

# Luciano Agati

## 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.

100  
papers

3,291  
citations

29  
h-index

55  
g-index

105  
ext. papers

3,726  
ext. citations

4.1  
avg. IF

4.41  
L-index

#	Paper	IF	Citations
100	Complex connections: A young man presenting with shortness of breath, hypoxemia, right lumbar pain and left limb swelling.. <i>Echocardiography</i> , <b>2022</b> ,	1.5	
99	Protective Value of Aspirin Loading Dose on Left Ventricular Remodeling After ST-Elevation Myocardial Infarction.. <i>Frontiers in Cardiovascular Medicine</i> , <b>2022</b> , 9, 786509	5.4	0
98	Chemotherapy as a possible trigger for the myocardial lipomatosis development. <i>Arterial Hypertension (Russian Federation)</i> , <b>2022</b> , 27, 706-712	0.7	0
97	Peak white blood cell count, infarct size and myocardial salvage in patients with reperfused ST-elevation myocardial infarction: a cardiac magnetic resonance study. <i>Journal of Cardiovascular Medicine</i> , <b>2021</b> , 22, 228-230	1.9	
96	The evolving role of echocardiography in the assessment of patent foramen ovale in patients with left-side thromboembolism. <i>Echocardiography</i> , <b>2021</b> , 38, 657-675	1.5	2
95	Blood flow patterns estimation in the left ventricle with low-rate 2D and 3D dynamic contrast-enhanced ultrasound. <i>Computer Methods and Programs in Biomedicine</i> , <b>2021</b> , 198, 105810	6.9	1
94	Characteristics and Risk Factors of Yemeni Patients Presenting with Myocardial Infarction with Nonobstructive Coronary Arteries (MINOCA).. <i>Heart Views</i> , <b>2021</b> , 22, 235-239	0.7	
93	Impact of intraventricular haemodynamic forces misalignment on left ventricular remodelling after myocardial infarction.. <i>ESC Heart Failure</i> , <b>2021</b> ,	3.7	3
92	Echocardiography and Correction of Mitral Regurgitation: An Unbreakable Link. <i>Cardiology</i> , <b>2020</b> , 145, 110-120	1.6	9
91	An exploratory cross-sectional study of subclinical vascular damage in patients with polymyalgia rheumatica. <i>Scientific Reports</i> , <b>2020</b> , 10, 11407	4.9	1
90	In the Eye of the Storm: Echocardiographic Particle Image Velocimetry Analysis in a Patient with Takotsubo Syndrome. <i>Echocardiography</i> , <b>2020</b> , 37, 1312-1314	1.5	1
89	Early or deferred cardiovascular magnetic resonance after ST-segment-elevation myocardial infarction for effective risk stratification. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2020</b> , 21, 632-639	4.1	12
88	Contrast Echocardiography in the ICU and OR <b>2019</b> , 269-273		
87	Changes in Intraventricular Flow Patterns after MitraClip Implant in Patients with Functional Severe Mitral Regurgitation. <i>Journal of the American Society of Echocardiography</i> , <b>2019</b> , 32, 1250-1253.e1	5.8	5
86	2D/3D Echocardiographic features of patients with reverse remodeling after cardiac resynchronization therapy. <i>Echocardiography</i> , <b>2019</b> , 36, 1475-1481	1.5	2
85	Acute heart failure in Yemen. <i>Journal of Cardiovascular Medicine</i> , <b>2019</b> , 20, 156-158	1.9	1
84	Mid-term repair durability after MitraClip implantation in patients with functional mitral regurgitation. <i>Journal of Cardiovascular Medicine</i> , <b>2019</b> , 20, 701-708	1.9	2

