Ira A Tabas

List of Publications by Year
in descending order

199 papers	41,688 citations	1704 104 h-index	2828 191 g-index
202 all docs	202 docs citations	202 times ranked	46350 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
2	Integrating the mechanisms of apoptosis induced by endoplasmic reticulum stress. Nature Cell Biology, 2011, 13, 184-190.	10.3	2,171
3	Macrophages in the Pathogenesis of Atherosclerosis. Cell, 2011, 145, 341-355.	28.9	2,122
4	The Response-to-Retention Hypothesis of Early Atherogenesis. Arteriosclerosis, Thrombosis, and Vascular Biology, 1995, 15, 551-561.	2.4	1,202
5	Subendothelial Lipoprotein Retention as the Initiating Process in Atherosclerosis. Circulation, 2007, 116, 1832-1844.	1.6	1,123
6	Role of cholesterol and lipid organization in disease. Nature, 2005, 438, 612-621.	27.8	1,102
7	Macrophage death and defective inflammation resolution in atherosclerosis. Nature Reviews Immunology, 2010, 10, 36-46.	22.7	930
8	Anti-Inflammatory Therapy in Chronic Disease: Challenges and Opportunities. Science, 2013, 339, 166-172.	12.6	905
9	Recent insights into the cellular biology of atherosclerosis. Journal of Cell Biology, 2015, 209, 13-22.	5.2	798
10	The endoplasmic reticulum is the site of cholesterol-induced cytotoxicity in macrophages. Nature Cell Biology, 2003, 5, 781-792.	10.3	780
11	Macrophage Phenotype and Function in Different Stages of Atherosclerosis. Circulation Research, 2016, 118, 653-667.	4.5	760
12	Inflammation and its resolution in atherosclerosis: mediators and therapeutic opportunities. Nature Reviews Cardiology, 2019, 16, 389-406.	13.7	684
13	Insulin Resistance, Hyperglycemia, and Atherosclerosis. Cell Metabolism, 2011, 14, 575-585.	16.2	619
14	Autophagy Regulates Cholesterol Efflux from Macrophage Foam Cells via Lysosomal Acid Lipase. Cell Metabolism, 2011, 13, 655-667.	16.2	611
15	Consequences and Therapeutic Implications of Macrophage Apoptosis in Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 2255-2264.	2.4	587
16	Macrophage Autophagy Plays a Protective Role in Advanced Atherosclerosis. Cell Metabolism, 2012, 15, 545-553.	16.2	529
17	Role of ERO1-Î±â€“mediated stimulation of inositol 1,4,5-triphosphate receptor activity in endoplasmic reticulum stressâ€“induced apoptosis. Journal of Cell Biology, 2009, 186, 783-792.	5.2	499
18	Consequences of cellular cholesterol accumulation: basic concepts and physiological implications. Journal of Clinical Investigation, 2002, 110, 905-911.	8.2	485

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19	Monocyte-Macrophages and T Cells in Atherosclerosis. Immunity, 2017, 47, 621-634.	14.3	462
20	Efferocytosis in health and disease. Nature Reviews Immunology, 2020, 20, 254-267.	22.7	461
21	Inflammation and its Resolution as Determinants of Acute Coronary Syndromes. Circulation Research, 2014, 114, 1867-1879.	4.5	424
22	The Role of Endoplasmic Reticulum Stress in the Progression of Atherosclerosis. Circulation Research, 2010, 107, 839-850.	4.5	408
23	Atherogenic Lipids and Lipoproteins Trigger CD36-TLR2-Dependent Apoptosis in Macrophages Undergoing Endoplasmic Reticulum Stress. Cell Metabolism, 2010, 12, 467-482.	16.2	397
24	Free Cholesterol-loaded Macrophages Are an Abundant Source of Tumor Necrosis Factor-Î± and Interleukin-6. Journal of Biological Chemistry, 2005, 280, 21763-21772.	3.4	381
25	Role of Endoplasmic Reticulum Stress in Metabolic Disease and Other Disorders. Annual Review of Medicine, 2012, 63, 317-328.	12.2	374
