

Gianluca Iacobellis

List of Publications by Citations

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117 papers	7,906 citations	41 h-index	88 g-index
131 ext. papers	9,015 ext. citations	4.2 avg, IF	6.86 L-index

#	Paper	IF	Citations
117	Epicardial adipose tissue: anatomic, biomolecular and clinical relationships with the heart. <i>Nature Clinical Practice Cardiovascular Medicine</i> , 2005 , 2, 536-43		638
116	Echocardiographic epicardial adipose tissue is related to anthropometric and clinical parameters of metabolic syndrome: a new indicator of cardiovascular risk. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 5163-8	5.6	629
115	Epicardial fat from echocardiography: a new method for visceral adipose tissue prediction. <i>Obesity</i> , 2003 , 11, 304-10		499
114	Echocardiographic epicardial fat: a review of research and clinical applications. <i>Journal of the American Society of Echocardiography</i> , 2009 , 22, 1311-9; quiz 1417-8	5.8	440
113	Epicardial adipose tissue: emerging physiological, pathophysiological and clinical features. <i>Trends in Endocrinology and Metabolism</i> , 2011 , 22, 450-7	8.8	321
112	Adiponectin expression in human epicardial adipose tissue in vivo is lower in patients with coronary artery disease. <i>Cytokine</i> , 2005 , 29, 251-5	4	307
111	Local and systemic effects of the multifaceted epicardial adipose tissue depot. <i>Nature Reviews Endocrinology</i> , 2015 , 11, 363-71	15.2	300
110	Epicardial adipose tissue and insulin resistance in obese subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 6300-2	5.6	268
109	Exercise training can modify the natural history of diabetic peripheral neuropathy. <i>Journal of Diabetes and Its Complications</i> , 2006 , 20, 216-23	3.2	254
108	Relation between epicardial adipose tissue and left ventricular mass. <i>American Journal of Cardiology</i> , 2004 , 94, 1084-7	3	235
107	COVID-19 and diabetes: Can DPP4 inhibition play a role?. <i>Diabetes Research and Clinical Practice</i> , 2020 , 162, 108125	7.4	200
106	Relationship of thyroid function with body mass index, leptin, insulin sensitivity and adiponectin in euthyroid obese women. <i>Clinical Endocrinology</i> , 2005 , 62, 487-91	3.4	180
105	Threshold values of high-risk echocardiographic epicardial fat thickness. <i>Obesity</i> , 2008 , 16, 887-92	8	178
104	Substantial changes in epicardial fat thickness after weight loss in severely obese subjects. <i>Obesity</i> , 2008 , 16, 1693-7	8	162
103	Influence of excess fat on cardiac morphology and function: study in uncomplicated obesity. <i>Obesity</i> , 2002 , 10, 767-73		157
102	Relationship of epicardial adipose tissue with atrial dimensions and diastolic function in morbidly obese subjects. <i>International Journal of Cardiology</i> , 2007 , 115, 272-3	3.2	156
101	Different plasma ghrelin levels after laparoscopic gastric bypass and adjustable gastric banding in morbid obese subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 4227-31	5.6	137