83	2D/3D echocardiographic determinants of left ventricular reverse remodelling after MitraClip implantation. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2019</b> , 20, 558-564	4.1	11
82	Microvascular obstruction extent predicts major adverse cardiovascular events in patients with acute myocardial infarction and preserved ejection fraction. <i>European Radiology</i> , <b>2019</b> , 29, 2369-2377	8	17
81	Myocardial Salvage Imaging: Where Are We and Where Are We Heading? A Cardiac Magnetic Resonance Perspective. <i>Current Cardiovascular Imaging Reports</i> , <b>2018</b> , 11, 1	0.7	3
80	Comprehensive Assessment of Mitral Valve Geometry and Cardiac Remodeling With 3-Dimensional Echocardiography After Percutaneous Mitral Valve Repair. <i>American Journal of Cardiology</i> , <b>2018</b> , 122, 1195-1203	3	11
79	Mediterranean diet adherence and synergy with acute myocardial infarction and its determinants: A multicenter case-control study in Italy. <i>PLoS ONE</i> , <b>2018</b> , 13, e0193360	3.7	6
78	Direct oral anticoagulants use in elderly patients with non valvular atrial fibrillation: state of evidence. <i>Minerva Cardiology and Angiology</i> , <b>2018</b> , 66, 301-313	2.4	8
77	Long-Term Incremental Prognostic Value of Cardiovascular Magnetic Resonance After ST-Segment Elevation Myocardial Infarction: A Study of the Collaborative Registry on CMR in STEMI. <i>JACC: Cardiovascular Imaging</i> , <b>2018</b> , 11, 813-825	8.4	47
76	Significant increase of flow kinetic energy in "nonresponders" patients to cardiac resynchronization therapy. <i>Echocardiography</i> , <b>2017</b> , 34, 709-715	1.5	12
75	Clinical characteristics and outcomes of Yemeni patients with acute heart failure aged 50years or younger: Data from Gulf Acute Heart Failure Registry (Gulf CARE). <i>International Journal of Cardiology</i> , <b>2017</b> , 229, 91-95	3.2	1
74	Clinical practice of contrast echocardiography: recommendation by the European Association of Cardiovascular Imaging (EACVI) 2017. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2017</b> , 18, 1205-1205af	4.1	108
73	Impact of active smoking on myocardial infarction severity in reperfused ST-segment elevation myocardial infarction patients: the smoker's paradox revisited. <i>European Heart Journal</i> , <b>2016</b> , 37, 2756-2764	2.5	42
72	Contrast-Enhanced Ultrasound Imaging in Detection of Changes in Cerebral Perfusion. <i>Ultrasound in Medicine and Biology</i> , <b>2016</b> , 42, 2708-2716	3.5	14
71	Reperfusion therapy for ST elevation acute myocardial infarction in Yemen: Description of the current situation: Data from Gulf Registry of Acute Coronary Events (the Gulf RACE-I). <i>International Journal of Cardiology</i> , <b>2015</b> , 187, 128-9	3.2	1
70	Chronic cerebrospinal venous insufficiency in patients with Ménière's disease. <i>European Archives of Oto-Rhino-Laryngology</i> , <b>2015</b> , 272, 77-82	3.5	25
69	Impact of Heart Rate on Myocardial Salvage in Timely Reperfused Patients with ST-Segment Elevation Myocardial Infarction: New Insights from Cardiovascular Magnetic Resonance. <i>PLoS ONE</i> , <b>2015</b> , 10, e0145495	3.7	6
68	Impact of active smoking on myocardial infarction severity in reperfused ST-segment elevation myocardial infarction patients. The smoker's paradox revisited by CMR. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2015</b> , 17, Q62	6.9	78
67	Ultra low-dose of gadobenate dimeglumine for late gadolinium enhancement (LGE) imaging in acute myocardial infarction: a feasibility study. <i>European Journal of Radiology</i> , <b>2014</b> , 83, 2151-2158	4.7	9
66	Decrease of asymmetric dimethyl arginine after anti-TNF therapy in patients with rheumatoid arthritis. <i>Drug Development Research</i> , <b>2014</b> , 75 Suppl 1, S67-9	5.1	17

