Gianluca Iacobellis

List of Publications by Year
in descending order

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126 papers	10,269 citations	47 h-index	99 g-index
		47006	33894
131 all docs	131 docs citations	131 times ranked	8022 citing authors

#	Article	IF	Citations
1	Epicardial adipose tissue: anatomic, biomolecular and clinical relationships with the heart. Nature Clinical Practice Cardiovascular Medicine, 2005, 2, 536-543.	3.3	815
2	Echocardiographic Epicardial Adipose Tissue Is Related to Anthropometric and Clinical Parameters of Metabolic Syndrome: A New Indicator of Cardiovascular Risk. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 5163-5168.	3.6	733
3	Epicardial Fat from Echocardiography: A New Method for Visceral Adipose Tissue Prediction. Obesity, 2003, 11, 304-310.	4.0	626
4	Echocardiographic Epicardial Fat: A Review of Research and Clinical Applications. Journal of the American Society of Echocardiography, 2009, 22, 1311-1319.	2.8	535
5	Local and systemic effects of the multifaceted epicardial adipose tissue depot. Nature Reviews Endocrinology, 2015, 11, 363-371.	9.6	443
6	Epicardial adipose tissue: emerging physiological, pathophysiological and clinical features. Trends in Endocrinology and Metabolism, 2011, 22, 450-457.	7.1	426
7	Adiponectin expression in human epicardial adipose tissue in vivo is lower in patients with coronary artery disease. Cytokine, 2005, 29, 251-5.	3.2	358
8	Exercise training can modify the natural history of diabetic peripheral neuropathy. Journal of Diabetes and Its Complications, 2006, 20, 216-223.	2.3	330
9	Epicardial Adipose Tissue and Insulin Resistance in Obese Subjects. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 6300-6302.	3.6	315
10	Relation between epicardial adipose tissue and left ventricular mass. American Journal of Cardiology, 2004, 94, 1084-1087.	1.6	278
11	COVID-19 and diabetes: Can DPP4 inhibition play a role?. Diabetes Research and Clinical Practice, 2020, 162, 108125.	2.8	261
12	Threshold Values of Highâ€risk Echocardiographic Epicardial Fat Thickness. Obesity, 2008, 16, 887-892.	3.0	223
13	Relationship of thyroid function with body mass index, leptin, insulin sensitivity and adiponectin in euthyroid obese women. Clinical Endocrinology, 2005, 62, 487-491.	2.4	218
14	Substantial Changes in Epicardial Fat Thickness After Weight Loss in Severely Obese Subjects. Obesity, 2008, 16, 1693-1697.	3.0	199
15	Relationship of epicardial adipose tissue with atrial dimensions and diastolic function in morbidly obese subjects. International Journal of Cardiology, 2007, 115, 272-273.	1.7	195
16	Influence of Excess Fat on Cardiac Morphology and Function: Study in Uncomplicated Obesity. Obesity, 2002, 10, 767-773.	4.0	193
17	Epicardial adipose tissue in contemporary cardiology. Nature Reviews Cardiology, 2022, 19, 593-606.	13.7	160
18	Epicardial and Pericardial Fat: Close, but Very Different. Obesity, 2009, 17, 625-625.	3.0	156

