

Kyriakos E Kypreos

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78
papers

1,816
citations

26
h-index

40
g-index

100
ext. papers

2,081
ext. citations

4
avg, IF

4.6
L-index

#	Paper	IF	Citations
78	HDL biogenesis and functions: role of HDL quality and quantity in atherosclerosis. <i>Atherosclerosis</i> , 2010 , 208, 3-9	3.1	120
77	Pathway of biogenesis of apolipoprotein E-containing HDL in vivo with the participation of ABCA1 and LCAT. <i>Biochemical Journal</i> , 2007 , 403, 359-67	3.8	68
76	Fatty acid-related modulations of membrane fluidity in cells: detection and implications. <i>Free Radical Research</i> , 2016 , 50, S40-S50	4	68
75	Androgen deficiency and atherosclerosis: The lipid link. <i>Vascular Pharmacology</i> , 2009 , 51, 303-13	5.9	63
74	Perturbations in the HDL metabolic pathway predispose to the development of osteoarthritis in mice following long-term exposure to western-type diet. <i>Osteoarthritis and Cartilage</i> , 2013 , 21, 322-30	6.2	58
73	Apolipoprotein E predisposes to obesity and related metabolic dysfunctions in mice. <i>FEBS Journal</i> , 2008 , 275, 4796-809	5.7	56
72	Testosterone and cardiovascular disease: an old idea with modern clinical implications. <i>Atherosclerosis</i> , 2011 , 214, 244-8	3.1	55
71	Probing the pathways of chylomicron and HDL metabolism using adenovirus-mediated gene transfer. <i>Current Opinion in Lipidology</i> , 2004 , 15, 151-66	4.4	54
70	Domains of apolipoprotein E contributing to triglyceride and cholesterol homeostasis in vivo. Carboxyl-terminal region 203-299 promotes hepatic very low density lipoprotein-triglyceride secretion. <i>Journal of Biological Chemistry</i> , 2001 , 276, 19778-86	5.4	52
69	Increased CUG triplet repeat-binding protein-1 predisposes to impaired adipogenesis with aging. <i>Journal of Biological Chemistry</i> , 2006 , 281, 23025-33	5.4	51
68	Substitutions of glutamate 110 and 111 in the middle helix 4 of human apolipoprotein A-I (apoA-I) by alanine affect the structure and in vitro functions of apoA-I and induce severe hypertriglyceridemia in apoA-I-deficient mice. <i>Biochemistry</i> , 2004 , 43, 10442-57	3.2	49
67	Domains of apoE required for binding to apoE receptor 2 and to phospholipids: implications for the functions of apoE in the brain. <i>Biochemistry</i> , 2003 , 42, 10406-17	3.2	48
66	Mechanisms of obesity and related pathologies: role of apolipoprotein E in the development of obesity. <i>FEBS Journal</i> , 2009 , 276, 5720-8	5.7	43
65	ABCA1 promotes the de novo biogenesis of apolipoprotein CIII-containing HDL particles in vivo and modulates the severity of apolipoprotein CIII-induced hypertriglyceridemia. <i>Biochemistry</i> , 2008 , 47, 10491-502	3.2	42
64	SR-BI mediates cholesterol efflux via its interactions with lipid-bound ApoE. Structural mutations in SR-BI diminish cholesterol efflux. <i>Biochemistry</i> , 2005 , 44, 13132-43	3.2	41
63	The hepatic uptake of VLDL in <i>lrp-ldlr^{-/-}vldlr^{-/-}</i> mice is regulated by LPL activity and involves proteoglycans and SR-BI. <i>Journal of Lipid Research</i> , 2008 , 49, 1553-61	6.3	35
62	Distinct Roles of Apolipoproteins A1 and E in the Modulation of High-Density Lipoprotein Composition and Function. <i>Biochemistry</i> , 2016 , 55, 3752-62	3.2	34