26	Calcium/calmodulin-dependent protein kinase II links ER stress with Fas and mitochondrial apoptosis pathways. Journal of Clinical Investigation, 2009, 119, 2925-2941.	8.2	367
27	Mechanisms of Fibrosis Development in Nonalcoholic Steatohepatitis. Gastroenterology, 2020, 158, 1913-1928.	1.3	346
28	Mechanisms and consequences of macrophage apoptosis in atherosclerosis. Journal of Lipid Research, 2009, 50, S382-S387.	4.2	322
29	An imbalance between specialized pro-resolving lipid mediators and pro-inflammatory leukotrienes promotes instability of atherosclerotic plaques. Nature Communications, 2016, 7, 12859.	12.8	320
30	Consequences of cellular cholesterol accumulation: basic concepts and physiological implications. Journal of Clinical Investigation, 2002, 110, 905-911.	8.2	319
31	Cholesterol Distribution in Living Cells: Fluorescence Imaging Using Dehydroergosterol as a Fluorescent Cholesterol Analog. Biophysical Journal, 1998, 75, 1915-1925.	0.5	311
32	Cholesterol-induced macrophage apoptosis requires ER stress pathways and engagement of the type A scavenger receptor. Journal of Cell Biology, 2005, 171, 61-73.	5.2	311
33	The responseâ€toâ€retention hypothesis of atherogenesis reinforced. Current Opinion in Lipidology, 1998, 9, 471-474.	2.7	310
34	Reduced Apoptosis and Plaque Necrosis in Advanced Atherosclerotic Lesions of Apoeâˆ'/âˆ' and Ldlrâˆ'/âˆ' Mice Lacking CHOP. Cell Metabolism, 2009, 9, 474-481.	16.2	303
35	Exocytosis of acid sphingomyelinase by wounded cells promotes endocytosis and plasma membrane repair. Journal of Cell Biology, 2010, 189, 1027-1038.	5.2	301
36	Mertk Receptor Mutation Reduces Efferocytosis Efficiency and Promotes Apoptotic Cell Accumulation and Plaque Necrosis in Atherosclerotic Lesions of<i>Apoe</i>^{âˆ'/âˆ'}Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 1421-1428.	2.4	300

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37	Secretory Sphingomyelinase, a Product of the Acid Sphingomyelinase Gene, Can Hydrolyze Atherogenic Lipoproteins at Neutral pH. Journal of Biological Chemistry, 1998, 273, 2738-2746.	3.4	291
38	Hepatocyte TAZ/WWTR1 Promotes Inflammation and Fibrosis in Nonalcoholic Steatohepatitis. Cell Metabolism, 2016, 24, 848-862.	16.2	279
39	Regulatory T Cells Promote Macrophage Efferocytosis during Inflammation Resolution. Immunity, 2018, 49, 666-677.e6.	14.3	270
40	Targeted nanoparticles containing the proresolving peptide Ac2-26 protect against advanced atherosclerosis in hypercholesterolemic mice. Science Translational Medicine, 2015, 7, 275ra20.	12.4	269
41	NADPH oxidase links endoplasmic reticulum stress, oxidative stress, and PKR activation to induce apoptosis. Journal of Cell Biology, 2010, 191, 1113-1125.	5.2	268
42	Zn2+-stimulated Sphingomyelinase Is Secreted by Many Cell Types and Is a Product of the Acid Sphingomyelinase Gene. Journal of Biological Chemistry, 1996, 271, 18431-18436.	3.4	257
43	Macrophage insulin receptor deficiency increases ER stress-induced apoptosis and necrotic core formation in advanced atherosclerotic lesions. Cell Metabolism, 2006, 3, 257-266.	16.2	256
44	Mitochondrial Fission Promotes the Continued Clearance of Apoptotic Cells by Macrophages. Cell, 2017, 171, 331-345.e22.	28.9	249
45	Enrichment of Endoplasmic Reticulum with Cholesterol Inhibits Sarcoplasmic-Endoplasmic Reticulum Calcium ATPase-2b Activity in Parallel with Increased Order of Membrane Lipids. Journal of Biological Chemistry, 2004, 279, 37030-37039.	3.4	244
