

# Kyriakos E Kypreos

## 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.

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 | High density lipoprotein in atherosclerosis and coronary heart disease: Where do we stand today?. <i>Vascular Pharmacology</i> , <b>2021</b> , 141, 106928  | 5.9  | 1         |
| 77 | 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> , <b>2021</b> , 16, 738-750 | 6.3  | 2         |
| 76 | ANGPTL3 and Apolipoprotein C-III as Novel Lipid-Lowering Targets. <i>Current Atherosclerosis Reports</i> , <b>2021</b> , 23, 20   | 6    | 5         |
| 75 | The Lipoprotein Transport System in the Pathogenesis of Multiple Myeloma: Advances and Challenges. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 638288  | 5.3  | 1         |
| 74 | 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> , <b>2021</b> , 1866, 158859                         | 5    | 0         |
| 73 | HDL and type 2 diabetes: the chicken or the egg?. <i>Diabetologia</i> , <b>2021</b> , 64, 1917-1926   | 10.3 | 5         |
| 72 | 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> , <b>2021</b> , 2, 160-170                                      | 0.7  |           |
| 71 | 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> , <b>2020</b> , 1865, 158551                                 | 5    | 1         |
| 70 | Be Antioxidant Function of HDL in Atherosclerosis. <i>Angiology</i> , <b>2020</b> , 71, 112-121   | 2.1  | 16        |
| 69 | Adrenoceptor-related decrease in serum triglycerides is independent of PPAR $\alpha$ activation. <i>FEBS Journal</i> , <b>2019</b> , 286, 4328-4341   | 5.7  | 1         |
| 68 | 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> , <b>2019</b> , 1865, 1351-1360           | 6.9  | 9         |
| 67 | Pharmacological Management of Dyslipidemia in Atherosclerosis: Limitations, Challenges, and New Therapeutic Opportunities. <i>Angiology</i> , <b>2019</b> , 70, 197-209   | 2.1  | 10        |
| 66 | 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> , <b>2019</b> , 1-13  | 1.5  | 3         |
| 65 | Impact of apolipoprotein A1- or Lecithin:cholesterol acyltransferase-deficiency on white adipose tissue metabolic activity and glucose homeostasis in mice. <i>FASEB Journal</i> , <b>2019</b> , 33, 694.8  | 0.9  |           |
| 64 | Nitroglycerine limits infarct size through S-nitrosation of cyclophilin D: a novel mechanism for an old drug. <i>Cardiovascular Research</i> , <b>2019</b> , 115, 625-636   | 9.9  | 22        |
| 63 | Strain-specific Differences in the Effects of Lymphocytes on the Development of Insulin Resistance and Obesity in Mice. <i>Comparative Medicine</i> , <b>2018</b> , 68, 15-24   | 1.6  | 1         |
| 62 | 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> , <b>2018</b> , 1864, 471-480   | 6.9  | 8         |

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| 61 | Western-type diet differentially modulates osteoblast, osteoclast, and lipoblast differentiation and activation in a background of APOE deficiency. <i>Laboratory Investigation</i> , <b>2018</b> , 98, 1516-1526        | 5.9 | 5  |
| 60 | High-density lipoprotein (HDL) metabolism and bone mass. <i>Journal of Endocrinology</i> , <b>2017</b> , 233, R95-R107   | 7.7 | 20 |
| 59 | Pleiotropic effects of apolipoprotein C3 on HDL functionality and adipose tissue metabolic activity. <i>Journal of Lipid Research</i> , <b>2017</b> , 58, 1869-1883  | 6.3 | 26 |
| 58 | Apolipoprotein E in diet-induced obesity: a paradigm shift from conventional perception. <i>Journal of Biomedical Research</i> , <b>2017</b> ,   | 1.5 | 4  |
| 57 | Distinct Roles of Apolipoproteins A1 and E in the Modulation of High-Density Lipoprotein Composition and Function. <i>Biochemistry</i> , <b>2016</b> , 55, 3752-62   | 3.2 | 34 |
| 56 | Advances in high-density lipoprotein physiology: surprises, overturns, and promises. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2016</b> , 310, E1-E14                                    | 6   | 25 |
| 55 | Apolipoprotein A-1 regulates osteoblast and lipoblast precursor cells in mice. <i>Laboratory Investigation</i> , <b>2016</b> , 96, 763-72  | 5.9 | 18 |
| 54 | Fatty acid-related modulations of membrane fluidity in cells: detection and implications. <i>Free Radical Research</i> , <b>2016</b> , 50, S40-S50   | 4   | 68 |
| 53 | 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> , <b>2016</b> , 40, 515-520     | 2.1 | 2  |
| 52 | 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> , <b>2015</b> , 766, 76-85         | 5.3 | 8  |
| 51 | 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> , <b>2015</b> , 1852, 2106-15                 | 6.9 | 23 |
| 50 | Scavenger Receptor Class B Type I Regulates Plasma Apolipoprotein E Levels and Dietary Lipid Deposition to the Liver. <i>Biochemistry</i> , <b>2015</b> , 54, 5605-16  | 3.2 | 18 |
| 49 | The Low Density Lipoprotein Receptor Modulates the Effects of Testosterone on White Adipose Tissue Metabolic Activation through Estrogen Independent Mechanisms. <i>FASEB Journal</i> , <b>2015</b> , 29, 568.1          | 0.9 |    |
| 48 | Regulation of endothelial nitric oxide synthase and high-density lipoprotein quality by estradiol in cardiovascular pathology. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , <b>2014</b> , 19, 256-68 | 2.6 | 28 |
| 47 | The low density lipoprotein receptor modulates the effects of hypogonadism on diet-induced obesity and related metabolic perturbations. <i>Journal of Lipid Research</i> , <b>2014</b> , 55, 1434-47                     | 6.3 | 21 |
| 46 | Effects of bariatric surgery on HDL structure and functionality: results from a prospective trial. <i>Journal of Clinical Lipidology</i> , <b>2014</b> , 8, 408-17   | 4.9 | 31 |
| 45 | HDL quality and functionality: what can proteins and genes predict?. <i>Expert Review of Cardiovascular Therapy</i> , <b>2014</b> , 12, 521-32   | 2.5 | 23 |
| 44 | 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> , <b>2013</b> , 21, 322-30     | 6.2 | 58 |

