

# 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	27-Hydroxycholesterol Binds GPER and Induces Progression of Estrogen Receptor-Negative Breast Cancer. <i>Cancers</i> , 2022, 14, 1521.	3.7	7
2	Novel Functions of Endothelial Scavenger Receptor Class B Type I. <i>Current Atherosclerosis Reports</i> , 2021, 23, 6.	4.8	10
3	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
4	Apolipoprotein E receptor 2 deficiency decreases endothelial adhesion of monocytes and protects against autoimmune encephalomyelitis. <i>Science Immunology</i> , 2021, 6, .	11.9	8
5	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
6	Lipoprotein receptor signalling in atherosclerosis. <i>Cardiovascular Research</i> , 2020, 116, 1254-1274.	3.8	88
7	Reelin depletion protects against autoimmune encephalomyelitis by decreasing vascular adhesion of leukocytes. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	14
8	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
9	Supplementation With the Sialic Acid Precursor N-Acetyl-D-Mannosamine Breaks the Link Between Obesity and Hypertension. <i>Circulation</i> , 2019, 140, 2005-2018.	1.6	39
10	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
11	SR-B1 drives endothelial cell LDL transcytosis via DOCK4 to promote atherosclerosis. <i>Nature</i> , 2019, 569, 565-569.	27.8	208
12	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
13	New Insights in the Pathophysiology of Antiphospholipid Syndrome. <i>Seminars in Thrombosis and Hemostasis</i> , 2018, 44, 475-482.	2.7	26
14	Cholesterol trafficking and raft-like membrane domain composition mediate scavenger receptor class B type 1-dependent lipid sensing in intestinal epithelial cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2018, 1863, 199-211.	2.4	15
15	Selective Nonnuclear Estrogen Receptor Activation Decreases Stroke Severity and Promotes Functional Recovery in Female Mice. <i>Endocrinology</i> , 2018, 159, 3848-3859.	2.8	25
16	Mechanisms of Antiphospholipid Antibody-Mediated Pregnancy Morbidity. , 2017, , 117-143.		3
17	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
18	Super-resolution ultrasound imaging of the microvasculature in skeletal muscle: A new tool in diabetes research. , 2017, , .		1

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19	Hyposialylated IgG activates endothelial IgG receptor Fc $\gamma$ RIIB to promote obesity-induced insulin resistance. <i>Journal of Clinical Investigation</i> , 2017, 128, 309-322.	8.2	82
20	Identification of a Monoclonal Antibody That Attenuates Antiphospholipid Syndrome-Related Pregnancy Complications and Thrombosis. <i>PLoS ONE</i> , 2016, 11, e0158757.	2.5	25
21	Endothelial Fc $\gamma$ Receptor IIB Activation Blunts Insulin Delivery to Skeletal Muscle to Cause Insulin Resistance in Mice. <i>Diabetes</i> , 2016, 65, 1996-2005.	0.6	20
22	Rasip1 is essential to blood vessel stability and angiogenic blood vessel growth. <i>Angiogenesis</i> , 2016, 19, 173-190.	7.2	30
23	Nonnuclear Estrogen Receptor Activation Improves Hepatic Steatosis in Female Mice. <i>Endocrinology</i> , 2016, 157, 3731-3741.	2.8	30
24	Loss of Reelin protects against atherosclerosis by reducing leukocyte $\rightarrow$ endothelial cell adhesion and lesion macrophage accumulation. <i>Science Signaling</i> , 2016, 9, ra29.	3.6	46
25	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
26	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
27	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
28	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
29	IgG Receptor Fc $\gamma$ RIIB Plays a Key Role in Obesity-Induced Hypertension. <i>Hypertension</i> , 2015, 65, 456-462.	2.7	24
30	Fc $\gamma$ Receptors and Ligands and Cardiovascular Disease. <i>Circulation Research</i> , 2015, 116, 368-384.	4.5	49
31	Bazedoxifene and conjugated estrogen prevent diet-induced obesity, hepatic steatosis, and type 2 diabetes in mice without impacting the reproductive tract. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 307, E345-E354.	3.5	37
32	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
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	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
36	27-Hydroxycholesterol Promotes Cell-Autonomous, ER-Positive Breast Cancer Growth. <i>Cell Reports</i> , 2013, 5, 637-645.	6.4	289

