

# Hua-Chen Chan

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

455  
citations

687363

13  
h-index

713466

21  
g-index

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25  
docs citations

25  
times ranked

525  
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly electronegative LDL from patients with ST-elevation myocardial infarction triggers platelet activation and aggregation. <i>Blood</i> , 2013, 122, 3632-3641.	1.4	69
2	Plasma L5 levels are elevated in ischemic stroke patients and enhance platelet aggregation. <i>Blood</i> , 2016, 127, 1336-1345.	1.4	69
3	Human electronegative LDL induces mitochondrial dysfunction and premature senescence of vascular cells in vivo. <i>Aging Cell</i> , 2018, 17, e12792.	6.7	39
4	Chemical composition-oriented receptor selectivity of L5, a naturally occurring atherogenic low-density lipoprotein. <i>Pure and Applied Chemistry</i> , 2011, 83, 1731-1740.	1.9	27
5	Electronegative low-density lipoprotein induces cardiomyocyte apoptosis indirectly through endothelial cell-released chemokines. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2012, 17, 1009-1018.	4.9	26
6	Increased LDL electronegativity in chronic kidney disease disrupts calcium homeostasis resulting in cardiac dysfunction. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 84, 36-44.	1.9	22
7	Role of Low-Density Lipoprotein in Early Vascular Aging Associated With Systemic Lupus Erythematosus. <i>Arthritis and Rheumatology</i> , 2020, 72, 972-984.	5.6	22
8	Enhanced Sphingomyelinase Activity Contributes to the Apoptotic Capacity of Electronegative Low-Density Lipoprotein. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 1032-1040.	6.4	19
9	Range of L5 LDL levels in healthy adults and L5's predictive power in patients with hyperlipidemia or coronary artery disease. <i>Scientific Reports</i> , 2018, 8, 11866.	3.3	18
10	Molecular and Cellular Mechanisms of Electronegative Lipoproteins in Cardiovascular Diseases. <i>Biomedicines</i> , 2020, 8, 550.	3.2	17
11	Electronegative low density lipoprotein induces renal apoptosis and fibrosis: STRA6 signaling involved. <i>Journal of Lipid Research</i> , 2016, 57, 1435-1446.	4.2	15
12	Electronegative Low-Density Lipoprotein L5 Induces Adipose Tissue Inflammation Associated With Metabolic Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 4615-4625.	3.6	15
13	Increased APOE glycosylation plays a key role in the atherogenicity of L5 low-density lipoprotein. <i>FASEB Journal</i> , 2020, 34, 9802-9813.	0.5	15
14	Adiponectin forms a complex with atherogenic LDL and inhibits its downstream effects. <i>Journal of Lipid Research</i> , 2021, 62, 100001.	4.2	13
15	Clinical Significance of Electronegative Low-Density Lipoprotein Cholesterol in Atherothrombosis. <i>Biomedicines</i> , 2020, 8, 254.	3.2	12
16	Disruption of retinoid homeostasis induces RBP4 overproduction in diabetes: O-GlcNAcylation involved. <i>Metabolism: Clinical and Experimental</i> , 2020, 113, 154403.	3.4	10
17	Next-Generation Sequencing Profiles of the Methylome and Transcriptome in Peripheral Blood Mononuclear Cells of Rheumatoid Arthritis. <i>Journal of Clinical Medicine</i> , 2019, 8, 1284.	2.4	8
18	Efficiency comparison of PCBR extract and Coryzanol in antioxidative stress and anti-inflammatory properties against metabolic syndrome. <i>Journal of Food Biochemistry</i> , 2020, 44, e13129.	2.9	8

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19	Four Statin Benefit Groups Defined by The 2013 ACC/AHA New Cholesterol Guideline are Characterized by Increased Plasma Level of Electronegative Low-Density Lipoprotein. <i>Acta Cardiologica Sinica</i> , 2016, 32, 667-675.	0.2	8
20	Electronegative LDL-mediated cardiac electrical remodeling in a rat model of chronic kidney disease. <i>Scientific Reports</i> , 2017, 7, 40676.	3.3	6
21	An Increased Plasma Level of ApoCIII-Rich Electronegative High-Density Lipoprotein May Contribute to Cognitive Impairment in Alzheimer's Disease. <i>Biomedicines</i> , 2020, 8, 542.	3.2	6
22	Human electronegative low-density lipoprotein modulates cardiac repolarization via LOX-1-mediated alteration of sarcolemmal ion channels. <i>Scientific Reports</i> , 2017, 7, 10889.	3.3	5
23	Electronegative low-density lipoprotein of patients with metabolic syndrome induces pathogenesis of aorta through disruption of the stimulated by retinoic acid cascade. <i>Journal of Diabetes Investigation</i> , 2020, 11, 535-544.	2.4	3
24	Lower HDAC6 mRNA expression and promoter hypomethylation are associated with RA susceptibility. <i>Journal of the Formosan Medical Association</i> , 2022, 121, 1431-1441.	1.7	3
25	A novel CD209 polymorphism is associated with rheumatoid arthritis patients in Taiwan. <i>Journal of Clinical Laboratory Analysis</i> , 2021, 35, e23751.	2.1	0