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| 43 | 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> , <b>2013</b> , 226, 385-91 | 3.1 | 1   |
| 42 | Lecithin/cholesterol acyltransferase modulates diet-induced hepatic deposition of triglycerides in mice. <i>Journal of Nutritional Biochemistry</i> , <b>2013</b> , 24, 567-77   | 6.3 | 22  |
| 41 | HDL particle functionality as a primary pharmacological target for HDL-based therapies. <i>Biochemical Pharmacology</i> , <b>2013</b> , 85, 1575-8   | 6   | 25  |
| 40 | Qualitative characteristics of HDL in young patients of an acute myocardial infarction. <i>Atherosclerosis</i> , <b>2012</b> , 220, 257-64   | 3.1 | 26  |
| 39 | Pharmacodynamic and pharmacokinetic analysis of apoE4 [L261A, W264A, F265A, L268A, V269A], a recombinant apolipoprotein E variant with improved biological properties. <i>Biochemical Pharmacology</i> , <b>2012</b> , 84, 1451-8        | 6   | 1   |
| 38 | Apolipoprotein A-I modulates processes associated with diet-induced nonalcoholic fatty liver disease in mice. <i>Molecular Medicine</i> , <b>2012</b> , 18, 901-12   | 6.2 | 32  |
| 37 | HDL quality in atherosclerosis: can ratios between apolipoproteins of HDL be used effectively to indicate risk of premature myocardial infarction?. <i>Clinical Lipidology</i> , <b>2012</b> , 7, 127-129                                |     | 3   |
| 36 | Testosterone and cardiovascular disease: an old idea with modern clinical implications. <i>Atherosclerosis</i> , <b>2011</b> , 214, 244-8  | 3.1 | 55  |
| 35 | 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> , <b>2011</b> , 219, 116-23                          | 3.1 | 2   |
| 34 | Deficiency in apolipoprotein E has a protective effect on diet-induced nonalcoholic fatty liver disease in mice. <i>FEBS Journal</i> , <b>2011</b> , 278, 3119-29  | 5.7 | 32  |
| 33 | Adenovirus-mediated gene transfer. <i>Methods in Molecular Biology</i> , <b>2011</b> , 693, 321-43   | 1.4 | 5   |
| 32 | HDL biogenesis and functions: role of HDL quality and quantity in atherosclerosis. <i>Atherosclerosis</i> , <b>2010</b> , 208, 3-9   | 3.1 | 120 |
| 31 | Androgen deficiency and atherosclerosis: The lipid link. <i>Vascular Pharmacology</i> , <b>2009</b> , 51, 303-13   | 5.9 | 63  |
| 30 | Adenovirus mediated expression "in vivo" of the chemokine receptor CXCR1. <i>Journal of Structural and Functional Genomics</i> , <b>2009</b> , 10, 17-23   |     | 4   |
| 29 | Mechanisms of obesity and related pathologies. <i>FEBS Journal</i> , <b>2009</b> , 276, 5719   | 5.7 | 3   |
| 28 | Mechanisms of obesity and related pathologies: role of apolipoprotein E in the development of obesity. <i>FEBS Journal</i> , <b>2009</b> , 276, 5720-8   | 5.7 | 43  |
| 27 | 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> , <b>2008</b> , 40 Suppl 1, 14-28                                    | 1.5 | 22  |
| 26 | 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> , <b>2008</b> , 47, 10491-502          | 3.2 | 42  |