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37	Inhibition of Nitric Oxide and Antiphospholipid Antibody-Mediated Thrombosis. <i>Current Rheumatology Reports</i> , 2013, 15, 324.	4.7	33
38	Scavenger Receptor Class B Type I Is a Plasma Membrane Cholesterol Sensor. <i>Circulation Research</i> , 2013, 112, 140-151.	4.5	72
39	Regulation of signal transduction by HDL. <i>Journal of Lipid Research</i> , 2013, 54, 2315-2324.	4.2	75
40	Functions of scavenger receptor class B, type I in atherosclerosis. <i>Current Opinion in Lipidology</i> , 2012, 23, 487-493.	2.7	62
41	Regulation of eNOS in Caveolae. <i>Advances in Experimental Medicine and Biology</i> , 2012, 729, 51-62.	1.6	75
42	Novel Biological Functions of High-Density Lipoprotein Cholesterol. <i>Circulation Research</i> , 2012, 111, 1079-1090.	4.5	170
43	New insights into the molecular basis of the antiphospholipid syndrome. <i>Drug Discovery Today Disease Mechanisms</i> , 2011, 8, e47-e52.	0.8	16
44	Coupling of Fc $\gamma$ 3 Receptor I to Fc $\gamma$ 3 Receptor IIB by Src Kinase Mediates C-Reactive Protein Impairment of Endothelial Function. <i>Circulation Research</i> , 2011, 109, 1132-1140.	4.5	27
45	Antiphospholipid antibodies promote leukocyte-endothelial cell adhesion and thrombosis in mice by antagonizing eNOS via $\beta$ 2GPI and apoER2. <i>Journal of Clinical Investigation</i> , 2011, 121, 120-131.	8.2	165
46	PON-dering differences in HDL function in coronary artery disease. <i>Journal of Clinical Investigation</i> , 2011, 121, 2545-2548.	8.2	26
47	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
48	Non-nuclear estrogen receptor $\beta$ 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
49	C-Reactive Protein Inhibits Insulin Activation of Endothelial Nitric Oxide Synthase via the Immunoreceptor Tyrosine-Based Inhibition Motif of Fc $\gamma$ 3RIIB and SHIP-1. <i>Circulation Research</i> , 2009, 104, 1275-1282.	4.5	43
50	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
51	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
52	Direct Interactions with G $\beta$ i and G $\beta$ 13 Mediate Nongenomic Signaling by Estrogen Receptor $\beta$ . <i>Molecular Endocrinology</i> , 2007, 21, 1370-1380.	3.7	135
53	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
54	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

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55	Circulating cardiovascular disease risk factors and signaling in endothelial cell caveolae. <i>Cardiovascular Research</i> , 2006, 70, 31-41.	3.8	43
56	Endothelial and Antithrombotic Actions of HDL. <i>Circulation Research</i> , 2006, 98, 1352-1364.	4.5	552
57	Fc $\gamma$ RIIB Mediates C-Reactive Protein Inhibition of Endothelial NO Synthase. <i>Circulation Research</i> , 2005, 97, 1124-1131.	4.5	99
58	Cholesterol binding, efflux, and a PDZ-interacting domain of scavenger receptor $\beta$ 1 mediate HDL-initiated signaling. <i>Journal of Clinical Investigation</i> , 2005, 115, 969-977.	8.2	77
59	Cholesterol binding, efflux, and a PDZ-interacting domain of scavenger receptor $\beta$ 1 mediate HDL-initiated signaling. <i>Journal of Clinical Investigation</i> , 2005, 115, 969-977.	8.2	135
60	HDL action on the vascular wall: is the answer NO?. <i>Journal of Clinical Investigation</i> , 2004, 113, 509-513.	8.2	45
61	HDL action on the vascular wall: is the answer NO?. <i>Journal of Clinical Investigation</i> , 2004, 113, 509-513.	8.2	15
62	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
63	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
64	Potocytosis. <i>Histochemistry and Cell Biology</i> , 2001, 116, 109-118.	1.7	78
65	Plasma Membrane Estrogen Receptors Are Coupled to Endothelial Nitric-oxide Synthase through $\text{G}\beta$ 1. <i>Journal of Biological Chemistry</i> , 2001, 276, 27071-27076.	3.4	258
66	Estrogen Receptor $\beta$ 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
67	Targeting of Protein Kinase $\text{C}\beta$ to Caveolae. <i>Journal of Cell Biology</i> , 1998, 141, 601-610.	5.2	171