

# David Y Hui

## List of Publications by Year in descending order

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76  
papers

3,062  
citations

126708

33  
h-index

161609

54  
g-index

76  
all docs

76  
docs citations

76  
times ranked

4588  
citing authors

#	ARTICLE	IF	CITATIONS
1	Carboxyl ester lipase. <i>Journal of Lipid Research</i> , 2002, 43, 2017-2030.	2.0	184
2	Adipocyte LDL receptor-related protein-1 expression modulates postprandial lipid transport and glucose homeostasis in mice. <i>Journal of Clinical Investigation</i> , 2007, 117, 3271-3282.	3.9	135
3	Proinflammatory Phenotype of Perivascular Adipocytes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1631-1636.	1.1	132
4	Apolipoprotein E Inhibits Platelet-derived Growth Factor-induced Vascular Smooth Muscle Cell Migration and Proliferation by Suppressing Signal Transduction and Preventing Cell Entry to G1 Phase. <i>Journal of Biological Chemistry</i> , 1998, 273, 20156-20161.	1.6	129
5	Histone Deacetylase 9 Is a Negative Regulator of Adipogenic Differentiation. <i>Journal of Biological Chemistry</i> , 2011, 286, 27836-27847.	1.6	120
6	Effects of HIV protease inhibitor therapy on lipid metabolism. <i>Progress in Lipid Research</i> , 2003, 42, 81-92.	5.3	113
7	Transplanted Perivascular Adipose Tissue Accelerates Injury-Induced Neointimal Hyperplasia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1723-1730.	1.1	98
8	Protection against diet-induced obesity and obesity-related insulin resistance in Group 1B PLA <sub>2</sub> -deficient mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002, 283, E994-E1001.	1.8	95
9	Molecular mechanisms of cholesterol absorption and transport in the intestine. <i>Seminars in Cell and Developmental Biology</i> , 2005, 16, 183-192.	2.3	92
10	HDAC9 Knockout Mice Are Protected From Adipose Tissue Dysfunction and Systemic Metabolic Disease During High-Fat Feeding. <i>Diabetes</i> , 2014, 63, 176-187.	0.3	89
11	Compensatory phospholipid digestion is required for cholesterol absorption in pancreatic phospholipase A2-deficient mice. <i>Gastroenterology</i> , 2001, 120, 1193-1202.	0.6	88
12	Myeloid-Specific KrÄppel-Like Factor 2 Inactivation Increases Macrophage and Neutrophil Adhesion and Promotes Atherosclerosis. <i>Circulation Research</i> , 2012, 110, 1294-1302.	2.0	79
13	Apolipoprotein E4 Impairs Macrophage Efferocytosis and Potentiates Apoptosis by Accelerating Endoplasmic Reticulum Stress. <i>Journal of Biological Chemistry</i> , 2012, 287, 27876-27884.	1.6	79
14	Group 1B Phospholipase A2-Mediated Lysophospholipid Absorption Directly Contributes to Postprandial Hyperglycemia. <i>Diabetes</i> , 2006, 55, 935-941.	0.3	78
15	Red Blood Cell Dysfunction Induced by High-Fat Diet. <i>Circulation</i> , 2015, 132, 1898-1908.	1.6	71
16	Development and Physiological Regulation of Intestinal Lipid Absorption. III. Intestinal transporters and cholesterol absorption. <i>American Journal of Physiology - Renal Physiology</i> , 2008, 294, G839-G843.	1.6	69
17	Intimal Hyperplasia in Murine Models. <i>Current Drug Targets</i> , 2008, 9, 251-260.	1.0	69
18	Micromolar changes in lysophosphatidylcholine concentration cause minor effects on mitochondrial permeability but major alterations in function. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2014, 1841, 888-895.	1.2	68