100	Epicardial and pericardial fat: close, but very different. <i>Obesity</i> , 2009 , 17, 625; author reply 626-7	8	124
99	Epicardial fat: from the biomolecular aspects to the clinical practice. <i>International Journal of Biochemistry and Cell Biology</i> , 2011 , 43, 1651-4	5.6	117
98	Meta-analysis of the relation of echocardiographic epicardial adipose tissue thickness and the metabolic syndrome. <i>American Journal of Cardiology</i> , 2013 , 111, 73-8	3	111
97	Epicardial adipose tissue as new cardio-metabolic risk marker and potential therapeutic target in the metabolic syndrome. <i>Current Pharmaceutical Design</i> , 2007 , 13, 2180-4	3.3	108
96	Relation of echocardiographic epicardial fat thickness and myocardial fat. <i>American Journal of Cardiology</i> , 2010 , 105, 1831-5	3	100
95	Prevalence of uncomplicated obesity in an Italian obese population. <i>Obesity</i> , 2005 , 13, 1116-22		100
94	Liraglutide causes large and rapid epicardial fat reduction. <i>Obesity</i> , 2017 , 25, 311-316	8	99
93	Epicardial fat thickness and coronary artery disease correlate independently of obesity. <i>International Journal of Cardiology</i> , 2011 , 146, 452-4	3.2	96
92	Targeting the Adipose Tissue in COVID-19. <i>Obesity</i> , 2020 , 28, 1178-1179	8	87
91	Relation of subepicardial adipose tissue to carotid intima-media thickness in patients with human immunodeficiency virus. <i>American Journal of Cardiology</i> , 2007 , 99, 1470-2	3	83
90	Relationship of epicardial fat thickness and fasting glucose. <i>International Journal of Cardiology</i> , 2008 , 128, 424-6	3.2	79
89	Admission hyperglycemia and radiological findings of SARS-CoV2 in patients with and without diabetes. <i>Diabetes Research and Clinical Practice</i> , 2020 , 164, 108185	7.4	75
88	Adipokines and cardiometabolic profile in primary hyperaldosteronism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 2391-8	5.6	74
87	Do cardiac and perivascular adipose tissue play a role in atherosclerosis?. <i>Current Diabetes Reports</i> , 2008 , 8, 20-4	5.6	66
86	Epicardial adipose tissue has a unique transcriptome modified in severe coronary artery disease. <i>Obesity</i> , 2015 , 23, 1267-78	8	62
85	Adapted changes in left ventricular structure and function in severe uncomplicated obesity. <i>Obesity</i> , 2004 , 12, 1616-21		58
84	Epicardial fat: a new cardiovascular therapeutic target. <i>Current Opinion in Pharmacology</i> , 2016 , 27, 13-8	5.1	57
83	Epicardial fat thickness and nonalcoholic fatty liver disease in obese subjects. <i>Obesity</i> , 2014 , 22, 332-6	8	56

82	Effect of sitagliptin on epicardial fat thickness in subjects with type 2 diabetes and obesity: a pilot study. <i>Endocrine</i> , 2016 , 51, 448-55	4	55
81	Relationship of insulin sensitivity and left ventricular mass in uncomplicated obesity. <i>Obesity</i> , 2003 , 11, 518-24		55
80	Epicardial Adipose Tissue: Clinical Biomarker of Cardio-Metabolic Risk. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	53
79	Epicardial adipose tissue in endocrine and metabolic diseases. <i>Endocrine</i> , 2014 , 46, 8-15	4	51
78	Epicardial adipose tissue is related to carotid intima-media thickness and visceral adiposity in HIV-infected patients with highly active antiretroviral therapy-associated metabolic syndrome. <i>Current HIV Research</i> , 2007 , 5, 275-9	1.3	47
77	Relation of epicardial fat and alanine aminotransferase in subjects with increased visceral fat. <i>Obesity</i> , 2008 , 16, 179-83	8	43
76	Non-alcoholic fatty liver disease in the metabolic syndrome. <i>Current Pharmaceutical Design</i> , 2007 , 13, 2193-8	3.3	41
75	Human Epicardial Fat Expresses Glucagon-Like Peptide 1 and 2 Receptors Genes. <i>Hormone and Metabolic Research</i> , 2017 , 49, 625-630	3.1	40
74	Increased epicardial fat and plasma leptin in type 1 diabetes independently of obesity. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2014 , 24, 725-9	4.5	38
73	Does epicardial fat contribute to COVID-19 myocardial inflammation?. <i>European Heart Journal</i> , 2020 , 41, 2333	9.5	36
72	Comparison of epicardial and pericardial fat thickness assessed by echocardiography in African American and non-Hispanic White men: a pilot study. <i>Ethnicity and Disease</i> , 2008 , 18, 311-6	1.8	33
71	Epicardial fat thickness correlates with carotid intima-media thickness, arterial stiffness, and cardiac geometry in children and adolescents. <i>Pediatric Cardiology</i> , 2014 , 35, 450-6	2.1	32
70	Relation of epicardial fat thickness to right ventricular cavity size in obese subjects. <i>American Journal of Cardiology</i> , 2009 , 104, 1601-2	3	32
69	Epicardial adipose tissue feeding and overfeeding the heart. <i>Nutrition</i> , 2019 , 59, 1-6	4.8	31
68	Novel atherogenic pathways from the differential transcriptome analysis of diabetic epicardial adipose tissue. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2017 , 27, 739-750	4.5	29
67	Adipose tissue and adrenal glands: novel pathophysiological mechanisms and clinical applications. <i>International Journal of Endocrinology</i> , 2014 , 2014, 614074	2.7	29
66	Acute insulin infusion decreases plasma ghrelin levels in uncomplicated obesity. <i>Regulatory Peptides</i> , 2004 , 122, 179-83		28
65	Prevalence of cancer in Italian obese patients referred for bariatric surgery. <i>Obesity Surgery</i> , 2005 , 15, 1171-6	3.7	28

