Association between omentin-1 expression in human epicardial adipose tissue and coronary atherosclerosis

DOI: 10.1186/s12933-016-0406-5
Cardiovascular Diabetology, 2016, 15, 90.

#	Paper	IF	Citations
80	Metabolic Vascular Syndrome: New Insights into a Multidimensional Network of Risk Factors and Diseases. *Visceral Medicine*, **2016**, 32, 319-326	2.4	9
79	Omentin-1, epicardial fat and coronary artery disease. *Atherosclerosis*, **2016**, 255, 224-225	3.1	
78	Reply to: "Omentin-1, epicardial fat and coronary artery disease". *Atherosclerosis*, **2016**, 255, 226-227	3.1	
77	Omentin treatment of epicardial fat improves its anti-inflammatory activity and paracrine benefit on smooth muscle cells. *Obesity*, **2017**, 25, 1042-1049	8	19
76	Adipose Tissue-Derived Omentin-1 Function and Regulation. *Comprehensive Physiology*, **2017**, 7, 765-781	7.7	88
75	Regulation of visceral and epicardial adipose tissue for preventing cardiovascular injuries associated to obesity and diabetes. *Cardiovascular Diabetology*, **2017**, 16, 44	8.7	98
74	Omentin Val109Asp polymorphism and risk of coronary artery disease. *Asian Cardiovascular and Thoracic Annals*, **2017**, 25, 199-203	0.6	6
73	Investigating interactions between epicardial adipose tissue and cardiac myocytes: what can we learn from different approaches?. *British Journal of Pharmacology*, **2017**, 174, 3542-3560	8.6	5
72	Joint analysis of left ventricular expression and circulating plasma levels of Omentin after myocardial ischemia. *Cardiovascular Diabetology*, **2017**, 16, 87	8.7	12
71	Mirroring the CANTOS revolution: is anti-inflammatory therapy for diabetes just around the corner?. *Cardiovascular Diabetology*, **2017**, 16, 91	8.7	8
70	Human epicardial adipose tissue-derived and circulating secreted frizzled-related protein 4 (SFRP4) levels are increased in patients with coronary artery disease. *Cardiovascular Diabetology*, **2017**, 16, 133	8.7	18
69	Human Epicardial Adipose Tissue cTGF Expression is an Independent Risk Factor for Atrial Fibrillation and Highly Associated with Atrial Fibrosis. *Scientific Reports*, **2018**, 8, 3585	4.9	25
68	Serum omentin-1 is a novel biomarker for predicting the functional outcome of acute ischemic stroke patients. *Clinical Chemistry and Laboratory Medicine*, **2018**, 56, 350-355	5.9	14
67	Correlation between coronary atherosclerosis calcification and epicardial adipose tissue volume in patients with nephropathy. *Experimental and Therapeutic Medicine*, **2018**, 16, 4669-4673	2.1	1
66	Perivascular adipose tissue (PVAT) in atherosclerosis: a double-edged sword. *Cardiovascular Diabetology*, **2018**, 17, 134	8.7	69
65	Omentin-A Novel Adipokine in Respiratory Diseases. *International Journal of Molecular Sciences*, **2017**, 19,	6.3	22
64	Association between epicardial adipose tissue, high-sensitivity C-reactive protein and myocardial dysfunction in middle-aged men with suspected metabolic syndrome. *Cardiovascular Diabetology*, **2018**, 17, 95	8.7	21