61	LDL receptor deficiency or apoE mutations prevent remnant clearance and induce hypertriglyceridemia in mice. <i>Journal of Lipid Research</i> , 2006 , 47, 521-9	6.3	34
60	Apolipoprotein A-I modulates processes associated with diet-induced nonalcoholic fatty liver disease in mice. <i>Molecular Medicine</i> , 2012 , 18, 901-12	6.2	32
59	Deficiency in apolipoprotein E has a protective effect on diet-induced nonalcoholic fatty liver disease in mice. <i>FEBS Journal</i> , 2011 , 278, 3119-29	5.7	32
58	Molecular mechanisms of type III hyperlipoproteinemia: The contribution of the carboxy-terminal domain of ApoE can account for the dyslipidemia that is associated with the E2/E2 phenotype. <i>Biochemistry</i> , 2003 , 42, 9841-53	3.2	32
57	Effects of bariatric surgery on HDL structure and functionality: results from a prospective trial. <i>Journal of Clinical Lipidology</i> , 2014 , 8, 408-17	4.9	31
56	Generation of a recombinant apolipoprotein E variant with improved biological functions: hydrophobic residues (LEU-261, TRP-264, PHE-265, LEU-268, VAL-269) of apoE can account for the apoE-induced hypertriglyceridemia. <i>Journal of Biological Chemistry</i> , 2005 , 280, 6276-84	5.4	31
55	Regulation of endothelial nitric oxide synthase and high-density lipoprotein quality by estradiol in cardiovascular pathology. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2014 , 19, 256-68	2.6	28
54	Analysis of the structure and function relationship of the human apolipoprotein E in vivo, using adenovirus-mediated gene transfer. <i>FASEB Journal</i> , 2001 , 15, 1598-600	0.9	28
53	Pleiotropic effects of apolipoprotein C3 on HDL functionality and adipose tissue metabolic activity. <i>Journal of Lipid Research</i> , 2017 , 58, 1869-1883	6.3	26
52	Qualitative characteristics of HDL in young patients of an acute myocardial infarction. <i>Atherosclerosis</i> , 2012 , 220, 257-64	3.1	26
51	Advances in high-density lipoprotein physiology: surprises, overturns, and promises. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016 , 310, E1-E14	6	25
50	HDL particle functionality as a primary pharmacological target for HDL-based therapies. <i>Biochemical Pharmacology</i> , 2013 , 85, 1575-8	6	25
49	Type V collagen regulates the assembly of collagen fibrils in cultures of bovine vascular smooth muscle cells. <i>Journal of Cellular Biochemistry</i> , 2000 , 80, 146-55	4.7	24
48	Lack of LCAT reduces the LPS-neutralizing capacity of HDL and enhances LPS-induced inflammation in mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015 , 1852, 2106-15	6.9	23
47	HDL quality and functionality: what can proteins and genes predict?. <i>Expert Review of Cardiovascular Therapy</i> , 2014 , 12, 521-32	2.5	23
46	Lecithin/cholesterol acyltransferase modulates diet-induced hepatic deposition of triglycerides in mice. <i>Journal of Nutritional Biochemistry</i> , 2013 , 24, 567-77	6.3	22
45	Discrete roles of apoA-I and apoE in the biogenesis of HDL species: lessons learned from gene transfer studies in different mouse models. <i>Annals of Medicine</i> , 2008 , 40 Suppl 1, 14-28	1.5	22
44	The amino-terminal 1-185 domain of apoE promotes the clearance of lipoprotein remnants in vivo. The carboxy-terminal domain is required for induction of hyperlipidemia in normal and apoE-deficient mice. <i>Biochemistry</i> , 2001 , 40, 6027-35	3.2	22

