

Chieko Mineo

List of Publications by Year in descending order

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67
papers

5,707
citations

81900

39
h-index

110387

64
g-index

69
all docs

69
docs citations

69
times ranked

6886
citing authors

#	ARTICLE	IF	CITATIONS
1	Endothelial and Antithrombotic Actions of HDL. <i>Circulation Research</i> , 2006, 98, 1352-1364.	4.5	552
2	Estrogen Receptor α and Endothelial Nitric Oxide Synthase Are Organized Into a Functional Signaling Module in Caveolae. <i>Circulation Research</i> , 2000, 87, E44-52.	4.5	356
3	High Density Lipoprotein-induced Endothelial Nitric-oxide Synthase Activation Is Mediated by Akt and MAP Kinases. <i>Journal of Biological Chemistry</i> , 2003, 278, 9142-9149.	3.4	329
4	27-Hydroxycholesterol Promotes Cell-Autonomous, ER-Positive Breast Cancer Growth. <i>Cell Reports</i> , 2013, 5, 637-645.	6.4	289
5	Plasma Membrane Estrogen Receptors Are Coupled to Endothelial Nitric-oxide Synthase through $\text{G}\beta\text{i}$. <i>Journal of Biological Chemistry</i> , 2001, 276, 27071-27076.	3.4	258
6	High-Density Lipoprotein Promotes Endothelial Cell Migration and Reendothelialization via Scavenger Receptor-B Type I. <i>Circulation Research</i> , 2006, 98, 63-72.	4.5	258
7	Cold-induced conversion of cholesterol to bile acids in mice shapes the gut microbiome and promotes adaptive thermogenesis. <i>Nature Medicine</i> , 2017, 23, 839-849.	30.7	225
8	Non-nuclear estrogen receptor α signaling promotes cardiovascular protection but not uterine or breast cancer growth in mice. <i>Journal of Clinical Investigation</i> , 2010, 120, 2319-2330.	8.2	217
9	SR-B1 drives endothelial cell LDL transcytosis via DOCK4 to promote atherosclerosis. <i>Nature</i> , 2019, 569, 565-569.	27.8	208
10	Targeting of Protein Kinase $\text{C}\beta$ to Caveolae. <i>Journal of Cell Biology</i> , 1998, 141, 601-610.	5.2	171
11	Novel Biological Functions of High-Density Lipoprotein Cholesterol. <i>Circulation Research</i> , 2012, 111, 1079-1090.	4.5	170
12	Antiphospholipid antibodies promote leukocyte-endothelial cell adhesion and thrombosis in mice by antagonizing eNOS via β 2GPI and apoER2. <i>Journal of Clinical Investigation</i> , 2011, 121, 120-131.	8.2	165
13	The Cholesterol Metabolite 27-Hydroxycholesterol Promotes Atherosclerosis via Proinflammatory Processes Mediated by Estrogen Receptor Alpha. <i>Cell Metabolism</i> , 2014, 20, 172-182.	16.2	147
14	Direct Interactions with $\text{G}\beta\text{i}$ and $\text{G}\beta\text{3}$ Mediate Nongenomic Signaling by Estrogen Receptor α . <i>Molecular Endocrinology</i> , 2007, 21, 1370-1380.	3.7	135
15	Cholesterol binding, efflux, and a PDZ-interacting domain of scavenger receptor β 1 mediate HDL-initiated signaling. <i>Journal of Clinical Investigation</i> , 2005, 115, 969-977.	8.2	135
16	The Scavenger Receptor Class B Type I Adaptor Protein PDZK1 Maintains Endothelial Monolayer Integrity. <i>Circulation Research</i> , 2008, 102, 480-487.	4.5	108
17	HDL Stimulation of Endothelial Nitric Oxide Synthase A Novel Mechanism of HDL Action. <i>Trends in Cardiovascular Medicine</i> , 2003, 13, 226-231.	4.9	100
18	Fc γ RIIB Mediates C-Reactive Protein Inhibition of Endothelial NO Synthase. <i>Circulation Research</i> , 2005, 97, 1124-1131.	4.5	99