63	Serum levels of omentin-1 association with early diagnosis, lesion volume and severity of acute ischemic stroke. *Cytokine*, **2018**, 111, 518-522	4	11
62	Adipokine gene expression in adipocytes isolated from different fat depots of coronary artery disease patients. *Archives of Physiology and Biochemistry*, **2019**, 1-9	2.2	3
61	New insights into different adipokines in linking the pathophysiology of obesity and psoriasis. *Lipids in Health and Disease*, **2019**, 18, 171	4.4	34
60	Evaluation of the Association of Omentin 1 rs2274907 A>T and rs2274908 G>A Gene Polymorphisms with Coronary Artery Disease in Indian Population: A Case Control Study. *Journal of Personalized Medicine*, **2019**, 9,	3.6	12
59	Omentin und kardiometabolisches Risiko. *Diabetologe*, **2019**, 15, 305-310	0.2	
58	Time-Dependent Change in Omentin-1 Level Correlated with Early Improvement of Myocardial Function in Patients with First Anterior ST-Segment Elevation Myocardial Infarction After Primary Percutaneous Coronary Intervention. *Journal of Atherosclerosis and Thrombosis*, **2019**, 26, 856-867	4	4
57	Omentin-regulated proteins combine a pro-inflammatory phenotype with an anti-inflammatory counterregulation in human adipocytes: A proteomics analysis. *Diabetes/Metabolism Research and Reviews*, **2019**, 35, e3074	7.5	7
56	Omentin-1 attenuates lipopolysaccharide (LPS)-induced U937 macrophages activation by inhibiting the TLR4/MyD88/NF-B signaling. *Archives of Biochemistry and Biophysics*, **2020**, 679, 108187	4.1	23
55	Adipokines and Inflammation: Focus on Cardiovascular Diseases. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	19
54	Association between omentin-1 and major cardiovascular events after lower extremity endovascular revascularization in diabetic patients: a prospective cohort study. *Cardiovascular Diabetology*, **2020**, 19, 170	8.7	7
53	Adipose tissue secretory profile and cardiometabolic risk in obesity. *Endocrine and Metabolic Science*, **2020**, 1, 100061	1	0
52	Adipose Tissue Immunomodulation: A Novel Therapeutic Approach in Cardiovascular and Metabolic Diseases. *Frontiers in Cardiovascular Medicine*, **2020**, 7, 602088	5.4	21
51	Emerging functions of adipokines in linking the development of obesity and cardiovascular diseases. *Molecular Biology Reports*, **2020**, 47, 7991-8006	2.8	9
50	Relation between quantity and quality of peri-coronary epicardial adipose tissue and its underlying hemodynamically significant coronary stenosis. *BMC Cardiovascular Disorders*, **2020**, 20, 226	2.3	3
49	Omentin: a biomarker of cardiovascular risk in individuals with axial spondyloarthritis. *Scientific Reports*, **2020**, 10, 9636	4.9	6
48	Physiology and Cardioprotection of the Epicardial Adipose Tissue. *Contemporary Cardiology*, **2020**, 9-17	0.1	1
47	Altered adipocytokine profile predicts early stage of left ventricular remodeling in hypertensive patients with type 2 diabetes mellitus. *Diabetes and Metabolic Syndrome: Clinical Research and Reviews*, **2020**, 14, 109-116	8.9	5
46	Expression of Sfrp5/Wnt5a in human epicardial adipose tissue and their relationship with coronary artery disease. *Life Sciences*, **2020**, 245, 117338	6.8	8

45	Increased Release of Proinflammatory Proteins in Primary Human Adipocytes and Activation of the Inflammatory NFB, p38, and ERK Pathways upon Omentin Treatment. *Obesity Facts*, **2020**, 13, 221-236	5.1	0
44	Omentin-1 Ameliorated Free Fatty Acid-Induced Impairment in Proliferation, Migration, and Inflammatory States of HUVECs. *Cardiology Research and Practice*, **2020**, 2020, 3054379	1.9	6
43	Effects of different obesity-related adipokines on the occurrence of obstructive sleep apnea. *Endocrine Journal*, **2020**, 67, 485-500	2.9	6
42	Adipokines as novel biomarkers of cardio-metabolic disorders. *Clinica Chimica Acta*, **2020**, 507, 31-38	6.2	18
41	Apelin, Omentin-1, and Vaspin in patients with essential hypertension: association of adipokines with trace elements, inflammatory cytokines, and oxidative damage markers. *Irish Journal of Medical Science*, **2021**, 190, 97-106	1.9	6
40	FABP4 and omentin-1 gene expression in epicardial adipose tissue from coronary artery disease patients. *Genetics and Molecular Biology*, **2021**, 44, e20200441	2	0
39	Circulating adiponectin mediates the association between omentin gene polymorphism and cardiometabolic health in Asian Indians. *PLoS ONE*, **2021**, 16, e0238555	3.7	4
38	Novel insights into the pathological mechanisms of metabolic related dyslipidemia. *Molecular Biology Reports*, **2021**, 48, 5675-5687	2.8	3
37	Role of Inflammation in Vascular Disease-Related Perivascular Adipose Tissue Dysfunction. *Frontiers in Endocrinology*, **2021**, 12, 710842	5.7	4
36	Pathology of metabolically-related dyslipidemia. *Clinica Chimica Acta*, **2021**, 521, 107-115	6.2	1
35	Coronary Artery Disease and Epicardial Adipose Tissue. *Contemporary Cardiology*, **2020**, 77-90	0.1	3
34	The correlation of retinol-binding protein-4 and lipoprotein combine index with the prevalence and diagnosis of acute coronary syndrome. *Heart and Vessels*, **2020**, 35, 1494-1501	2.1	5
33	Leptin Expression in Human Epicardial Adipose Tissue Is Associated with Local Coronary Atherosclerosis. *Medical Science Monitor*, **2019**, 25, 9913-9922	3.2	8
32	Perivascular adipose tissue in cardiovascular diseases-an update. *Anatolian Journal of Cardiology*, **2019**, 22, 219-231	0.8	8
31	[Epicardial and subcutenious adipose tissue adiponectin gene expression in coronary artery disease patients]. *Kardiologiya*, **2020**, 60, 62-69	1.5	1
30	New Insights into Adipokines as Potential Biomarkers for Type-2 Diabetes Mellitus. *Current Medicinal Chemistry*, **2019**, 26, 4119-4144	4.3	11
29	Tanshinone IIA Promotes Macrophage Cholesterol Efflux and Attenuates Atherosclerosis of apoE-/- Mice by Omentin-1/ABCA1 Pathway. *Current Pharmaceutical Biotechnology*, **2019**, 20, 422-432	2.6	10
28	Association between Omentin-1 and Coronary Artery Disease: Pathogenesis and Clinical Research. *Current Cardiology Reviews*, **2020**, 16, 198-201	2.4	4