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19	Phospholipase A2 enzymes in metabolic and cardiovascular diseases. <i>Current Opinion in Lipidology</i> , 2012, 23, 235-240.	1.2	67
20	Pancreatic lipase/colipase-mediated triacylglycerol hydrolysis is required for cholesterol transport from lipid emulsions to intestinal cells. <i>Biochemical Journal</i> , 1999, 339, 615-620.	1.7	66
21	Sequence identity between human pancreatic cholesterol esterase and bile salt-stimulated milk lipase. <i>FEBS Letters</i> , 1990, 276, 131-134.	1.3	62
22	Postprandial lysophospholipid suppresses hepatic fatty acid oxidation: the molecular link between group 1B phospholipase A2 and diet-induced obesity. <i>FASEB Journal</i> , 2010, 24, 2516-2524.	0.2	62
23	Reduced Levels of microRNAs miR-124a and miR-150 Are Associated with Increased Proinflammatory Mediator Expression in KrÄ¼ppel-like Factor 2 (KLF2)-deficient Macrophages. <i>Journal of Biological Chemistry</i> , 2014, 289, 31638-31646.	1.6	55
24	Antiphospholipid antibodies induce thrombosis by PP2A activation via apoER2-Dab2-SHC1 complex formation in endothelium. <i>Blood</i> , 2018, 131, 2097-2110.	0.6	50
25	Genetic variants of ApoE and ApoER2 differentially modulate endothelial function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 13493-13498.	3.3	49
26	Intestinal phospholipid and lysophospholipid metabolism in cardiometabolic disease. <i>Current Opinion in Lipidology</i> , 2016, 27, 507-512.	1.2	48
27	Smooth Muscle LDL Receptor-Related Protein-1 Inactivation Reduces Vascular Reactivity and Promotes Injury-Induced Neointima Formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 1772-1778.	1.1	42
28	Hepatic Deficiency of Low Density Lipoprotein Receptor-related Protein-1 Reduces High Density Lipoprotein Secretion and Plasma Levels in Mice. <i>Journal of Biological Chemistry</i> , 2011, 286, 13079-13087.	1.6	41
29	Epithelial-Cell-Derived Phospholipase A2 Group 1B Is an Endogenous Anthelmintic. <i>Cell Host and Microbe</i> , 2017, 22, 484-493.e5.	5.1	41
30	Group 1B phospholipase A2 deficiency protects against diet-induced hyperlipidemia in mice. <i>Journal of Lipid Research</i> , 2011, 52, 2005-2011.	2.0	38
31	Group 1B phospholipase A2 inactivation suppresses atherosclerosis and metabolic diseases in LDL receptor-deficient mice. <i>Atherosclerosis</i> , 2014, 234, 377-380.	0.4	36
32	Carboxyl Ester Lipase Deficiency Exacerbates Dietary Lipid Absorption Abnormalities and Resistance to Diet-induced Obesity in Pancreatic Triglyceride Lipase Knockout Mice. <i>Journal of Biological Chemistry</i> , 2007, 282, 24642-24649.	1.6	35
33	Carboxyl Ester Lipase Expression in Macrophages Increases Cholesteryl Ester Accumulation and Promotes Atherosclerosis. <i>Journal of Biological Chemistry</i> , 2005, 280, 38592-38598.	1.6	34
34	Distinct signaling mechanisms for apoE inhibition of cell migration and proliferation. <i>Neurobiology of Aging</i> , 2005, 26, 317-323.	1.5	34
35	Apolipoprotein E2 Accentuates Postprandial Inflammation and Diet-Induced Obesity to Promote Hyperinsulinemia in Mice. <i>Diabetes</i> , 2013, 62, 382-391.	0.3	34
36	Group 1B phospholipase A2 in metabolic and inflammatory disease modulation. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 784-788.	1.2	32