46	Adaptive suppression of the ATF4â€“CHOP branch of the unfolded protein response by toll-like receptor signalling. Nature Cell Biology, 2009, 11, 1473-1480.	10.3	241
47	Human Vascular Endothelial Cells Are a Rich and Regulatable Source of Secretory Sphingomyelinase. Journal of Biological Chemistry, 1998, 273, 4081-4088.	3.4	236
48	Macrophage Metabolism of Apoptotic Cell-Derived Arginine Promotes Continual Efferocytosis and Resolution of Injury. Cell Metabolism, 2020, 31, 518-533.e10.	16.2	235
49	Shedding of the Mer Tyrosine Kinase Receptor Is Mediated by ADAM17 Protein through a Pathway Involving Reactive Oxygen Species, Protein Kinase CÎ´, and p38 Mitogen-activated Protein Kinase (MAPK). Journal of Biological Chemistry, 2011, 286, 33335-33344.	3.4	228
50	Interleukin 8 Is Induced by Cholesterol Loading of Macrophages and Expressed by Macrophage Foam Cells in Human Atheroma. Journal of Biological Chemistry, 1996, 271, 8837-8842.	3.4	221
51	The Cellular Trafficking and Zinc Dependence of Secretory and Lysosomal Sphingomyelinase, Two Products of the Acid Sphingomyelinase Gene. Journal of Biological Chemistry, 1998, 273, 18250-18259.	3.4	219
52	Loss of SR-A and CD36 Activity Reduces Atherosclerotic Lesion Complexity Without Abrogating Foam Cell Formation in Hyperlipidemic Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 19-26.	2.4	216
53	Macrophage Mitochondrial Oxidative Stress Promotes Atherosclerosis and Nuclear Factor-Î°Bâ€“Mediated Inflammation in Macrophages. Circulation Research, 2014, 114, 421-433.	4.5	209
54	Hepatocyte-secreted DPP4 in obesity promotes adipose inflammation and insulin resistance. Nature, 2018, 555, 673-677.	27.8	209

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55	Sphingomyelinase Treatment Induces ATP-independent Endocytosis. Journal of Cell Biology, 1998, 140, 39-47.	5.2	196
56	Mechanisms and Consequences of Defective Efferocytosis in Atherosclerosis. Frontiers in Cardiovascular Medicine, 2017, 4, 86.	2.4	193
57	Increased CD36 protein as a response to defective insulin signaling in macrophages. Journal of Clinical Investigation, 2004, 113, 764-773.	8.2	191
58	The role of non-resolving inflammation in atherosclerosis. Journal of Clinical Investigation, 2018, 128, 2713-2723.	8.2	189
59	Development and in vivo efficacy of targeted polymeric inflammation-resolving nanoparticles. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 6506-6511.	7.1	184
60	Calcium Signaling through CaMKII Regulates Hepatic Glucose Production in Fasting and Obesity. Cell Metabolism, 2012, 15, 739-751.	16.2	181
61	Mechanisms and consequences of efferocytosis in advanced atherosclerosis. Journal of Leukocyte Biology, 2009, 86, 1089-1095.	3.3	177
62	Extracellular Nampt Promotes Macrophage Survival via a Nonenzymatic Interleukin-6/STAT3 Signaling Mechanism. Journal of Biological Chemistry, 2008, 283, 34833-34843.	3.4	174
63	Macrophage Inflammation, Erythrophagocytosis, and Accelerated Atherosclerosis in <i>Jak2</i> ^{<i>V617F</i>} Mice. Circulation Research, 2018, 123, e35-e47.	4.5	173
64	Macrophage-targeted nanomedicine for the diagnosis and treatment of atherosclerosis. Nature Reviews Cardiology, 2022, 19, 228-249.	13.7	171
65	Targeted Interleukin-10 Nanotherapeutics Developed with a Microfluidic Chip Enhance Resolution of Inflammation in Advanced Atherosclerosis. ACS Nano, 2016, 10, 5280-5292.	14.6	170
66	Free Cholesterol Loading of Macrophages Is Associated with Widespread Mitochondrial Dysfunction and Activation of the Mitochondrial Apoptosis Pathway. Journal of Biological Chemistry, 2001, 276, 42468-42476.	3.4	169
