

Leonard Kritharides

List of Publications by Year in descending order

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46
papers

3,139
citations

201385

27
h-index

243296

44
g-index

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all docs

46
docs citations

46
times ranked

4252
citing authors

#	ARTICLE	IF	CITATIONS
1	Fractional Flow Reserve and Instantaneous Wave-Free Ratio Predict Pathological Wall Shear Stress in Coronary Arteries: Implications for Understanding the Pathophysiological Impact of Functionally Significant Coronary Stenoses. <i>Journal of the American Heart Association</i> , 2022, 11, e023502.	1.6	3
2	Effects of pre-eclampsia on HDL-mediated cholesterol efflux capacity after pregnancy. <i>Atherosclerosis Plus</i> , 2022, 48, 12-19.	0.3	2
3	Moderate and High Intensity Exercise Improves Lipoprotein Profile and Cholesterol Efflux Capacity in Healthy Young Men. <i>Journal of the American Heart Association</i> , 2022, 11, .	1.6	8
4	Increased ABCA1 (ATP-Binding Cassette Transporter A1)-Specific Cholesterol Efflux Capacity in Schizophrenia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 2728-2737.	1.1	4
5	Remote ischemic preconditioning inhibits platelet β_3 activation in coronary artery disease patients receiving dual antiplatelet therapy: A randomized trial. <i>Journal of Thrombosis and Haemostasis</i> , 2020, 18, 1221-1232.	1.9	5
6	TRAIL-Expressing Monocyte/Macrophages Are Critical for Reducing Inflammation and Atherosclerosis. <i>IScience</i> , 2019, 12, 41-52.	1.9	33
7	The relationship between coronary lesion characteristics and pathologic shear in human coronary arteries. <i>Clinical Biomechanics</i> , 2018, 60, 177-184.	0.5	8
8	A critical appraisal of the measurement of serum β -cholesterol efflux capacity™ and its use as surrogate marker of risk of cardiovascular disease. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 1257-1273.	1.2	18
9	Haemodynamic assessment of human coronary arteries is affected by degree of freedom of artery movement. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2017, 20, 260-272.	0.9	23
10	The relationship between coronary artery distensibility and fractional flow reserve. <i>PLoS ONE</i> , 2017, 12, e0181824.	1.1	16
11	Short-term cooling increases serum triglycerides and small high-density lipoprotein levels in humans. <i>Journal of Clinical Lipidology</i> , 2017, 11, 920-928.e2.	0.6	37
12	Cholesterol efflux capacity: An introduction for clinicians. <i>American Heart Journal</i> , 2016, 180, 54-63.	1.2	50
13	Human macrophage cathepsin β -mediated C-terminal cleavage of apolipoprotein β at Ser ²²⁸ severely impairs antiatherogenic capacity. <i>FASEB Journal</i> , 2016, 30, 4239-4255.	0.2	17
14	HDL Particle Size Is a Critical Determinant of ABCA1-Mediated Macrophage Cellular Cholesterol Export. <i>Circulation Research</i> , 2015, 116, 1133-1142.	2.0	240
15	Cellular Cholesterol Regulates Ubiquitination and Degradation of the Cholesterol Export Proteins ABCA1 and ABCG1. <i>Journal of Biological Chemistry</i> , 2014, 289, 7524-7536.	1.6	62
16	Intracoronary upregulation of platelet extracellular matrix metalloproteinase inducer (CD147) in coronary disease. <i>International Journal of Cardiology</i> , 2013, 166, 716-721.	0.8	11
17	Flow recirculation zone length and shear rate are differentially affected by stenosis severity in human coronary arteries. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 304, H559-H566.	1.5	36
18	Lesion Eccentricity and Fractional Flow Reserve and Coronary Flow Reserve in Coronary Arteries. <i>Advanced Structured Materials</i> , 2013, , 1-6.	0.3	1