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19	Different Plasma Ghrelin Levels after Laparoscopic Gastric Bypass and Adjustable Gastric Banding in Morbid Obese Subjects. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 4227-4231.	3.6	155
20	Liraglutide causes large and rapid epicardial fat reduction. Obesity, 2017, 25, 311-316.	3.0	154
21	Epicardial fat: From the biomolecular aspects to the clinical practice. International Journal of Biochemistry and Cell Biology, 2011, 43, 1651-1654.	2.8	148
22	Meta-Analysis of the Relation of Echocardiographic Epicardial Adipose Tissue Thickness and the Metabolic Syndrome. American Journal of Cardiology, 2013, 111, 73-78.	1.6	135
23	Relation of Echocardiographic Epicardial Fat Thickness and Myocardial Fat. American Journal of Cardiology, 2010, 105, 1831-1835.	1.6	124
24	Epicardial Adipose Tissue As New Cardio-Metabolic Risk Marker and Potential Therapeutic Target in the Metabolic Syndrome. Current Pharmaceutical Design, 2007, 13, 2180-2184.	1.9	122
25	Prevalence of Uncomplicated Obesity in an Italian Obese Population. Obesity, 2005, 13, 1116-1122.	4.0	121
26	Targeting the Adipose Tissue in COVIDâ€19. Obesity, 2020, 28, 1178-1179.	3.0	115
27	Epicardial Adipose Tissue: Clinical Biomarker of Cardio-Metabolic Risk. International Journal of Molecular Sciences, 2019, 20, 5989.	4.1	108
28	Epicardial fat thickness and coronary artery disease correlate independently of obesity. International Journal of Cardiology, 2011, 146, 452-454.	1.7	101
29	Admission hyperglycemia and radiological findings of SARS-CoV2 in patients with and without diabetes. Diabetes Research and Clinical Practice, 2020, 164, 108185.	2.8	100
30	Relation of Subepicardial Adipose Tissue to Carotid Intima-Media Thickness in Patients With Human Immunodeficiency Virus. American Journal of Cardiology, 2007, 99, 1470-1472.	1.6	93
31	Relationship of epicardial fat thickness and fasting glucose. International Journal of Cardiology, 2008, 128, 424-426.	1.7	93
32	Adipokines and Cardiometabolic Profile in Primary Hyperaldosteronism. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 2391-2398.	3.6	86
33	Epicardial adipose tissue has a unique transcriptome modified in severe coronary artery disease. Obesity, 2015, 23, 1267-1278.	3.0	86
34	Adapted Changes in Left Ventricular Structure and Function in Severe Uncomplicated Obesity. Obesity, 2004, 12, 1616-1621.	4.0	76
35	Do cardiac and perivascular adipose tissue play a role in atherosclerosis?. Current Diabetes Reports, 2008, 8, 20-24.	4.2	75
36	Effect of sitagliptin on epicardial fat thickness in subjects with type 2 diabetes and obesity: a pilot study. Endocrine, 2016, 51, 448-455.	2.3	75

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37	Epicardial fat: a new cardiovascular therapeutic target. Current Opinion in Pharmacology, 2016, 27, 13-18.	3.5	72
38	Epicardial fat thickness and nonalcoholic fatty liver disease in obese subjects. Obesity, 2014, 22, 332-336.	3.0	69
39	Relationship of Insulin Sensitivity and Left Ventricular Mass in Uncomplicated Obesity. Obesity, 2003, 11, 518-524.	4.0	68
40	Human Epicardial Fat Expresses Glucagon-Like Peptide 1 and 2 Receptors Genes. Hormone and Metabolic Research, 2017, 49, 625-630.	1.5	65
41	Epicardial adipose tissue in endocrine and metabolic diseases. Endocrine, 2014, 46, 8-15.	2.3	64
42	Effects of Semaglutide Versus Dulaglutide on Epicardial Fat Thickness in Subjects with Type 2 Diabetes and Obesity. Journal of the Endocrine Society, 2020, 4, bvz042.	0.2	61
43	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?. International Journal of Cardiology, 2019, 292, 218-224.	1.7	55
44	Does epicardial fat contribute to COVID-19 myocardial inflammation?. European Heart Journal, 2020, 41, 2333-2333.	2.2	55
45	Effects of Dapagliflozin on Epicardial Fat Thickness in Patients with Type 2 Diabetes and Obesity. Obesity, 2020, 28, 1068-1074.	3.0	55
46	Epicardial adipose tissue feeding and overfeeding the heart. Nutrition, 2019, 59, 1-6.	2.4	52
47	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. Current HIV Research, 2007, 5, 275-279.	0.5	51
48	Relation of Epicardial Fat and Alanine Aminotransferase in Subjects With Increased Visceral Fat. Obesity, 2008, 16, 179-183.	3.0	51
49	Non-Alcoholic Fatty Liver Disease in the Metabolic Syndrome. Current Pharmaceutical Design, 2007, 13, 2193-2198.	1.9	43
50	Novel atherogenic pathways from the differential transcriptome analysis of diabetic epicardial adipose tissue. Nutrition, Metabolism and Cardiovascular Diseases, 2017, 27, 739-750.	2.6	43
51	Increased epicardial fat and plasma leptin in type 1 diabetes independently of obesity. Nutrition, Metabolism and Cardiovascular Diseases, 2014, 24, 725-729.	2.6	42
52	Epicardial Fat Inflammation in Severe COVIDâ€19. Obesity, 2020, 28, 2260-2262.	3.0	42
53	Epicardial Fat Thickness Correlates With Carotid Intima-Media Thickness, Arterial Stiffness, and Cardiac Geometry in Children and Adolescents. Pediatric Cardiology, 2014, 35, 450-456.	1.3	40
54	Relation of Epicardial Fat Thickness to Right Ventricular Cavity Size in Obese Subjects. American Journal of Cardiology, 2009, 104, 1601-1602.	1.6	38