65	Quantitative analysis of intraventricular blood flow dynamics by echocardiographic particle image velocimetry in patients with acute myocardial infarction at different stages of left ventricular dysfunction. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2014</b> , 15, 1203-12	4.1	51
64	Utility of cardiac magnetic resonance (CMR) in the evaluation of right ventricular (RV) involvement in patients with myocardial infarction (MI). <i>Radiologia Medica</i> , <b>2014</b> , 119, 309-17	6.5	3
63	Value of two-dimensional longitudinal strains analysis to assess the impact of thrombus aspiration during primary percutaneous coronary intervention on left ventricular function: a speckle tracking imaging substudy of the EXPIRA trial. <i>Echocardiography</i> , <b>2014</b> , 31, 842-7	1.5	
62	Contrast Echocardiography in the ICU and OR <b>2013</b> , 245-248		
61	Prodromal angina is associated with myocardial salvage in acute ST-segment elevation myocardial infarction. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2013</b> , 14, 1041-8	4.1	15
60	Comparison of sulfur hexafluoride microbubble (SonoVue)-enhanced myocardial contrast echocardiography with gated single-photon emission computed tomography for detection of significant coronary artery disease: a large European multicenter study. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 62, 1070-11	15.1	80
59	In vivo analysis of intraventricular fluid dynamics in healthy hearts. <i>European Journal of Mechanics, B/Fluids</i> , <b>2012</b> , 35, 40-46	2.4	44
58	Impact of gender differences on myocardial salvage and post-ischaemic left ventricular remodelling after primary coronary angioplasty: new insights from cardiovascular magnetic resonance. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2012</b> , 13, 948-53	4.1	32
57	Three-dimensional echocardiographic characterization of patients with left ventricular noncompaction. <i>Journal of the American Society of Echocardiography</i> , <b>2012</b> , 25, 203-9	5.8	28
56	Serum levels of asymmetric dimethylarginine and apelin as potential markers of vascular endothelial dysfunction in early rheumatoid arthritis. <i>Mediators of Inflammation</i> , <b>2012</b> , 2012, 347268	4.3	33
55	Altered glucose homeostasis is associated with increased serum apelin levels in type 2 diabetes mellitus. <i>PLoS ONE</i> , <b>2012</b> , 7, e51236	3.7	37
54	Severe oligozoospermia in a young man with chronic myeloid leukemia on long-term treatment with imatinib started before puberty. <i>Fertility and Sterility</i> , <b>2011</b> , 95, 1120.e15-7	4.8	28
53	3D echocardiographic delineation of mitral-aortic intervalular fibrosa pseudoaneurysm caused by bicuspid aortic valve endocarditis. <i>Echocardiography</i> , <b>2011</b> , 28, E1-4	1.5	12
52	Correlation between coronary artery disease severity, left ventricular mass index and carotid intima media thickness, assessed by radio-frequency. <i>Cardiovascular Ultrasound</i> , <b>2011</b> , 9, 32	2.4	22
51	Relationship between location and size of myocardial infarction and their reciprocal influences on post-infarction left ventricular remodelling. <i>European Heart Journal</i> , <b>2011</b> , 32, 1640-8	9.5	91
50	Determinants of microvascular damage recovery after acute myocardial infarction: results from the acute myocardial infarction contrast imaging (AMICI) multi-centre study. <i>European Journal of Echocardiography</i> , <b>2011</b> , 12, 306-12		19
49	The red blood cell as a gender-associated biomarker in metabolic syndrome: a pilot study. <i>International Journal of Cell Biology</i> , <b>2011</b> , 2011, 204157	2.6	14
48	Pathophysiology of dynamic left ventricular outflow tract obstruction in a critically ill patient. <i>Echocardiography</i> , <b>2010</b> , 27, E122-4	1.5	8

