

Yiliang Chen

List of Publications by Year in descending order

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33
papers

1,019
citations

516710

16
h-index

552781

26
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all docs

33
docs citations

33
times ranked

1338
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial Metabolic Reprogramming by CD36 Signaling Drives Macrophage Inflammatory Responses. <i>Circulation Research</i> , 2019, 125, 1087-1102.	4.5	114
2	CD36, a signaling receptor and fatty acid transporter that regulates immune cell metabolism and fate. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	105
3	Regulation of caveolin-1 membrane trafficking by the Na/K-ATPase. <i>Journal of Cell Biology</i> , 2008, 182, 1153-1169.	5.2	99
4	CD36 and Na/K-ATPase- β 1 Form a Proinflammatory Signaling Loop in Kidney. <i>Hypertension</i> , 2013, 61, 216-224.	2.7	84
5	Oxidized LDL-bound CD36 recruits an Na ⁺ /K ⁺ -ATPase-Lyn complex in macrophages that promotes atherosclerosis. <i>Science Signaling</i> , 2015, 8, ra91.	3.6	73
6	Platelet CD36 promotes thrombosis by activating redox sensor ERK5 in hyperlipidemic conditions. <i>Blood</i> , 2017, 129, 2917-2927.	1.4	64
7	CD36 promotes NLRP3 inflammasome activation via the mtROS pathway in renal tubular epithelial cells of diabetic kidneys. <i>Cell Death and Disease</i> , 2021, 12, 523.	6.3	56
8	Regulation of Intracellular Cholesterol Distribution by Na/K-ATPase. <i>Journal of Biological Chemistry</i> , 2009, 284, 14881-14890.	3.4	49
9	Extracellular Vesicles Activate a CD36-Dependent Signaling Pathway to Inhibit Microvascular Endothelial Cell Migration and Tube Formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 534-544.	2.4	48
10	Regulation of β 1 Na/K-ATPase Expression by Cholesterol. <i>Journal of Biological Chemistry</i> , 2011, 286, 15517-15524.	3.4	41
11	Reduction of Na/K-ATPase Potentiates Marinobufagenin-induced Cardiac Dysfunction and Myocyte Apoptosis. <i>Journal of Biological Chemistry</i> , 2012, 287, 16390-16398.	3.4	37
12	Acrolein Impairs the Cholesterol Transport Functions of High Density Lipoproteins. <i>PLoS ONE</i> , 2015, 10, e0123138.	2.5	33
13	Diet-induced obesity links to ER positive breast cancer progression via LPA/PKD-1-CD36 signaling-mediated microvascular remodeling. <i>Oncotarget</i> , 2017, 8, 22550-22562.	1.8	29
14	Regulation Of Angiogenesis By Phospholipid Lysophosphatidic Acid. <i>Frontiers in Bioscience - Landmark</i> , 2013, 18, 852.	3.0	28
15	Cardiotonic Steroids Stimulate Macrophage Inflammatory Responses Through a Pathway Involving CD36, TLR4, and Na/K-ATPase. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1462-1469.	2.4	23
16	Targeting PIM1-Mediated Metabolism in Myeloid Suppressor Cells to Treat Cancer. <i>Cancer Immunology Research</i> , 2021, 9, 454-469.	3.4	23
17	Platelet CD36 Induces ERK5 Activation through a Redox-Regulated Signaling Pathway to Promote a Prothrombotic Phenotype. <i>Blood</i> , 2015, 126, 1033-1033.	1.4	23
18	Hypertriglyceridemia during hospitalization independently associates with mortality in patients with COVID-19. <i>Journal of Clinical Lipidology</i> , 2021, 15, 724-731.	1.5	14

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19	Modification of HDL by reactive aldehydes alters select cardioprotective functions of HDL in macrophages. <i>FEBS Journal</i> , 2020, 287, 695-707.	4.7	13
20	AMPK-deficiency forces metformin-challenged cancer cells to switch from carbohydrate metabolism to ketogenesis to support energy metabolism. <i>Oncogene</i> , 2021, 40, 5455-5467.	5.9	13
21	A caveolin binding motif in Na/K-ATPase is required for stem cell differentiation and organogenesis in mammals and <i>C. elegans</i> . <i>Science Advances</i> , 2020, 6, eaaw5851.	10.3	9
22	Epithelial and Endothelial Adhesion of Immune Cells Is Enhanced by Cardiotonic Steroid Signaling Through Na ⁺ /K ⁺ -ATPase. <i>Journal of the American Heart Association</i> , 2020, 9, e013933.	9.3	9
23	Regulation of Na/K-ATPase expression by cholesterol: isoform specificity and the molecular mechanism. <i>American Journal of Physiology - Cell Physiology</i> , 2020, 319, C1107-C1119.	4.6	8
24	Platelet CD36 Potentiates Thrombus Formation in Hyperlipidemic Conditions By Activating Redox Sensitive MAP Kinase ERK5. <i>Blood</i> , 2016, 128, 710-710.	1.4	8
25	Oxidant-Induced Alterations in the Adipocyte Transcriptome: Role of the Na,K-ATPase Oxidant Amplification Loop. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5923.	4.1	7
26	Platelet metabolism meets thrombosis. <i>Blood</i> , 2018, 132, 1089-1091.	1.4	3
27	Abstract A09: Diet-induced obesity promotes breast cancer progression by LPA-signaling-mediated functional changes of mitochondria and angiogenesis. , 2015, , .		3
28	Abstract LB-338: A novel LPA-PKD1-FoxO1 pathway in endothelial cells provides an angiogenic switch via down-regulation of CD36 transcription and induction of arteriogenic responses .. , 2013, , .		2
29	Editorial: The Roles of Lipids in Immunometabolism: The Crosstalk Between Lipid Metabolisms and Inflammation. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	2.4	1
30	Inhibition of the Signaling Function of Na/K-ATPase Produces Salt-Sensitive Hypertension. <i>FASEB Journal</i> , 2011, 25, 16627.	0.5	0
31	Abstract 450: Modification of HDL by Reactive Aldehydes Impairs HDL's Athero-protective Functions. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, .	2.4	0
32	Abstract 586: Oxidized LDL Induce a Metabolic Switch Through CD36 in Macrophages. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, .	2.4	0
33	Regulation of Adipocyte Metabolic Homeostasis by SRBI and PCPE2. <i>FASEB Journal</i> , 2022, 36, .	0.5	0