67	Inositol-1,4,5-trisphosphate receptor regulates hepatic gluconeogenesis in fasting and diabetes. Nature, 2012, 485, 128-132.	27.8	169
68	MerTK cleavage limits proresolving mediator biosynthesis and exacerbates tissue inflammation. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 6526-6531.	7.1	167
69	Resolvin D1 limits 5-lipoxygenase nuclear localization and leukotriene B ₄ synthesis by inhibiting a calcium-activated kinase pathway. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 14530-14535.	7.1	164
70	Free Cholesterol Loading of Macrophages Induces Apoptosis Involving the Fas Pathway. Journal of Biological Chemistry, 2000, 275, 23807-23813.	3.4	163
71	Mechanisms of ER Stress-Induced Apoptosis in Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 2792-2797.	2.4	163
72	Combinatorial pattern recognition receptor signaling alters the balance of life and death in macrophages. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 19794-19799.	7.1	162

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73	ABCA1 and ABCG1 Protect Against Oxidative Stressâ€“Induced Macrophage Apoptosis During Efferocytosis. Circulation Research, 2010, 106, 1861-1869.	4.5	160
74	microRNA-33 Regulates Macrophage Autophagy in Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 1058-1067.	2.4	158
75	MerTK receptor cleavage promotes plaque necrosis and defective resolution in atherosclerosis. Journal of Clinical Investigation, 2017, 127, 564-568.	8.2	158
76	Free Cholesterol Accumulation in Macrophage Membranes Activates Toll-Like Receptors and p38 Mitogen-Activated Protein Kinase and Induces Cathepsin K. Circulation Research, 2009, 104, 455-465.	4.5	157
77	FoxOs Integrate Pleiotropic Actions of Insulin in Vascular Endothelium to Protect Mice from Atherosclerosis. Cell Metabolism, 2012, 15, 372-381.	16.2	155
78	Preferential ATP-binding Cassette Transporter A1-mediated Cholesterol Efflux from Late Endosomes/Lysosomes. Journal of Biological Chemistry, 2001, 276, 43564-43569.	3.4	154
79	Targeted Deletion of Hepatic CTP:phosphocholine Cytidylyltransferase Î± in Mice Decreases Plasma High Density and Very Low Density Lipoproteins. Journal of Biological Chemistry, 2004, 279, 47402-47410.	3.4	154
80	The neutrophilâ€“lymphocyte ratio and incident atherosclerotic events: analyses from five contemporary randomized trials. European Heart Journal, 2021, 42, 896-903.	2.2	152
81	Hepatocyte Notch activation induces liver fibrosis in nonalcoholic steatohepatitis. Science Translational Medicine, 2018, 10, .	12.4	151
82	Macrophage Apoptosis in Atherosclerosis: Consequences on Plaque Progression and the Role of Endoplasmic Reticulum Stress. Antioxidants and Redox Signaling, 2009, 11, 2333-2339.	5.4	147
83	Boosting Inflammation Resolution in Atherosclerosis. American Journal of Pathology, 2017, 187, 1211-1221.	3.8	147
84	MerTK Cleavage on Resident Cardiac Macrophages Compromises Repair After Myocardial Ischemia Reperfusion Injury. Circulation Research, 2017, 121, 930-940.	4.5	144
85	Macrophage MerTK Promotes Liver Fibrosis in Nonalcoholic Steatohepatitis. Cell Metabolism, 2020, 31, 406-421.e7.	16.2	141
86	Cholesterol in health and disease. Journal of Clinical Investigation, 2002, 110, 583-590.	8.2	140
87	Macrophage Trafficking, Inflammatory Resolution, and Genomics in Atherosclerosis. Journal of the American College of Cardiology, 2018, 72, 2181-2197.	2.8	139