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55	Adipose Tissue and Adrenal Glands: Novel Pathophysiological Mechanisms and Clinical Applications. International Journal of Endocrinology, 2014, 2014, 1-8.	1.5	37
56	Epicardial fat thickness and left ventricular mass in subjects with adrenal incidentaloma. Endocrine, 2013, 44, 532-536.	2.3	36
57	Comparison of epicardial and pericardial fat thickness assessed by echocardiography in African American and non-Hispanic White men: a pilot study. Ethnicity and Disease, 2008, 18, 311-6.	2.3	35
58	Prevalence of Cancer in Italian Obese Patients Referred for Bariatric Surgery. Obesity Surgery, 2005, 15, 1171-1176.	2.1	33
59	Acute insulin infusion decreases plasma ghrelin levels in uncomplicated obesity. Regulatory Peptides, 2004, 122, 179-183.	1.9	31
60	Leptin and Adiponectin mRNA Expression From the Adipose Tissue Surrounding the Adrenal Neoplasia. Journal of Clinical Endocrinology and Metabolism, 2015, 100, E101-E104.	3.6	30
61	Brown Fat Expresses Adiponectin in Humans. International Journal of Endocrinology, 2013, 2013, 1-6.	1.5	29
62	Epicardial Fat Thickness as Cardiovascular Risk Factor and Therapeutic Target in Patients with Rheumatoid Arthritis Treated with Biological and Nonbiological Therapies. Arthritis, 2014, 2014, 1-7.	2.0	29
63	COVIDâ€19 Rise in Younger Adults with Obesity: Visceral Adiposity Can Predict the Risk. Obesity, 2020, 28, 1795-1795.	3.0	29
64	Massive epicardial adipose tissue indicating severe visceral obesity. Clinical Cardiology, 2003, 26, 237-237.	1.8	28
65	Usefulness of QRS Voltage Correction by Body Mass Index to Improve Electrocardiographic Detection of Left Ventricular Hypertrophy in Patients With Systemic Hypertension. American Journal of Cardiology, 2014, 114, 427-432.	1.6	28
66	Antibody responses to BNT162b2 mRNA vaccine: Infectionâ€naÃ¯ve individuals with abdominal obesity warrant attention. Obesity, 2022, 30, 606-613.	3.0	28
67	Epicardial adipose tissue: More than a simple fat deposit?. EndocrinologÃa Y NutriciÃ³n (English) Tj ETQq1 1 0.784314 rgBT /Overlock	0.5	27
68	Aging Effects on Epicardial Adipose Tissue. Frontiers in Aging, 2021, 2, .	2.6	24
69	Association of Î²2 adrenergic receptor polymorphisms and related haplotypes with triglyceride and LDL-cholesterol levels. European Journal of Human Genetics, 2006, 14, 94-100.	2.8	23
70	Is epicardial fat attenuation a novel marker of coronary inflammation?. Atherosclerosis, 2019, 284, 212-213.	0.8	23
71	Is obesity a risk factor for atrial fibrillation?. Nature Clinical Practice Cardiovascular Medicine, 2005, 2, 134-135.	3.3	21
72	Aminotransferase activity in morbid and uncomplicated obesity: Predictive role of fasting insulin. Nutrition, Metabolism and Cardiovascular Diseases, 2007, 17, 442-447.	2.6	20