64	Epicardial fat thickness and left ventricular mass in subjects with adrenal incidentaloma. <i>Endocrine</i> , 2013 , 44, 532-6	4	27
63	Epicardial Fat Inflammation in Severe COVID-19. <i>Obesity</i> , 2020 , 28, 2260-2262	8	27
62	Epicardial adipose tissue GLP-1 receptor is associated with genes involved in fatty acid oxidation and white-to-brown fat differentiation: A target to modulate cardiovascular risk?. <i>International Journal of Cardiology</i> , 2019 , 292, 218-224	3.2	26
61	Usefulness of QRS voltage correction by body mass index to improve electrocardiographic detection of left ventricular hypertrophy in patients with systemic hypertension. <i>American Journal of Cardiology</i> , 2014 , 114, 427-32	3	26
60	Leptin and adiponectin mRNA expression from the adipose tissue surrounding the adrenal neoplasia. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, E101-4	5.6	24
59	COVID-19 Rise in Younger Adults with Obesity: Visceral Adiposity Can Predict the Risk. <i>Obesity</i> , 2020 , 28, 1795	8	23
58	Images in cardiology: Massive epicardial adipose tissue indicating severe visceral obesity. <i>Clinical Cardiology</i> , 2003 , 26, 237	3.3	23
57	Effects of Semaglutide Versus Dulaglutide on Epicardial Fat Thickness in Subjects with Type 2 Diabetes and Obesity. <i>Journal of the Endocrine Society</i> , 2020 , 4, bvz042	0.4	22
56	Effects of Dapagliflozin on Epicardial Fat Thickness in Patients with Type 2 Diabetes and Obesity. <i>Obesity</i> , 2020 , 28, 1068-1074	8	20
55	Brown fat expresses adiponectin in humans. <i>International Journal of Endocrinology</i> , 2013 , 2013, 126751	2.7	20
54	Is obesity a risk factor for atrial fibrillation?. <i>Nature Clinical Practice Cardiovascular Medicine</i> , 2005 , 2, 134-5		20
53	Aminotransferase activity in morbid and uncomplicated obesity: predictive role of fasting insulin. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2007 , 17, 442-7	4.5	19
52	Association of beta2 adrenergic receptor polymorphisms and related haplotypes with triglyceride and LDL-cholesterol levels. <i>European Journal of Human Genetics</i> , 2006 , 14, 94-100	5.3	19
51	Epicardial adipose tissue: More than a simple fat deposit?. <i>Endocrinología Y Nutrición (English Edition)</i> , 2013 , 60, 320-328		18
50	Epicardial fat thickness as cardiovascular risk factor and therapeutic target in patients with rheumatoid arthritis treated with biological and nonbiological therapies. <i>Arthritis</i> , 2014 , 2014, 782850		16
49	Epicardial fat thickness correlates with ApoB/ApoA1 ratio, coronary calcium and carotid intima media thickness in asymptomatic subjects. <i>International Journal of Cardiology</i> , 2011 , 151, 234-6	3.2	16
48	Combined treatment with tranexamic acid and oral contraceptive pill causes coronary ulcerated plaque and acute myocardial infarction. <i>Cardiovascular Drugs and Therapy</i> , 2004 , 18, 239-40	3.9	14
47	Epicardial adipose tissue in contemporary cardiology.. <i>Nature Reviews Cardiology</i> , 2022 ,	14.8	12