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| 25 | Biophysical properties of apolipoprotein E4 variants: implications in molecular mechanisms of correction of hypertriglyceridemia. <i>Biochemistry</i> , <b>2008</b> , 47, 12644-54   | 3.2 | 12 |
| 24 | ApoE2-associated hypertriglyceridemia is ameliorated by increased levels of apoA-V but unaffected by apoC-III deficiency. <i>Journal of Lipid Research</i> , <b>2008</b> , 49, 1048-55   | 6.3 | 4  |
| 23 | The hepatic uptake of VLDL in lrp-ldlr <sup>-/-</sup> vldlr <sup>-/-</sup> mice is regulated by LPL activity and involves proteoglycans and SR-BI. <i>Journal of Lipid Research</i> , <b>2008</b> , 49, 1553-61  | 6.3 | 35 |
| 22 | Apolipoprotein E predisposes to obesity and related metabolic dysfunctions in mice. <i>FEBS Journal</i> , <b>2008</b> , 275, 4796-809  | 5.7 | 56 |
| 21 | 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> , <b>2007</b> , 282, 19556-64   | 5.4 | 20 |
| 20 | Pathway of biogenesis of apolipoprotein E-containing HDL in vivo with the participation of ABCA1 and LCAT. <i>Biochemical Journal</i> , <b>2007</b> , 403, 359-67  | 3.8 | 68 |
| 19 | 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> , <b>2007</b> , 46, 9645-53  | 3.2 | 7  |
| 18 | Increased CUG triplet repeat-binding protein-1 predisposes to impaired adipogenesis with aging. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 23025-33   | 5.4 | 51 |
| 17 | LDL receptor deficiency or apoE mutations prevent remnant clearance and induce hypertriglyceridemia in mice. <i>Journal of Lipid Research</i> , <b>2006</b> , 47, 521-9  | 6.3 | 34 |
| 16 | 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> , <b>2005</b> , 280, 6276-84 | 5.4 | 31 |
| 15 | SR-BI mediates cholesterol efflux via its interactions with lipid-bound ApoE. Structural mutations in SR-BI diminish cholesterol efflux. <i>Biochemistry</i> , <b>2005</b> , 44, 13132-43  | 3.2 | 41 |
| 14 | ApoC-III deficiency prevents hyperlipidemia induced by apoE overexpression. <i>Journal of Lipid Research</i> , <b>2005</b> , 46, 1466-73   | 6.3 | 21 |
| 13 | 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> , <b>2004</b> , 43, 10442-57           | 3.2 | 49 |
| 12 | Probing the pathways of chylomicron and HDL metabolism using adenovirus-mediated gene transfer. <i>Current Opinion in Lipidology</i> , <b>2004</b> , 15, 151-66  | 4.4 | 54 |
| 11 | 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> , <b>2003</b> , 42, 10406-17  | 3.2 | 48 |
| 10 | 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> , <b>2003</b> , 42, 9841-53   | 3.2 | 32 |
| 9  | Hyperlipidemia in APOE2 transgenic mice is ameliorated by a truncated apoE variant lacking the C-terminal domain. <i>Journal of Lipid Research</i> , <b>2003</b> , 44, 408-14  | 6.3 | 8  |
| 8  | Adenovirus-mediated gene transfer. <i>Methods in Molecular Biology</i> , <b>2003</b> , 209, 231-47   | 1.4 | 3  |

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|---|---|------|----|
| 7 | Analysis of the structure and function relationship of the human apolipoprotein E in vivo, using adenovirus-mediated gene transfer. <i>FASEB Journal</i> , <b>2001</b> , 15, 1598-600   | 0.9  | 28 |
| 6 | 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> , <b>2001</b> , 276, 19778-86 | 5.4  | 52 |
| 5 | 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> , <b>2001</b> , 40, 6027-35                | 3.2  | 22 |
| 4 | Type V collagen regulates the assembly of collagen fibrils in cultures of bovine vascular smooth muscle cells. <i>Journal of Cellular Biochemistry</i> , <b>2000</b> , 80, 146-55   | 4.7  | 24 |
| 3 | 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> , <b>1999</b> , 18, 275-85   | 11.4 | 10 |
| 2 | Basic fibroblast growth factor decreases type V/XI collagen expression in cultured bovine aortic smooth muscle cells. <i>Journal of Cellular Biochemistry</i> , <b>1998</b> , 68, 247-58  | 4.7  | 9  |
| 1 | Synchronization of cultured vascular smooth muscle cells following reversal of quiescence induced by treatment with the antioxidant N-acetylcysteine. <i>Experimental Cell Research</i> , <b>1998</b> , 239, 447-53   | 4.2  | 18 |