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73	Combined Treatment with Tranexamic Acid and Oral Contraceptive Pill Causes Coronary Ulcerated Plaque and Acute Myocardial Infarction. Cardiovascular Drugs and Therapy, 2004, 18, 239-240.	2.6	19
74	Cut-off point of epicardial adipose tissue thickness for predicting metabolic syndrome in Venezuelan population. EndocrinologÃa Y NutriciÃ³n (English Edition), 2013, 60, 570-576.	0.5	19
75	Adiposity of the Heart. Annals of Internal Medicine, 2006, 145, 554.	3.9	18
76	Epicardial fat thickness correlates with ApoB/ApoA1 ratio, coronary calcium and carotid intima media thickness in asymptomatic subjects. International Journal of Cardiology, 2011, 151, 234-236.	1.7	17
77	Association between endothelial dysfunction, epicardial fat and subclinical atherosclerosis during menopause. ClÃnica E InvestigaciÃ³n En Arteriosclerosis, 2018, 30, 21-27.	0.8	15
78	Epicardial adipose tissue and its association to plasma adrenomedullin levels in patients with metabolic syndrome. EndocrinologÃa Y NutriciÃ³n (English Edition), 2011, 58, 401-408.	0.5	14
79	Cardiomyocyte apoptosis in cocaine-induced myocarditis with involvement of bundle of His and left bundle branch. International Journal of Cardiology, 2006, 112, 116-118.	1.7	13
80	Predictors of Short-Term Diabetes Remission After Laparoscopic Roux-en-Y Gastric Bypass. Obesity Surgery, 2015, 25, 782-787.	2.1	13
81	Epicardial fat inflammation response to COVIDâ€19 therapies. Obesity, 2021, 29, 1427-1433.	3.0	13
82	Tri-Ponderal Mass Index vs body Mass Index in discriminating central obesity and hypertension in adolescents with overweight. Nutrition, Metabolism and Cardiovascular Diseases, 2021, 31, 1613-1621.	2.6	12
83	Emergency department equipment for obese patients: perceptions of adequacy. Journal of Advanced Nursing, 2007, 59, 140-145.	3.3	11
84	Echocardiographic epicardial fat: A new tool in the white coat pocket. Nutrition, Metabolism and Cardiovascular Diseases, 2008, 18, 519-522.	2.6	10
85	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. Diabetes, Obesity and Metabolism, 2021, 23, 1351-1360.	4.4	10
86	Abdominal obesity phenotype is associated with COVID-19 chest X-ray severity score better than BMI-based obesity. Eating and Weight Disorders, 2022, 27, 345-359.	2.5	10
87	Intracoronary adiponectin levels rapidly and significantly increase after coronary revascularization. International Journal of Cardiology, 2010, 144, 160-163.	1.7	9
88	High circulating vascular endothelial growth factor (VEGF) is related to a better systolic function in diabetic hypertensive patients. Cytokine, 2004, 27, 25-30.	3.2	8
89	Relationship between the Finnish Diabetes Risk Score (FINDRISC), vitamin D levels, and insulin resistance in obese subjects. Primary Care Diabetes, 2017, 11, 94-100.	1.8	8
90	Effect of acute hyperinsulinemia on ventricular repolarization in uncomplicated obesity. International Journal of Cardiology, 2005, 99, 161-163.	1.7	7

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91	Epicardial Fat Thickness in Patients with Autosomal Dominant Polycystic Kidney Disease. CardioRenal Medicine, 2018, 8, 199-207.	1.9	7
92	Cardioprotective Heme OxygenaseÂ1â€PGC1Î± Signaling in Epicardial Fat Attenuates Cardiovascular Risk in Humans as in Obese Mice. Obesity, 2019, 27, 1560-1561.	3.0	7
93	Normal serum alanine aminotransferase activity in uncomplicated obesity. World Journal of Gastroenterology, 2005, 11, 6018.	3.3	7
94	The density of crown-like structures in epicardial adipose tissue could play a role in cardiovascular diseases. Eating and Weight Disorders, 2022, 27, 2905-2910.	2.5	7
95	Cardiac Adiposity and Cardiovascular Risk: Potential Role of Epicardial Adipose Tissue. Current Cardiology Reviews, 2007, 3, 11-14.	1.5	6
96	Small, dense low-density lipoprotein and C-reactive protein in obese subjects with and without other criteria for the metabolic syndrome. Journal of Clinical Lipidology, 2007, 1, 599-604.	1.5	6
97	Epicardial Fat Thickness in Non-Obese Neurologically Impaired Children: Association with Unfavorable Cardiometabolic Risk Profile. Annals of Nutrition and Metabolism, 2018, 72, 96-103.	1.9	6
98	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. Nutrition, Metabolism and Cardiovascular Diseases, 2021, 31, 921-929.	2.6	6
99	Epicardial Fat: A New Therapeutic Target in Psoriasis. Current Pharmaceutical Design, 2020, 25, 4914-4918.	1.9	6
100	Epicardial adipose tissue thickness and type 2 diabetes risk according to the FINDRISC modified for Latin America. ClÃnica E InvestigaciÃ³n En Arteriosclerosis, 2019, 31, 15-22.	0.8	4
101	Targeting the organ-specific adiposity. Eating and Weight Disorders, 2019, 24, 1-2.	2.5	3
102	Coronary Artery Disease and Epicardial Adipose Tissue. Contemporary Cardiology, 2020, , 77-90.	0.1	3
103	Targeting Epicardial Fat in Obesity and Diabetes Pharmacotherapy. Handbook of Experimental Pharmacology, 2022, , 93-108.	1.8	3
104	Disease of Adrenal Glands. International Journal of Endocrinology, 2015, 2015, 1-2.	1.5	1
105	Epicardial Fat Thickness as a Biomarker in Cardiovascular Disease. , 2016, , 1097-1107.		1
106	Letter to the Editor: â€œGLP-1 Receptor Expression Within the Human Heartâ€• Endocrinology, 2018, 159, 1964-1965.	2.8	1
107	Association between endothelial dysfunction, epicardial fat and subclinical atherosclerosis during menopause. ClÃnica E InvestigaciÃ³n En Arteriosclerosis (English Edition), 2018, 30, 21-27.	0.2	1
108	Physiology and Cardioprotection of the Epicardial Adipose Tissue. Contemporary Cardiology, 2020, , 9-17.	0.1	1