43	Nitroglycerine limits infarct size through S-nitrosation of cyclophilin D: a novel mechanism for an old drug. <i>Cardiovascular Research</i> , 2019 , 115, 625-636	9.9	22
42	The low density lipoprotein receptor modulates the effects of hypogonadism on diet-induced obesity and related metabolic perturbations. <i>Journal of Lipid Research</i> , 2014 , 55, 1434-47	6.3	21
41	ApoC-III deficiency prevents hyperlipidemia induced by apoE overexpression. <i>Journal of Lipid Research</i> , 2005 , 46, 1466-73	6.3	21
40	High-density lipoprotein (HDL) metabolism and bone mass. <i>Journal of Endocrinology</i> , 2017 , 233, R95-R107	7.7	20
39	A dominant negative form of the transcription factor c-Jun affects genes that have opposing effects on lipid homeostasis in mice. <i>Journal of Biological Chemistry</i> , 2007 , 282, 19556-64	5.4	20
38	Scavenger Receptor Class B Type I Regulates Plasma Apolipoprotein E Levels and Dietary Lipid Deposition to the Liver. <i>Biochemistry</i> , 2015 , 54, 5605-16	3.2	18
37	Synchronization of cultured vascular smooth muscle cells following reversal of quiescence induced by treatment with the antioxidant N-acetylcysteine. <i>Experimental Cell Research</i> , 1998 , 239, 447-53	4.2	18
36	Apolipoprotein A-1 regulates osteoblast and lipoblast precursor cells in mice. <i>Laboratory Investigation</i> , 2016 , 96, 763-72	5.9	18
35	The Antioxidant Function of HDL in Atherosclerosis. <i>Angiology</i> , 2020 , 71, 112-121	2.1	16
34	Biophysical properties of apolipoprotein E4 variants: implications in molecular mechanisms of correction of hypertriglyceridemia. <i>Biochemistry</i> , 2008 , 47, 12644-54	3.2	12
33	Pharmacological Management of Dyslipidemia in Atherosclerosis: Limitations, Challenges, and New Therapeutic Opportunities. <i>Angiology</i> , 2019 , 70, 197-209	2.1	10
32	B-Myb represses trans-activation of the Col5A2 collagen promoter indirectly via inhibition of binding of factors interacting with positive elements within the first exon. <i>Matrix Biology</i> , 1999 , 18, 275-85	11.4	10
31	Impact of apolipoprotein A1- or lecithin:cholesterol acyltransferase-deficiency on white adipose tissue metabolic activity and glucose homeostasis in mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019 , 1865, 1351-1360	6.9	9
30	Basic fibroblast growth factor decreases type V/XI collagen expression in cultured bovine aortic smooth muscle cells. <i>Journal of Cellular Biochemistry</i> , 1998 , 68, 247-58	4.7	9
29	Deficiency in apolipoprotein A-I ablates the pharmacological effects of metformin on plasma glucose homeostasis and hepatic lipid deposition. <i>European Journal of Pharmacology</i> , 2015 , 766, 76-85	5.3	8
28	Hyperlipidemia in APOE2 transgenic mice is ameliorated by a truncated apoE variant lacking the C-terminal domain. <i>Journal of Lipid Research</i> , 2003 , 44, 408-14	6.3	8
27	Site-specific effects of apolipoprotein E expression on diet-induced obesity and white adipose tissue metabolic activation. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018 , 1864, 471-480	6.9	8
26	Residues Leu261, Trp264, and Phe265 account for apolipoprotein E-induced dyslipidemia and affect the formation of apolipoprotein E-containing high-density lipoprotein. <i>Biochemistry</i> , 2007 , 46, 9645-53	3.2	7