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19	Lipoprotein receptor signalling in atherosclerosis. <i>Cardiovascular Research</i> , 2020, 116, 1254-1274.	3.8	88
20	Signaling by the High-Affinity HDL Receptor Scavenger Receptor B Type I. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 144-150.	2.4	85
21	Hyposialylated IgG activates endothelial IgG receptor Fc β RIIB to promote obesity-induced insulin resistance. <i>Journal of Clinical Investigation</i> , 2017, 128, 309-322.	8.2	82
22	Potocytosis. <i>Histochemistry and Cell Biology</i> , 2001, 116, 109-118.	1.7	78
23	Cholesterol binding, efflux, and a PDZ-interacting domain of scavenger receptor β 1 mediate HDL-initiated signaling. <i>Journal of Clinical Investigation</i> , 2005, 115, 969-977.	8.2	77
24	Regulation of eNOS in Caveolae. <i>Advances in Experimental Medicine and Biology</i> , 2012, 729, 51-62.	1.6	75
25	Regulation of signal transduction by HDL. <i>Journal of Lipid Research</i> , 2013, 54, 2315-2324.	4.2	75
26	Scavenger Receptor Class B Type I Is a Plasma Membrane Cholesterol Sensor. <i>Circulation Research</i> , 2013, 112, 140-151.	4.5	72
27	C-Reactive Protein Downregulates Endothelial NO Synthase and Attenuates Reendothelialization In Vivo in Mice. <i>Circulation Research</i> , 2007, 100, 1452-1459.	4.5	65
28	Functions of scavenger receptor class B, type I in atherosclerosis. <i>Current Opinion in Lipidology</i> , 2012, 23, 487-493.	2.7	62
29	Role of High-Density Lipoprotein and Scavenger Receptor B Type I in the Promotion of Endothelial Repair. <i>Trends in Cardiovascular Medicine</i> , 2007, 17, 156-161.	4.9	57
30	ApoE Receptor 2 Mediation of Trophoblast Dysfunction and Pregnancy Complications Induced by Antiphospholipid Antibodies in Mice. <i>Arthritis and Rheumatology</i> , 2016, 68, 730-739.	5.6	56
31	Super-resolution Ultrasound Imaging of Skeletal Muscle Microvascular Dysfunction in an Animal Model of Type 2 Diabetes. <i>Journal of Ultrasound in Medicine</i> , 2019, 38, 2589-2599.	1.7	53
32	Antiphospholipid antibodies induce thrombosis by PP2A activation via apoER2-Dab2-SHC1 complex formation in endothelium. <i>Blood</i> , 2018, 131, 2097-2110.	1.4	50
33	Recent insights into non-nuclear actions of estrogen receptor alpha. <i>Steroids</i> , 2014, 81, 64-69.	1.8	49
34	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.	7.1	49
35	Fc β Receptors and Ligands and Cardiovascular Disease. <i>Circulation Research</i> , 2015, 116, 368-384.	4.5	49
36	Loss of Reelin protects against atherosclerosis by reducing leukocyte β endothelial cell adhesion and lesion macrophage accumulation. <i>Science Signaling</i> , 2016, 9, ra29.	3.6	46