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37	Role of histone deacetylase 9 in regulating adipogenic differentiation and high fat diet-induced metabolic disease. <i>Adipocyte</i> , 2014, 3, 333-338.	1.3	31
38	Deficiency of LRP1 in Mature Adipocytes Promotes Diet-Induced Inflammation and Atherosclerosisâ€”Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1046-1049.	1.1	31
39	Bile Salt Stimulated Cholesterol Esterase Increases Uptake of High Density Lipoprotein-Associated Cholesteryl Esters by HepG2 Cellsâ€”. <i>Biochemistry</i> , 1996, 35, 6657-6663.	1.2	29
40	Apolipoprotein E receptor-2 deficiency enhances macrophage susceptibility to lipid accumulation and cell death to augment atherosclerotic plaque progression and necrosis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2014, 1842, 1395-1405.	1.8	28
41	Pancreatic lipase/colipase-mediated triacylglycerol hydrolysis is required for cholesterol transport from lipid emulsions to intestinal cells. <i>Biochemical Journal</i> , 1999, 339, 615.	1.7	26
42	A novel role for the Wnt inhibitor APCDD1 in adipocyte differentiation: Implications for diet-induced obesity. <i>Journal of Biological Chemistry</i> , 2017, 292, 6312-6324.	1.6	23
43	Enhancer of zeste homolog 2 (EZH2) regulates adipocyte lipid metabolism independent of adipogenic differentiation: Role of apolipoprotein E. <i>Journal of Biological Chemistry</i> , 2019, 294, 8577-8591.	1.6	22
44	Histone Deacetylases and Cardiometabolic Diseases. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015, 35, 1914-1919.	1.1	21
45	LRP1 Protein Deficiency Exacerbates Palmitate-induced Steatosis and Toxicity in Hepatocytes. <i>Journal of Biological Chemistry</i> , 2016, 291, 16610-16619.	1.6	19
46	ApoER2 (Apolipoprotein E Receptor-2) Deficiency Accelerates Smooth Muscle Cell Senescence via Cytokinesis Impairment and Promotes Fibrotic Neointima After Vascular Injury. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 2132-2144.	1.1	19
47	Molecular structure and tissue-specific expression of the mouse pancreatic phospholipase A2 gene. <i>Gene</i> , 2000, 244, 65-72.	1.0	18
48	Low-density lipoprotein receptorâ€”related protein-1 dysfunction synergizes with dietary cholesterol to accelerate steatohepatitis progression. <i>Journal of Biological Chemistry</i> , 2018, 293, 9674-9684.	1.6	17
49	Mixed-Lineage Kinase 3 Deficiency Promotes Neointima Formation Through Increased Activation of the RhoA Pathway in Vascular Smooth Muscle Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 1429-1436.	1.1	16
50	Antiphospholipid Antibodies Attenuate Endothelial Repair and Promote Neointima Formation in Mice. <i>Journal of the American Heart Association</i> , 2014, 3, e001369.	1.6	14
51	Naturally Occurring Variants in LRP1 (Low-Density Lipoprotein Receptorâ€”Related Protein 1) Affect HDL (High-Density Lipoprotein) Metabolism Through ABCA1 (ATP-Binding Cassette A1) and SR-B1 (Scavenger) Tj ETQq1_1_1 0.784314 rgBT 13 1440-1453.	1.1	13
52	Smooth Muscle LDL Receptor-Related Protein-1 Deletion Induces Aortic Insufficiency and Promotes Vascular Cardiomyopathy in Mice. <i>PLoS ONE</i> , 2013, 8, e82026.	1.1	13
53	Hepatic HAX-1 inactivation prevents metabolic diseases by enhancing mitochondrial activity and bile salt export. <i>Journal of Biological Chemistry</i> , 2020, 295, 4631-4646.	1.6	11
54	Protein Phosphatase 2A Activation Via ApoER2 in Trophoblasts Drives Preeclampsia in a Mouse Model of the Antiphospholipid Syndrome. <i>Circulation Research</i> , 2021, 129, 735-750.	2.0	10