46	Predictors of short-term diabetes remission after laparoscopic Roux-en-Y gastric bypass. <i>Obesity Surgery</i> , 2015 , 25, 782-7	3.7	11
45	Association between endothelial dysfunction, epicardial fat and subclinical atherosclerosis during menopause. <i>Clinica E Investigaci3n En Arteriosclerosis</i> , 2018 , 30, 21-27	1.4	11
44	Epicardial adipose tissue and its association to plasma adrenomedullin levels in patients with metabolic syndrome. <i>Endocrinolog3a Y Nutrici3n (English Edition)</i> , 2011 , 58, 401-408		10
43	Emergency department equipment for obese patients: perceptions of adequacy. <i>Journal of Advanced Nursing</i> , 2007 , 59, 140-5	3.1	9
42	Cut-off point of epicardial adipose tissue thickness for predicting metabolic syndrome in Venezuelan population. <i>Endocrinolog3a Y Nutrici3n (English Edition)</i> , 2013 , 60, 570-576		8
41	Cardiomyocyte apoptosis in cocaine-induced myocarditis with involvement of bundle of His and left bundle branch. <i>International Journal of Cardiology</i> , 2006 , 112, 116-8	3.2	8
40	Intracoronary adiponectin levels rapidly and significantly increase after coronary revascularization. <i>International Journal of Cardiology</i> , 2010 , 144, 160-3	3.2	7
39	Effect of acute hyperinsulinemia on ventricular repolarization in uncomplicated obesity. <i>International Journal of Cardiology</i> , 2005 , 99, 161-3	3.2	7
38	Antibody responses to BNT162b2 mRNA vaccine: infection-na3ve individuals with abdominal obesity warrant attention. <i>Obesity</i> , 2021 ,	8	7
37	Normal serum alanine aminotransferase activity in uncomplicated obesity. <i>World Journal of Gastroenterology</i> , 2005 , 11, 6018-21	5.6	7
36	Adiposity of the heart. <i>Annals of Internal Medicine</i> , 2006 , 145, 554-5; author reply 555	8	7
35	Relationship between the Finnish Diabetes Risk Score (FINDRISC), vitamin D levels, and insulin resistance in obese subjects. <i>Primary Care Diabetes</i> , 2017 , 11, 94-100	2.4	6
34	Small, dense low-density lipoprotein and C-reactive protein in obese subjects with and without other criteria for the metabolic syndrome. <i>Journal of Clinical Lipidology</i> , 2007 , 1, 599-604	4.9	5
33	High circulating vascular endothelial growth factor (VEGF) is related to a better systolic function in diabetic hypertensive patients. <i>Cytokine</i> , 2004 , 27, 25-30	4	5
32	Epicardial Fat: A New Therapeutic Target in Psoriasis. <i>Current Pharmaceutical Design</i> , 2019 , 25, 4914-4918.	3.3	5
31	Cardiac Adiposity and Cardiovascular Risk: Potential Role of Epicardial Adipose Tissue. <i>Current Cardiology Reviews</i> , 2007 , 3, 11-14	2.4	4
30	Epicardial fat inflammation response to COVID-19 therapies. <i>Obesity</i> , 2021 , 29, 1427-1433	8	4
29	Epicardial Fat Thickness in Non-Obese Neurologically Impaired Children: Association with Unfavorable Cardiometabolic Risk Profile. <i>Annals of Nutrition and Metabolism</i> , 2018 , 72, 96-103	4.5	3