25	Adenovirus-mediated gene transfer. <i>Methods in Molecular Biology</i> , 2011 , 693, 321-43	1.4	5
24	ANGPTL3 and Apolipoprotein C-III as Novel Lipid-Lowering Targets. <i>Current Atherosclerosis Reports</i> , 2021 , 23, 20	6	5
23	Western-type diet differentially modulates osteoblast, osteoclast, and lipoblast differentiation and activation in a background of APOE deficiency. <i>Laboratory Investigation</i> , 2018 , 98, 1516-1526	5.9	5
22	HDL and type 2 diabetes: the chicken or the egg?. <i>Diabetologia</i> , 2021 , 64, 1917-1926	10.3	5
21	Adenovirus mediated expression "in vivo" of the chemokine receptor CXCR1. <i>Journal of Structural and Functional Genomics</i> , 2009 , 10, 17-23		4
20	ApoE2-associated hypertriglyceridemia is ameliorated by increased levels of apoA-V but unaffected by apoC-III deficiency. <i>Journal of Lipid Research</i> , 2008 , 49, 1048-55	6.3	4
19	Apolipoprotein E in diet-induced obesity: a paradigm shift from conventional perception. <i>Journal of Biomedical Research</i> , 2017 ,	1.5	4
18	Mechanisms of obesity and related pathologies. <i>FEBS Journal</i> , 2009 , 276, 5719	5.7	3
17	HDL quality in atherosclerosis: can ratios between apolipoproteins of HDL be used effectively to indicate risk of premature myocardial infarction?. <i>Clinical Lipidology</i> , 2012 , 7, 127-129		3
16	Adenovirus-mediated gene transfer. <i>Methods in Molecular Biology</i> , 2003 , 209, 231-47	1.4	3
15	Pleiotropic effects of apolipoprotein A-II on high-density lipoprotein functionality, adipose tissue metabolic activity and plasma glucose homeostasis. <i>Journal of Biomedical Research</i> , 2019 , 1-13	1.5	3
14	The aminoterminal 1-185 domain of human apolipoprotein E suffices for the de novo biogenesis of apoE-containing HDL-like particles in apoA-I deficient mice. <i>Atherosclerosis</i> , 2011 , 219, 116-23	3.1	2
13	Recommendations for lipid modification in patients with ischemic stroke or transient ischemic attack: A clinical guide by the Hellenic Stroke Organization and the Hellenic Atherosclerosis Society. <i>International Journal of Stroke</i> , 2021 , 16, 738-750	6.3	2
12	Association of the CETP Taq1B and LIPG Thr111Ile Polymorphisms with Glycated Hemoglobin and Blood Lipids in Newly Diagnosed Hyperlipidemic Patients. <i>Canadian Journal of Diabetes</i> , 2016 , 40, 515-520 ¹	2.1	2
11	Adrenoceptor-related decrease in serum triglycerides is independent of PPAR α activation. <i>FEBS Journal</i> , 2019 , 286, 4328-4341	5.7	1
10	Allele-dependent thermodynamic and structural perturbations in ApoE variants associated with the correction of dyslipidemia and formation of spherical ApoE-containing HDL particles. <i>Atherosclerosis</i> , 2013 , 226, 385-91	3.1	1
9	Pharmacodynamic and pharmacokinetic analysis of apoE4 [L261A, W264A, F265A, L268A, V269A], a recombinant apolipoprotein E variant with improved biological properties. <i>Biochemical Pharmacology</i> , 2012 , 84, 1451-8	6	1
8	High density lipoprotein in atherosclerosis and coronary heart disease: Where do we stand today?. <i>Vascular Pharmacology</i> , 2021 , 141, 106928	5.9	1

7	Strain-specific Differences in the Effects of Lymphocytes on the Development of Insulin Resistance and Obesity in Mice. <i>Comparative Medicine</i> , 2018 , 68, 15-24	1.6	1
6	Isoform and tissue dependent impact of apolipoprotein E on adipose tissue metabolic activation: The role of apolipoprotein A1. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020 , 1865, 158551	5	1
5	The Lipoprotein Transport System in the Pathogenesis of Multiple Myeloma: Advances and Challenges. <i>Frontiers in Oncology</i> , 2021 , 11, 638288	5.3	1
4	Tissue-specific functional interaction between apolipoproteins A1 and E in cold-induced adipose organ mitochondrial energy metabolism. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2021 , 1866, 158859	5	0
3	Impact of apolipoprotein A1- or Lecithin:cholesterol acyltransferase-deficiency on white adipose tissue metabolic activity and glucose homeostasis in mice. <i>FASEB Journal</i> , 2019 , 33, 694.8	0.9	
2	The Low Density Lipoprotein Receptor Modulates the Effects of Testosterone on White Adipose Tissue Metabolic Activation through Estrogen Independent Mechanisms. <i>FASEB Journal</i> , 2015 , 29, 568.11 ⁹		
1	The Expression of the Low-Density Lipoprotein Receptor Modulates the Effects of Hypogonadism on Mitochondrial Activity in Different Brain Domains. <i>Androgens: Clinical Research and Therapeutics</i> , 2021 , 2, 160-170	0.7	