88	Acid Sphingomyelinase Promotes Lipoprotein Retention Within Early Atheromata and Accelerates Lesion Progression. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 1723-1730.	2.4	137
89	Genetic alterations of IL-1 receptor antagonist in mice affect plasma cholesterol level and foam cell lesion size. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 6280-6285.	7.1	135
90	Niemann-Pick C heterozygosity confers resistance to lesional necrosis and macrophage apoptosis in murine atherosclerosis. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 10423-10428.	7.1	135

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91	Treg-mediated suppression of atherosclerosis requires MYD88 signaling in DCs. Journal of Clinical Investigation, 2013, 123, 179-188.	8.2	134
92	ABCA1-mediated Cholesterol Efflux Is Defective in Free Cholesterol-loaded Macrophages. Journal of Biological Chemistry, 2002, 277, 43271-43280.	3.4	132
93	siRNA nanoparticles targeting CaMKIIÎ³ in lesional macrophages improve atherosclerotic plaque stability in mice. Science Translational Medicine, 2020, 12, .	12.4	132
94	Macrophage deficiency of p38Î± MAPK promotes apoptosis and plaque necrosis in advanced atherosclerotic lesions in mice. Journal of Clinical Investigation, 2009, 119, 886-98.	8.2	130
95	Signal Transducer and Activator of Transcription-1 Is Critical for Apoptosis in Macrophages Subjected to Endoplasmic Reticulum Stress In Vitro and in Advanced Atherosclerotic Lesions In Vivo. Circulation, 2008, 117, 940-951.	1.6	128
96	Defective Phagocytosis of Apoptotic Cells by Macrophages in Atherosclerotic Lesions of ob/ob Mice and Reversal by a Fish Oil Diet. Circulation Research, 2009, 105, 1072-1082.	4.5	128
97	Induction of ER Stress in Macrophages of Tuberculosis Granulomas. PLoS ONE, 2010, 5, e12772.	2.5	127
98	Efficient Phagocytosis Requires Triacylglycerol Hydrolysis by Adipose Triglyceride Lipase. Journal of Biological Chemistry, 2010, 285, 20192-20201.	3.4	126
99	NONOXIDATIVE MODIFICATIONS OF LIPOPROTEINS IN ATHEROGENESIS. Annual Review of Nutrition, 1999, 19, 123-139.	10.1	125
100	Lipoprotein Retentionâ€"and Clues for Atheroma Regression. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 1536-1540.	2.4	122
101	Plasma Sphingomyelin and Subclinical Atherosclerosis: Findings from the Multi-Ethnic Study of Atherosclerosis. American Journal of Epidemiology, 2006, 163, 903-912.	3.4	122
102	Toll-like receptor activation suppresses ER stress factor CHOP and translation inhibition through activation of eIF2B. Nature Cell Biology, 2012, 14, 192-200.	10.3	119
103	Cholesterol Stabilizes TAZ in Hepatocytes to Promote Experimental Non-alcoholic Steatohepatitis. Cell Metabolism, 2020, 31, 969-986.e7.	16.2	117
104	Intracellular and Intercellular Aspects of Macrophage Immunometabolism in Atherosclerosis. Circulation Research, 2020, 126, 1209-1227.	4.5	116
105	Sphingomyelinase, an Enzyme Implicated in Atherogenesis, Is Present in Atherosclerotic Lesions and Binds to Specific Components of the Subendothelial Extracellular Matrix. Arteriosclerosis, Thrombosis, and Vascular Biology, 1999, 19, 2648-2658.	2.4	115
106	Activation of Calcium/Calmodulin-Dependent Protein Kinase II in Obesity Mediates Suppression of Hepatic Insulin Signaling. Cell Metabolism, 2013, 18, 803-815.	16.2	113
107	The UPR in atherosclerosis. Seminars in Immunopathology, 2013, 35, 321-332.	6.1	111
108	Secretory sphingomyelinase. Chemistry and Physics of Lipids, 1999, 102, 123-130.	3.2	107