47	Right ventricular ischemic injury in patients with acute ST-segment elevation myocardial infarction: characterization with cardiovascular magnetic resonance. <i>Circulation</i> , <b>2010</b> , 122, 1405-12	16.7	76
46	P-Selectin as a new gender associated biomarker in patients with metabolic syndrome. <i>International Journal of Cardiology</i> , <b>2010</b> , 145, 570-1	3.2	11
45	A multicenter randomized study to evaluate intracoronary abciximab with the ClearWay catheter to improve outcomes with Lysis (IC ClearLy): trial study design and rationale. <i>Journal of Cardiovascular Medicine</i> , <b>2010</b> , 11, 529-35	1.9	9
44	Comparison of immediate vs early invasive strategy in patients with first acute non-ST-elevation myocardial infarction. <i>Clinical Cardiology</i> , <b>2010</b> , 33, 650-655	3.3	16
43	Impact of thrombectomy with EXPort Catheter in Infarct-Related Artery during Primary Percutaneous Coronary Intervention (EXPIRA Trial) on cardiac death. <i>American Journal of Cardiology</i> , <b>2010</b> , 106, 624-9	3	45
42	Detection of coronary artery disease with perfusion stress echocardiography using a novel ultrasound imaging agent: two Phase 3 international trials in comparison with radionuclide perfusion imaging. <i>European Journal of Echocardiography</i> , <b>2009</b> , 10, 26-35		56
41	Update on phase II studies of erythropoietin in acute myocardial infarction. Rationale and design of Exogenous erythroPoietin in Acute Myocardial Infarction: New Outlook aNd Dose Association Study (EPAMINONDAS). <i>Journal of Thrombosis and Thrombolysis</i> , <b>2009</b> , 28, 489-95	5.1	23
40	Thrombus aspiration during primary percutaneous coronary intervention improves myocardial reperfusion and reduces infarct size: the EXPIRA (thrombectomy with export catheter in infarct-related artery during primary percutaneous coronary intervention) prospective, randomized study. <i>Circulation</i> , <b>2009</b> , 120, 200-15	15.1	287
39	Impact of primary coronary angioplasty delay on myocardial salvage, infarct size, and microvascular damage in patients with ST-segment elevation myocardial infarction: insight from cardiovascular magnetic resonance. <i>Journal of the American College of Cardiology</i> , <b>2009</b> , 54, 2145-53	15.1	222
38	Incidence, determinants, and prognostic value of reverse left ventricular remodelling after primary percutaneous coronary intervention: results of the Acute Myocardial Infarction Contrast Imaging (AMICI) multicenter study. <i>European Heart Journal</i> , <b>2009</b> , 30, 566-75	9.5	89
37	Contrast echocardiography: evidence-based recommendations by European Association of Echocardiography. <i>European Journal of Echocardiography</i> , <b>2009</b> , 10, 194-212		233
36	The extent of microvascular damage during myocardial contrast echocardiography is superior to other known indexes of post-infarct reperfusion in predicting left ventricular remodeling: results of the multicenter AMICI study. <i>Journal of the American College of Cardiology</i> , <b>2008</b> , 51, 552-9	15.1	167
35	Erythropoietin in heart and vessels: focus on transcription and signalling pathways. <i>Journal of Thrombosis and Thrombolysis</i> , <b>2008</b> , 26, 183-7	5.1	64
34	The microenvironment can shift erythrocytes from a friendly to a harmful behavior: pathogenetic implications for vascular diseases. <i>Cardiovascular Research</i> , <b>2007</b> , 75, 21-8	9.9	83
33	Does coronary angioplasty after timely thrombolysis improve microvascular perfusion and left ventricular function after acute myocardial infarction?. <i>American Heart Journal</i> , <b>2007</b> , 154, 151-7	4.9	11
32	Mid-term efficacy of beraprost, an oral prostacyclin analog, in the treatment of distal CTEPH: a case control study. <i>Cardiology</i> , <b>2006</b> , 106, 168-73	1.6	15
31	Quantification methods in contrast echocardiography. <i>European Journal of Echocardiography</i> , <b>2005</b> , 6 Suppl 2, S14-20		14
30	Pulmonary transit of echocontrast agents during mechanical ventilation: a clinical transthoracic echocardiographic study. <i>Echocardiography</i> , <b>2005</b> , 22, 395-401	1.5	7