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109	Can epicardial fat glucagon-like peptide-1 receptor open up to the cardiovascular benefits of glucagon-like peptide-1 analogues?. Polish Archives of Internal Medicine, 2021, 131, 224-225.	0.4	1
110	GLPâ€1 Receptor Is Associated with Genes Involved in Fatty Acids Oxidation and Whiteâ€toâ€Brown Fat Differentiation in Epicardial Adipose Tissue (EAT). FASEB Journal, 2019, 33, 662.21.	0.5	1
111	Pathology and Cardiotoxicity of the Epicardial Adipose Tissue. Contemporary Cardiology, 2020, , 37-47.	0.1	1
112	Targeting the Epicardial Adipose Tissue. Contemporary Cardiology, 2020, , 173-187.	0.1	1
113	Sex differences in the association of vital exhaustion with regional fat deposition and subclinical cardiovascular disease risk. Journal of Psychosomatic Research, 2022, 157, 110785.	2.6	1
114	Inadequacy of therapeutic education: a risk factor of hypoglycaemia. Diabetes Research and Clinical Practice, 2003, 62, 61-62.	2.8	0
115	Editorial [Hot Topic: New Potential Pharmaceutical Targets of Metabolic Syndrome (Executive Editors:) Tj ETQq1 1 0.784314 rgBT /Ov	1.9	0
116	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.	0.6	0
117	Hypertension in lean and obese individuals: An evenly or unevenly dangerous condition. Nutrition, Metabolism and Cardiovascular Diseases, 2007, 17, 243-246.	2.6	0
118	Cardiovascular Disease and Obesity. , 0, , 287-320.		0
119	Interplay of Inflammation, Immunity, and Organ-Specific Adiposity with Cardiovascular Risk. Mediators of Inflammation, 2014, 2014, 1-2.	3.0	0
120	Perivascular Fat and its Role in Vascular Disease, Insulin Resistance and Diabetes. Current Cardiovascular Risk Reports, 2014, 8, 1.	2.0	0
121	Response to â€œLiraglutide effect on epicardial fat: Missing the forest for the treesâ€• Obesity, 2017, 25, 980-980.	3.0	0
122	Epicardial adipose tissue thickness and type 2 diabetes risk according to the FINDRISC modified for Latin America. ClÃnica E InvestigaciÃ³n En Arteriosclerosis (English Edition), 2019, 31, 15-22.	0.2	0
123	Treating the Bone to Protect the Heart: Potential Newer Mechanisms and Targets. American Journal of the Medical Sciences, 2019, 357, 451-452.	1.1	0
124	Epicardial Fat Thickness as a Biomarker in Cardiovascular Disease. , 2015, , 1-11.		0
125	Cardiometabolic Risk and Epicardial Adipose Tissue. Contemporary Cardiology, 2020, , 155-165.	0.1	0
126	RGS4 Mediates Catecholaminergic Inhibition of Shortâ€Chain Fatty Acid Receptor FFAR3 Signaling & Function in Cardiomyocytes. FASEB Journal, 2022, 36, .	0.5	0