27	Changes in omentin levels and its mRNA expression in epicardial adipose tissue in patients undergoing elective cardiac surgery: the influence of type 2 diabetes and coronary heart disease. *Physiological Research*, **2018**, 67, 881-890	2.1	10
26	Concentration omentin-1 in the serum of patients with coronary heart disease. *Translational Medicine*, **2020**, 6, 5-13	0.3	
25	Circulating adiponectin mediates the association between omentin gene polymorphism and cardiometabolic health in Asian Indians.		
24	Omentin-1 Modulates Macrophage Function Integrin Receptors V3 and V5 and Reverses Plaque Vulnerability in Animal Models of Atherosclerosis. *Frontiers in Cardiovascular Medicine*, **2021**, 8, 757926	5.4	5
23	Epicardial Adipose Tissue in the Progression and Calcification of the Coronary Artery Disease. **2020**, 195-213		
22	Cardiovascular autonomic neuropathy in patients with type 2 diabetes mellitus and its association with serum omentin and leptin. *Journal of Family Medicine and Primary Care*, **2020**, 9, 2926-2930	1.5	
21	Evaluation of omentin levels in patients with unstable angina pectoris, non-ST elevated myocardial infarction (NSTEMI) and STEMI. *Journal of Surgery and Medicine*, **2020**, 4, 1137-1142	0.1	
20	Molecular Profiling of Breast Cancer Susceptibility of Obese or Insulin-Resistant and Pre-Diabetic Patients Using ITLN1 and CD295 SNPs.		
19	Relation between quantity and quality of peri-coronary epicardial adipose tissue and its underlying hemodynamically significant coronary stenosis.		
18	Atherosclerosis Pathways are Activated in Pericoronary Adipose Tissue of Patients with Coronary Artery Disease. *Journal of Inflammation Research*, **2021**, 14, 5419-5431	4.8	1
17	Atherosclerosis Pathways are Activated in Pericoronary Adipose Tissue of Patients with Coronary Artery Disease. *Journal of Inflammation Research*, **2021**, Volume 14, 5419-5431	4.8	2
16	The impact of omentin-1 gene polymorphisms (rs2274907 and rs2274908) on serum lipid concentrations and coronary artery disease in a sample of Iraqi individuals (A pilot study). *Clinical Biochemistry*, **2021**,	3.5	
15	Neuroprotective Effects of Omentin-1 Against Cerebral Hypoxia/Reoxygenation Injury via Activating GAS6/Axl Signaling Pathway in Neuroblastoma Cells.. *Frontiers in Cell and Developmental Biology*, **2021**, 9, 784035	5.7	0
14	Exploring the Relationship of Perivascular Adipose Tissue Inflammation and the Development of Vascular Pathologies.. *Mediators of Inflammation*, **2022**, 2022, 2734321	4.3	3
13	Association between epicardial adipose tissue and left ventricular function in type 2 diabetes mellitus: Assessment using two-dimensional speckle tracking echocardiography.. *Journal of Diabetes and Its Complications*, **2022**, 108167	3.2	0
12	Epicardial adipose tissue in contemporary cardiology.. *Nature Reviews Cardiology*, **2022**,	14.8	12
11	The Effect of Mineralocorticoid Receptor 3 Antagonists on Anti-Inflammatory and Anti-Fatty Acid Transport Profile in Patients with Heart Failure.. *Cells*, **2022**, 11,	7.9	
10	Adipokines, adiposity, and atherosclerosis.. *Cellular and Molecular Life Sciences*, **2022**, 79, 272	10.3	4

9	Epicardial Adipose Tissue as an Independent Cardiometabolic Risk Factor for Coronary Artery Disease. *Cureus*, **2022**,	1.2	0
8	Echocardiographic Association of Epicardial Adipose Tissue with Ascending Aorta Elasticity in Patients with Type 2 Diabetes Mellitus. *Angiology*, 000331972210982	2.1	
7	Epicardial Adipose Tissue in Patients with Coronary Artery Disease: A Meta-Analysis. **2022**, 9, 253		2
6	In Silico Identification of Key Genes and Immune Infiltration Characteristics in Epicardial Adipose Tissue from Patients with Coronary Artery Disease. **2022**, 2022, 1-13		0
5	Can EAT be an INOCA goalkeeper. 13,		0
4	Vitamin D insufficiency and its association with adipokines and atherogenic indices in patients with metabolic syndrome: A case-control study. 14,		0
3	Association of Serum Omentin-1 Concentration with the Content of Adipose Tissue and Glucose Tolerance in Subjects with Central Obesity. **2023**, 11, 331		0
2	Novel Adipokines and Their Role in Bone Metabolism: A Narrative Review. **2023**, 11, 644		0
1	Perivascular Adipose Tissue and Vascular Smooth Muscle Tone: Friends or Foes?. **2023**, 12, 1196		0