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19	The Index of Microcirculatory Resistance Predicts Myocardial Infarction Related to Percutaneous Coronary Intervention. <i>Circulation: Cardiovascular Interventions</i> , 2012, 5, 515-522.	1.4	58
20	Protein kinase A modulates the activity of a major human isoform of ABCG1. <i>Journal of Lipid Research</i> , 2012, 53, 2133-2140.	2.0	16
21	Pathologic shear triggers shedding of vascular receptors: a novel mechanism for down-regulation of platelet glycoprotein VI in stenosed coronary vessels. <i>Blood</i> , 2012, 119, 4311-4320.	0.6	101
22	Editorial introductions. <i>Current Opinion in Rheumatology</i> , 2011, 23, vii-viii.	2.0	0
23	Three-dimensional and two-dimensional quantitative coronary angiography, and their prediction of reduced fractional flow reserve. <i>European Heart Journal</i> , 2011, 32, 345-353.	1.0	115
24	Cyclosporin A and atherosclerosis – Cellular pathways in atherogenesis. , 2010, 128, 106-118.		45
25	Expression and stability of two isoforms of ABCG1 in human vascular cells. <i>Atherosclerosis</i> , 2010, 208, 75-82.	0.4	29
26	Cyclosporin A Decreases Apolipoprotein E Secretion from Human Macrophages via a Protein Phosphatase 2B-dependent and ATP-binding Cassette Transporter A1 (ABCA1)-independent Pathway. <i>Journal of Biological Chemistry</i> , 2009, 284, 24144-24154.	1.6	23
27	Lipid metabolism: recent progress in defining the contributions of cholesterol transporters to cholesterol efflux in vitro and in vivo. <i>Current Opinion in Lipidology</i> , 2008, 19, 212-214.	1.2	3
28	Regulation of Endogenous Apolipoprotein E Secretion by Macrophages. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 1060-1067.	1.1	69
29	Coexistence of Foam Cells and Hypocholesterolemia in Mice Lacking the ABC Transporters A1 and G1. <i>Circulation Research</i> , 2008, 102, 113-120.	2.0	100
30	Roles of ATP binding cassette transporters A1 and G1, scavenger receptor BI and membrane lipid domains in cholesterol export from macrophages. <i>Current Opinion in Lipidology</i> , 2006, 17, 247-257.	1.2	224
31	ABCA1 and ABCG1 Synergize to Mediate Cholesterol Export to ApoA-I. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006, 26, 534-540.	1.1	375
32	Domain-specific lipid distribution in macrophage plasma membranes. <i>Journal of Lipid Research</i> , 2005, 46, 1526-1538.	2.0	96
33	Apolipoprotein A1 interaction with plasma membrane lipid rafts controls cholesterol export from macrophages. <i>FASEB Journal</i> , 2004, 18, 574-576.	0.2	95
34	Apolipoprotein A-I-stimulated Apolipoprotein E Secretion from Human Macrophages Is Independent of Cholesterol Efflux. <i>Journal of Biological Chemistry</i> , 2004, 279, 25966-25977.	1.6	40
35	Visualizing lipid structure and raft domains in living cells with two-photon microscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 15554-15559.	3.3	486
36	The use of antioxidant supplements in coronary heart disease. <i>Atherosclerosis</i> , 2002, 164, 211-219.	0.4	109

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37	A Kinetic Model to Evaluate Cholesterol Efflux from THP-1 Macrophages to Apolipoprotein A-1. <i>Biochemistry</i> , 2001, 40, 9363-9373.	1.2	37
38	Inhibition of Cholesterol Efflux by 7-Ketocholesterol: A Comparison between Cells, Plasma Membrane Vesicles, and Liposomes as Cholesterol Donors. <i>Biochemistry</i> , 2001, 40, 13002-13014.	1.2	42
39	Metabolism of oxidized LDL by macrophages. <i>Current Opinion in Lipidology</i> , 2000, 11, 473-481.	1.2	61
40	Cholesterol and oxysterol metabolism and subcellular distribution in macrophage foam cells: accumulation of oxidized esters in lysosomes. <i>Journal of Lipid Research</i> , 2000, 41, 226-236.	2.0	91
41	Apolipoprotein A-I Stimulates Secretion of Apolipoprotein E by Foam Cell Macrophages. <i>Journal of Biological Chemistry</i> , 1999, 274, 27925-27933.	1.6	60
42	Effects of CSF-1 on Cholesterol Accumulation and Efflux by Macrophages. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1997, 17, 18-25.	1.1	7
43	Sterol Efflux Is Impaired from Macrophage Foam Cells Selectively Enriched with 7-Ketocholesterol. <i>Journal of Biological Chemistry</i> , 1996, 271, 17852-17860.	1.6	118
44	Hydroxypropyl- β -cyclodextrin-mediated Efflux of 7-Ketocholesterol from Macrophage Foam Cells. <i>Journal of Biological Chemistry</i> , 1996, 271, 27450-27455.	1.6	59
45	Apolipoprotein A-I-Mediated Efflux of Sterols From Oxidized LDL-Loaded Macrophages. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1995, 15, 276-289.	1.1	92
46	Edta Differentially and Incompletely Inhibits Components of Prolonged Cell-Mediated Oxidation of Low-Density Lipoprotein. <i>Free Radical Research</i> , 1995, 22, 399-417.	1.5	14