29	Clinical application of quantitative analysis in real-time MCE. <i>European Journal of Echocardiography</i> , <b>2004</b> , 5 Suppl 2, S17-23		12
28	Clinical Application of Quantitative Analysis in Myocardial Contrast Echocardiography <b>2004</b> , 91-103		
27	Assessment of myocardial viability in patients with postischemic left ventricular dysfunction: role of myocardial contrast echocardiography. <i>Echocardiography</i> , <b>2003</b> , 20 Suppl 1, S19-29	1.5	2
26	Tailored reperfusion strategies in acute myocardial infarction: role of intravenous myocardial contrast echocardiography. <i>Echocardiography</i> , <b>2002</b> , 19, 627-34	1.5	1
25	Assessment of no-reflow phenomenon after acute myocardial infarction with harmonic angiography and intravenous pump infusion with Levovist: comparison with intracoronary contrast injection. <i>Journal of the American Society of Echocardiography</i> , <b>2001</b> , 14, 773-81	5.8	22
24	Enhanced left ventricular endocardial border delineation with an intravenous injection of SonoVue, a new echocardiographic contrast agent: A European multicenter study. <i>Echocardiography</i> , <b>2000</b> , 17, 705-11	1.5	55
23	Noninvasive assessment of myocardial perfusion: preliminary results in patients with acute myocardial infarction. <i>American Journal of Cardiology</i> , <b>2000</b> , 86, 28G-29G	3	4
22	Role of echocardiography in acute chest pain syndrome. <i>American Journal of Cardiology</i> , <b>2000</b> , 86, 41G-43G		19
21	Detection of residual tissue viability within the infarct zone in patients with acute myocardial infarction: ultrasonic integrated backscatter analysis versus dobutamine stress echocardiography. <i>Journal of the American Society of Echocardiography</i> , <b>2000</b> , 13, 358-67	5.8	15
20	Harmonic Imaging with Levovist for Transthoracic Echocardiographic Reconstruction of Left Ventricle in Patients with Post-Ischemic Left Ventricular Dysfunction and Suboptimal Acoustic Windows. <i>Journal of the American Society of Echocardiography</i> , <b>2000</b> , 13, 139-145	5.8	9
19	Microvascular integrity after reperfusion therapy. <i>American Heart Journal</i> , <b>1999</b> , 138, S76-8	4.9	27
18	The complex relation between myocardial viability and functional recovery in chronic left ventricular dysfunction. <i>American Journal of Cardiology</i> , <b>1998</b> , 81, 33G-35G	3	15
17	Tissue-type plasminogen activator therapy versus primary coronary angioplasty: impact on myocardial tissue perfusion and regional function 1 month after uncomplicated myocardial infarction. <i>Journal of the American College of Cardiology</i> , <b>1998</b> , 31, 338-43	15.1	32
16	Role of the central endogenous opiate system in patients with syndrome X. <i>American Heart Journal</i> , <b>1998</b> , 136, 1003-9	4.9	5
15	Combined use of dobutamine echocardiography and myocardial contrast echocardiography in predicting regional dysfunction recovery after coronary revascularization in patients with recent myocardial infarction. <i>European Heart Journal</i> , <b>1997</b> , 18, 771-9	9.5	67
14	Clinical and prognostic usefulness of supine bicycle exercise echocardiography in the functional evaluation of patients undergoing elective percutaneous transluminal coronary angioplasty. <i>Circulation</i> , <b>1997</b> , 95, 1176-84	16.7	23
13	Stress echocardiography: comparison of exercise, dipyridamole and dobutamine in detecting and predicting the extent of coronary artery disease. <i>Journal of the American College of Cardiology</i> , <b>1995</b> , 26, 18-25	15.1	133
12	Influence of residual perfusion within the infarct zone on the natural history of left ventricular dysfunction after acute myocardial infarction: a myocardial contrast echocardiographic study. <i>Journal of the American College of Cardiology</i> , <b>1994</b> , 24, 336-42	15.1	88

11	Myocardial contrast enhancement after intravenous injection of sonicated albumin microbubbles: a transesophageal echocardiography dipyridamole study. <i>Journal of the American Society of Echocardiography</i> , <b>1994</b> , 7, 337-46	5.8	21
10	Dipyridamole myocardial contrast echocardiography in patients with single-vessel coronary artery disease: perfusion, anatomic, and functional correlates. <i>American Heart Journal</i> , <b>1994</b> , 128, 28-35	4.9	16
9	Identification of viable myocardium in patients with chronic coronary artery disease and left ventricular dysfunction: role of magnetic resonance imaging. <i>American Heart Journal</i> , <b>1994</b> , 128, 484-9	4.9	26
8	Influence of reperfusion induced by thrombolytic treatment on natural history of left ventricular regional wall motion abnormality in acute myocardial infarction. <i>American Journal of Cardiology</i> , <b>1993</b> , 71, 1015-20	3	18
7	Transesophageal dipyridamole echocardiography for diagnosis of coronary artery disease. <i>Journal of the American College of Cardiology</i> , <b>1992</b> , 19, 765-70	15.1	55
6	Endogenous opioid system modulation in anginal pain: demonstration of its central activity. <i>American Heart Journal</i> , <b>1992</b> , 124, 589-95	4.9	4
5	Safety of intravenous high-dose dipyridamole echocardiography. The Echo-Persantine International Cooperative Study Group. <i>American Journal of Cardiology</i> , <b>1992</b> , 70, 252-8	3	139
4	Assessment of severity of coronary narrowings by quantitative exercise echocardiography and comparison with quantitative arteriography. <i>American Journal of Cardiology</i> , <b>1991</b> , 67, 1201-7	3	38
3	Usefulness of the dipyridamole-Doppler test for diagnosis of coronary artery disease. <i>American Journal of Cardiology</i> , <b>1990</b> , 65, 829-34	3	28
2	Painless versus painful myocardial ischemia: different left ventricular dysfunction detected by echocardiography. <i>International Journal of Cardiology</i> , <b>1989</b> , 22, 321-7	3.2	6
1	Left ventricular filling pattern in hypertensive patients after reversal of myocardial hypertrophy. <i>International Journal of Cardiology</i> , <b>1987</b> , 17, 177-85	3.2	7