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37	HDL action on the vascular wall: is the answer NO?. Journal of Clinical Investigation, 2004, 113, 509-513.	8.2	45
38	Circulating cardiovascular disease risk factors and signaling in endothelial cell caveolae. Cardiovascular Research, 2006, 70, 31-41.	3.8	43
39	C-Reactive Protein Inhibits Insulin Activation of Endothelial Nitric Oxide Synthase via the Immunoreceptor Tyrosine-Based Inhibition Motif of Fc β RIIB and SHIP-1. Circulation Research, 2009, 104, 1275-1282.	4.5	43
40	Supplementation With the Sialic Acid Precursor N-Acetyl-D-Mannosamine Breaks the Link Between Obesity and Hypertension. Circulation, 2019, 140, 2005-2018.	1.6	39
41	Bazedoxifene and conjugated estrogen prevent diet-induced obesity, hepatic steatosis, and type 2 diabetes in mice without impacting the reproductive tract. American Journal of Physiology - Endocrinology and Metabolism, 2014, 307, E345-E354.	3.5	37
42	Inhibition of Nitric Oxide and Antiphospholipid Antibody-Mediated Thrombosis. Current Rheumatology Reports, 2013, 15, 324.	4.7	33
43	Rasip1 is essential to blood vessel stability and angiogenic blood vessel growth. Angiogenesis, 2016, 19, 173-190.	7.2	30
44	Nonnuclear Estrogen Receptor Activation Improves Hepatic Steatosis in Female Mice. Endocrinology, 2016, 157, 3731-3741.	2.8	30
45	Coupling of Fc β Receptor I to Fc β Receptor IIB by Src Kinase Mediates C-Reactive Protein Impairment of Endothelial Function. Circulation Research, 2011, 109, 1132-1140.	4.5	27
46	New Insights in the Pathophysiology of Antiphospholipid Syndrome. Seminars in Thrombosis and Hemostasis, 2018, 44, 475-482.	2.7	26
47	PON-dering differences in HDL function in coronary artery disease. Journal of Clinical Investigation, 2011, 121, 2545-2548.	8.2	26
48	Identification of a Monoclonal Antibody That Attenuates Antiphospholipid Syndrome-Related Pregnancy Complications and Thrombosis. PLoS ONE, 2016, 11, e0158757.	2.5	25
49	Selective Nonnuclear Estrogen Receptor Activation Decreases Stroke Severity and Promotes Functional Recovery in Female Mice. Endocrinology, 2018, 159, 3848-3859.	2.8	25
50	IgG Receptor Fc β RIIB Plays a Key Role in Obesity-Induced Hypertension. Hypertension, 2015, 65, 456-462.	2.7	24
51	Endothelial Fc β Receptor IIB Activation Blunts Insulin Delivery to Skeletal Muscle to Cause Insulin Resistance in Mice. Diabetes, 2016, 65, 1996-2005.	0.6	20
52	New insights into the molecular basis of the antiphospholipid syndrome. Drug Discovery Today Disease Mechanisms, 2011, 8, e47-e52.	0.8	16
53	Cholesterol trafficking and raft-like membrane domain composition mediate scavenger receptor class B type 1-dependent lipid sensing in intestinal epithelial cells. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2018, 1863, 199-211.	2.4	15
54	HDL action on the vascular wall: is the answer NO?. Journal of Clinical Investigation, 2004, 113, 509-513.	8.2	15

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55	Antiphospholipid Antibodies Attenuate Endothelial Repair and Promote Neointima Formation in Mice. <i>Journal of the American Heart Association</i> , 2014, 3, e001369.	3.7	14
56	Reelin depletion protects against autoimmune encephalomyelitis by decreasing vascular adhesion of leukocytes. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	14
57	Reelin Depletion Protects Against Atherosclerosis by Decreasing Vascular Adhesion of Leukocytes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 1309-1318.	2.4	14
58	Novel Functions of Endothelial Scavenger Receptor Class B Type I. <i>Current Atherosclerosis Reports</i> , 2021, 23, 6.	4.8	10
59	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.	4.5	10
60	Apolipoprotein E receptor 2 deficiency decreases endothelial adhesion of monocytes and protects against autoimmune encephalomyelitis. <i>Science Immunology</i> , 2021, 6, .	11.9	8
61	Multiscale and morphological analysis of microvascular patterns depicted in contrast-enhanced ultrasound images. <i>Journal of Medical Imaging</i> , 2020, 7, 1.	1.5	8
62	27-Hydroxycholesterol Binds GPER and Induces Progression of Estrogen Receptor-Negative Breast Cancer. <i>Cancers</i> , 2022, 14, 1521.	3.7	7
63	Mechanisms of Antiphospholipid Antibody-Mediated Pregnancy Morbidity. , 2017, , 117-143.		3
64	PDZK1 Prevents Neointima Formation via Suppression of Breakpoint Cluster Region Kinase in Vascular Smooth Muscle. <i>PLoS ONE</i> , 2015, 10, e0124494.	2.5	2
65	Super-resolution ultrasound imaging of the microvasculature in skeletal muscle: A new tool in diabetes research. , 2017, , .		1
66	Abstract 98: Antiphospholipid Antibodies Induce Thrombosis by Activating Endothelial PP2A via ApoER2-Dab2-PSD95 Complex Formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, .	2.4	0
67	Abstract 16: BcrKinase is a Novel Akt Kinase That Modulates Scavenger Receptor BI- and PDZK1-dependent Actions of HDL in Endothelium. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, .	2.4	0