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55	Apolipoprotein E-induced Cell Signaling in the Vessel Wall. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2004, 5, 335-341.	2.6	9
56	Utility and Importance of Gene Knockout Animals For Nutritional and Metabolic Research. <i>Journal of Nutrition</i> , 1998, 128, 2052-2057.	1.3	8
57	Therapeutic reduction of lysophospholipids in the digestive tract recapitulates the metabolic benefits of bariatric surgery and promotes diabetes remission. <i>Molecular Metabolism</i> , 2018, 16, 55-64.	3.0	8
58	<i>Mycobacterium bovis</i> Bacille-Calmette-Guérin Infection Aggravates Atherosclerosis. <i>Frontiers in Immunology</i> , 2020, 11, 607957.	2.2	8
59	Apolipoprotein E receptor 2 deficiency decreases endothelial adhesion of monocytes and protects against autoimmune encephalomyelitis. <i>Science Immunology</i> , 2021, 6, .	5.6	8
60	HIV protease inhibitors and atherosclerosis. <i>Journal of Clinical Investigation</i> , 2003, 111, 317-318.	3.9	8
61	Distinct pro-inflammatory properties of myeloid cell-derived apolipoprotein E2 and E4 in atherosclerosis promotion. <i>Journal of Biological Chemistry</i> , 2021, 297, 101106.	1.6	7
62	Hepatic LDL receptor-related protein-1 deficiency alters mitochondrial dynamics through phosphatidylinositol 4,5-bisphosphate reduction. <i>Journal of Biological Chemistry</i> , 2021, 296, 100370.	1.6	5
63	Chronic angiotensin receptor activation promotes hepatic triacylglycerol accumulation during an acute glucose challenge in obese-insulin-resistant OLETF rats. <i>Endocrine</i> , 2021, , 1.	1.1	5
64	Distinct Influence of Hypercaloric Diets Predominant with Fat or Fat and Sucrose on Adipose Tissue and Liver Inflammation in Mice. <i>Molecules</i> , 2020, 25, 4369.	1.7	4
65	Mice lacking global <i>Stap1</i> expression do not manifest hypercholesterolemia. <i>BMC Medical Genetics</i> , 2020, 21, 234.	2.1	4
66	Mutation in the distal NPxY motif of LRP1 alleviates dietary cholesterol-induced dyslipidemia and tissue inflammation. <i>Journal of Lipid Research</i> , 2021, 62, 100012.	2.0	4
67	The good side of cholesterol: a requirement for maintenance of intestinal integrity. <i>Journal of Lipid Research</i> , 2017, 58, 1935-1936.	2.0	3
68	LDL receptor-related protein 1 and its interacting partners in tissue homeostasis. <i>Current Opinion in Lipidology</i> , 2021, 32, 301-307.	1.2	3
69	PDZK1 Prevents Neointima Formation via Suppression of Breakpoint Cluster Region Kinase in Vascular Smooth Muscle. <i>PLoS ONE</i> , 2015, 10, e0124494.	1.1	2
70	Hypertriglyceridemia in <i>LR11</i> deficiency mice. <i>FASEB Journal</i> , 2006, 20, A84.	0.2	1
71	Effect of ezetimibe on the response of incretin secretion to intestine lipid ingestion. <i>FASEB Journal</i> , 2010, 24, 1009.3.	0.2	0
72	Abstract 316: Deficiency in the Low-Density Lipoprotein Receptor-Related Protein 8 Alters Macrophage Function and Promotes Atherosclerotic Plaque Necrosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, .	1.1	0

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73	Red Blood Cells As a Novel Mediator of Chronic Inflammation in Diet-Induced Obesity: Implications for Atherosclerosis. <i>Blood</i> , 2012, 120, 3198-3198.	0.6	0
74	Abstract 2: Overexpression of Human Apolipoprotein C-III in Mice Decreases Intestinal Transport of Triglyceride Into Lymph. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, .	1.1	0
75	ARB treatment ameliorates triacylglycerol accumulation during insulin-resistant conditions in the liver of OLETF rats. <i>FASEB Journal</i> , 2018, 32, 814.5.	0.2	0
76	Prefrontal Cortical Regulation of Chronic Stress-Induced Cardiovascular Susceptibility. <i>FASEB Journal</i> , 2018, 32, 598.11.	0.2	0