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109	Acid Sphingomyelinase-deficient Macrophages Have Defective Cholesterol Trafficking and Efflux. Journal of Biological Chemistry, 2001, 276, 44976-44983.	3.4	107
110	TNFÂ induces ABCA1 through NF-ÂB in macrophages and in phagocytes ingesting apoptotic cells. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 3112-3117.	7.1	103
111	Efferocytosis induces macrophage proliferation to help resolve tissue injury. Cell Metabolism, 2021, 33, 2445-2463.e8.	16.2	98
112	The Impact of Macrophage Insulin Resistance on Advanced Atherosclerotic Plaque Progression. Circulation Research, 2010, 106, 58-67.	4.5	97
113	MerTK signaling in macrophages promotes the synthesis of inflammation resolution mediators by suppressing CaMKII activity. Science Signaling, 2018, 11, .	3.6	97
114	Activation of ER stress and mTORC1 suppresses hepatic sortilin-1 levels in obese mice. Journal of Clinical Investigation, 2012, 122, 1677-1687.	8.2	96
115	Evidence That the Initial Up-regulation of Phosphatidylcholine Biosynthesis in Free Cholesterol-loaded Macrophages Is an Adaptive Response That Prevents Cholesterol-induced Cellular Necrosis. Journal of Biological Chemistry, 1996, 271, 22773-22781.	3.4	93
116	CD11c ⁺ Dendritic Cells Maintain Antigen Processing, Presentation Capabilities, and CD4 ⁺ T-Cell Priming Efficacy Under Hypercholesterolemic Conditions Associated With Atherosclerosis. Circulation Research, 2008, 103, 965-973.	4.5	93
117	An AXL/LRP-1/RANBP9 complex mediates DC efferocytosis and antigen cross-presentation in vivo. Journal of Clinical Investigation, 2014, 124, 1296-1308.	8.2	91
118	Brief Report: Increased Apoptosis in Advanced Atherosclerotic Lesions of <i>Apoe</i> ^{â^’/â^’} Mice Lacking Macrophage Bcl-2. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 169-172.	2.4	86
119	The role of macrophages and dendritic cells in the clearance of apoptotic cells in advanced atherosclerosis. European Journal of Immunology, 2011, 41, 2515-2518.	2.9	86
120	Macrophage Apoptosis in Advanced Atherosclerosis. Annals of the New York Academy of Sciences, 2009, 1173, E40-5.	3.8	83
121	Minimally Oxidized LDL Offsets the Apoptotic Effects of Extensively Oxidized LDL and Free Cholesterol in Macrophages. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 1169-1176.	2.4	81
122	CAMKIIÎ³ suppresses an efferocytosis pathway in macrophages and promotes atherosclerotic plaque necrosis. Journal of Clinical Investigation, 2017, 127, 4075-4089.	8.2	81
123	Cholesterol-induced Apoptotic Macrophages Elicit an Inflammatory Response in Phagocytes, Which Is Partially Attenuated by the Mer Receptor. Journal of Biological Chemistry, 2006, 281, 6707-6717.	3.4	79
124	Mitochondrial Oxidative Stress Promotes Atherosclerosis and Neutrophil Extracellular Traps in Aged Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, e99-e107.	2.4	79
125	Sitosterol-containing Lipoproteins Trigger Free Sterol-induced Caspase-independent Death in ACAT-competent Macrophages. Journal of Biological Chemistry, 2006, 281, 33635-33649.	3.4	77
126	Forkhead Transcription Factors (FoxOs) Promote Apoptosis of Insulin-Resistant Macrophages During Cholesterol-Induced Endoplasmic Reticulum Stress. Diabetes, 2008, 57, 2967-2976.	0.6	77

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127	Free Cholesterol-Induced Cytotoxicity. Trends in Cardiovascular Medicine, 1997, 7, 256-263.	4.9	76
128	Cholesterol in health and disease. Journal of Clinical Investigation, 2002, 110, 583-590.	8.2	76
129	Identification of a Non-Growth Factor Role for GM-CSF in Advanced Atherosclerosis. Circulation Research, 2015, 116, e13-24.	4.5	73
