radiology</i> , 2019 , 293, 4-14	20.5	10
94	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
93	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
92	Fully integrated 18F-FDG PET/MR in large vessel vasculitis. <i>Quarterly Journal of Nuclear Medicine and Molecular Imaging</i> , 2019 ,	1.4	2
91	Chronic Inflammatory Bowel Disease 2019 , 347-363		
90	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
89	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, 740-750	3.5	21
88	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
87	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
86	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
85	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
84	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
83	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

82	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
81	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
80	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
79	Imaging characteristics of pleural tumours. <i>Insights Into Imaging</i> , 2015 , 6, 729-40	5.6	6
78	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
77	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
76	Imaging of haemodialysis: renal and extrarenal findings. <i>Insights Into Imaging</i> , 2015 , 6, 309-21	5.6	14
75	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
74	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
73	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
72	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
71	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
70	Ultrasound of the Kidney. <i>Medical Radiology</i> , 2014 , 83-121	0.2	1
69	Obstructive Uropathy, Pyonephrosis, and Reflux Nephropathy in Adults. <i>Medical Radiology</i> , 2014 , 353-389.2		
68	Contrast-enhanced ultrasound of the small bowel in Crohn's disease. <i>Abdominal Imaging</i> , 2013 , 38, 1005-13		32
67	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
66	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
65	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

64	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
63	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
62	Pretherapeutic Diagnosis and Staging. <i>Updates in Surgery Series</i> , 2013 , 9-26	0.1	
61	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
60	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
59	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
58	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
57	Assessment of tissue perfusion by contrast-enhanced ultrasound. <i>European Radiology</i> , 2011 , 21, 604-15	8	75
56	Inflammatory activity in Crohn's disease: CE-US. <i>Abdominal Imaging</i> , 2011 , 36, 142-8		30
55	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
54	Mammography with synchrotron radiation: first clinical experience with phase-detection technique. <i>Radiology</i> , 2011 , 259, 684-94	20.5	172
53	Ultrasound of the Kidney. <i>Medical Radiology</i> , 2010 , 87-127	0.2	
52	Obstructive Uropathy, Pyonephrosis, and Reflux Nephropathy in Adults. <i>Medical Radiology</i> , 2010 , 357-393.	2	
51	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
50	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
49	Painful penile induration: imaging findings and management. <i>Radiographics</i> , 2009 , 29, 477-93	5.4	33
48	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
47	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

46	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
45	Contrast-enhanced ultrasonographic evaluation of inflammatory activity in Crohn's disease. <i>Gastroenterology</i> , 2009 , 137, 43-52	13.3	168
44	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
43	The mammography project at the SYRMEP beamline. <i>European Journal of Radiology</i> , 2008 , 68, S58-62	4.7	61
42	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
41	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
40	Inflammatory activity in Crohn disease: ultrasound findings. <i>Abdominal Imaging</i> , 2008 , 33, 589-97		58
39	Complete penile corporeal septation: evaluation with contrast enhanced US. <i>Abdominal Imaging</i> , 2008 , 33, 621-5		4
38	Microbubble ultrasound contrast agents: an update. <i>European Radiology</i> , 2007 , 17, 1995-2008	8	263
37	Classificazione dei mezzi di contrasto a base di microbolle 2007 , 1-6		
36	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
35	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
34	Terminology for contrast-enhanced sonography: a practical glossary. <i>Journal of Ultrasound in Medicine</i> , 2007 , 26, 717-30	2.9	7
33	Linee guida europee nell'impiego dei mezzi di contrasto ecografici a livello epatico 2007 , 105-108		
32	Valutazione della perfusione renale 2007 , 133-141		
31	Caratterizzazione di lesioni focali epatiche 2007 , 21-43		
30	Applicazione dei mezzi di contrasto ecografici nelle lesioni focali del fegato steatosico, nelle lesioni epatiche rare e nelle pseudolesioni del fegato 2007 , 45-62		
29	Identificazione delle metastasi epatiche 2007 , 63-74		

28	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
27	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
26	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
25	Classification and Safety of Microbubble-Based Contrast Agents 2005 , 3-14		15
24	Detection of Focal Liver Lesions 2005 , 167-185		
23	Physical Basis and Principles of Action of Microbubble-based Contrast Agents 2005 , 15-30		10
22	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
21	Benign focal liver lesions: spectrum of findings on SonoVue-enhanced pulse-inversion ultrasonography. <i>European Radiology</i> , 2005 , 15, 1643-9	8	39
20	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
19	Contrast-Specific Imaging Techniques: Methodological Point of View 2005 , 71-76		
18	Characterization and Detection of Renal Tumors 2005 , 223-244		5
17	Characterization of Focal Liver Lesions 2005 , 125-166		4
16	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
15	The application of ultrasound contrast agents in the characterization of renal tumors. <i>World Journal of Urology</i> , 2004 , 22, 316-22	4	31
14	[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
13	Color Doppler imaging of posttraumatic priapism before and after selective embolization. <i>Radiographics</i> , 2003 , 23, 495-503	5.4	58
12	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
11	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

10	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
9	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
8	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
7	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
6	Renal parenchymal diseases: is characterization feasible with ultrasound?. <i>European Radiology</i> , 2002 , 12, 2006-20	8	58
5	Characterization of liver hemangiomas with pulse inversion harmonic imaging. <i>European Radiology</i> , 2002 , 12, 537-44	8	64
4	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
3	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
2	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
1	Transcranial Doppler: state of the art. <i>European Journal of Radiology</i> , 1998 , 27 Suppl 2, S141-8	4-7	23