28	Epicardial Fat Thickness in Patients with Autosomal Dominant Polycystic Kidney Disease. <i>CardioRenal Medicine</i> , 2018 , 8, 199-207	2.8	3
27	Cardioprotective Heme Oxygenase-1-PGC1 α Signaling in Epicardial Fat Attenuates Cardiovascular Risk in Humans as in Obese Mice. <i>Obesity</i> , 2019 , 27, 1560-1561	8	3
26	Coronary Artery Disease and Epicardial Adipose Tissue. <i>Contemporary Cardiology</i> , 2020 , 77-90	0.1	3
25	Liraglutide hospital discharge trial: A randomized controlled trial comparing the safety and efficacy of liraglutide versus insulin glargine for the management of patients with type 2 diabetes after hospital discharge. <i>Diabetes, Obesity and Metabolism</i> , 2021 , 23, 1351-1360	6.7	3
24	Epicardial adipose tissue thickness and type 2 diabetes risk according to the FINDRISC modified for Latin America. <i>Clínica E Investigación En Arteriosclerosis</i> , 2019 , 31, 15-22	1.4	3
23	Abdominal obesity phenotype is associated with COVID-19 chest X-ray severity score better than BMI-based obesity. <i>Eating and Weight Disorders</i> , 2021 , 1	3.6	2
22	Tri-Ponderal Mass Index vs body Mass Index in discriminating central obesity and hypertension in adolescents with overweight. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021 , 31, 1613-1621	4.5	2
21	Physiology and Cardioprotection of the Epicardial Adipose Tissue. <i>Contemporary Cardiology</i> , 2020 , 9-17	0.1	1
20	Letter to the Editor: "GLP-1 Receptor Expression Within the Human Heart". <i>Endocrinology</i> , 2018 , 159, 1964-1965	4.8	1
19	Disease of adrenal glands. <i>International Journal of Endocrinology</i> , 2015 , 2015, 403521	2.7	1
18	GLP-1 Receptor Is Associated with Genes Involved in Fatty Acids Oxidation and White-to-Brown Fat Differentiation in Epicardial Adipose Tissue (EAT). <i>FASEB Journal</i> , 2019 , 33, 662.21	0.9	1
17	Pathology and Cardiotoxicity of the Epicardial Adipose Tissue. <i>Contemporary Cardiology</i> , 2020 , 37-47	0.1	1
16	Epicardial Fat Thickness as a Biomarker in Cardiovascular Disease 2016 , 1097-1107		1
15	Effect of caloric restriction with or without physical activity on body composition and epicardial fat in type 2 diabetic patients: A pilot randomized controlled trial. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021 , 31, 921-929	4.5	1
14	Antibody responses to BNT162b2 mRNA vaccine: infection-naïve individuals with abdominal obesity warrant attention		1
13	Association between endothelial dysfunction, epicardial fat and subclinical atherosclerosis during menopause. <i>Clínica E Investigación En Arteriosclerosis (English Edition)</i> , 2018 , 30, 21-27	0.3	0
12	Sex differences in the association of vital exhaustion with regional fat deposition and subclinical cardiovascular disease risk.. <i>Journal of Psychosomatic Research</i> , 2022 , 157, 110785	4.1	0
11	Response to "Liraglutide effect on epicardial fat: Missing the forest for the trees". <i>Obesity</i> , 2017 , 25, 980	8	

- 10 Epicardial adipose tissue thickness and type 2 diabetes risk according to the FINDRISC modified for Latin America. *Clinica E Investigaci3n En Arteriosclerosis (English Edition)*, **2019**, 31, 15-22 0.3
- 9 Perivascular Fat and its Role in Vascular Disease, Insulin Resistance and Diabetes. *Current Cardiovascular Risk Reports*, **2014**, 8, 1 0.9
- 8 Cardiovascular Disease and Obesity 287-320
- 7 Editorial [Hot Topic: New Potential Pharmaceutical Targets of Metabolic Syndrome (Executive Editors: Gianluca Iacobellis and Giuseppe Barbaro)]. *Current Pharmaceutical Design*, **2007**, 13, 2146-2147 3.3
- 6 Cardiac Fat as New Diagnostic Tool and Potential Therapeutic Target for Obesity Management and Treatment. *Recent Patents on Endocrine, Metabolic & Immune Drug Discovery*, **2007**, 1, 162-165
- 5 Inadequacy of therapeutic education: a risk factor of hypoglycaemia. *Diabetes Research and Clinical Practice*, **2003**, 62, 61-2 7.4
- 4 Targeting Epicardial Fat in Obesity and Diabetes Pharmacotherapy.. *Handbook of Experimental Pharmacology*, **2022**, 1 3.2
- 3 Cardiometabolic Risk and Epicardial Adipose Tissue. *Contemporary Cardiology*, **2020**, 155-165 0.1
- 2 Targeting the Epicardial Adipose Tissue. *Contemporary Cardiology*, **2020**, 173-187 0.1
- 1 Epicardial Fat Thickness as a Biomarker in Cardiovascular Disease **2015**, 1-11