130	2016 Russell Ross Memorial Lecture in Vascular Biology. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 183-189.	2.4	73
131	Eradicating the Burden of Atherosclerotic Cardiovascular Disease by Lowering Apolipoprotein B Lipoproteins Earlier in Life. Journal of the American Heart Association, 2018, 7, e009778.	3.7	67
132	Interleukin-3/Granulocyte Macrophage Colonyâ€“Stimulating Factor Receptor Promotes Stem Cell Expansion, Monocytosis, and Atheroma Macrophage Burden in Mice With Hematopoietic <i>ApoE</i> Deficiency. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 976-984.	2.4	65
133	Apoptosis and Efferocytosis in Mouse Models of Atherosclerosis. Current Drug Targets, 2007, 8, 1288-1296.	2.1	64
134	LXR Suppresses Inflammatory Gene Expression and Neutrophil Migration through cis-Repression and Cholesterol Efflux. Cell Reports, 2018, 25, 3774-3785.e4.	6.4	64
135	HMGB1â€“C1q complexes regulate macrophage function by switching between leukotriene and specialized proresolving mediator biosynthesis. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 23254-23263.	7.1	64
136	Maladaptive regeneration â€” the reawakening of developmental pathways in NASH and fibrosis. Nature Reviews Gastroenterology and Hepatology, 2021, 18, 131-142.	17.8	64
137	Pivotal Advance: Macrophages become resistant to cholesterol-induced death after phagocytosis of apoptotic cells. Journal of Leukocyte Biology, 2007, 82, 1040-1050.	3.3	63
138	Macrophages Deficient in CTP:Phosphocholine Cytidylyltransferase-Î± Are Viable under Normal Culture Conditions but Are Highly Susceptible to Free Cholesterol-induced Death. Journal of Biological Chemistry, 2000, 275, 35368-35376.	3.4	59
139	Macrophages use apoptotic cell-derived methionine and DNMT3A during efferocytosis to promote tissue resolution. Nature Metabolism, 2022, 4, 444-457.	11.9	56
140	Sphingomyelinase Converts Lipoproteins From Apolipoprotein E Knockout Mice Into Potent Inducers of Macrophage Foam Cell Formation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2000, 20, 2607-2613.	2.4	54
141	The Uptake and Degradation of Matrix-bound Lipoproteins by Macrophages Require an Intact Actin Cytoskeleton, Rho Family GTPases, and Myosin ATPase Activity. Journal of Biological Chemistry, 2001, 276, 37649-37658.	3.4	54
142	Dendritic cells in atherosclerosis. Seminars in Immunopathology, 2014, 36, 93-102.	6.1	54
143	The stimulation of the cholesterol esterification pathway by atherogenic lipoproteins in macrophages. Current Opinion in Lipidology, 1995, 6, 260-268.	2.7	52
144	Synthesis of siRNA nanoparticles to silence plaque-destabilizing gene in atherosclerotic lesional macrophages. Nature Protocols, 2022, 17, 748-780.	12.0	52

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145	p53 and Atherosclerosis. Circulation Research, 2001, 88, 747-749.	4.5	51
146	Impaired MEK Signaling and SERCA Expression Promote ER Stress and Apoptosis in Insulin-Resistant Macrophages and Are Reversed by Exenatide Treatment. Diabetes, 2012, 61, 2609-2620.	0.6	51
147	Pioglitazone Increases Macrophage Apoptosis and Plaque Necrosis in Advanced Atherosclerotic Lesions of Nondiabetic Low-Density Lipoprotein Receptorâ€"Null Mice. Circulation, 2007, 116, 2182-2190.	1.6	50
148	Attenuated Free Cholesterol Loading-induced Apoptosis but Preserved Phospholipid Composition of Peritoneal Macrophages from Mice That Do Not Express Group VIA Phospholipase A2. Journal of Biological Chemistry, 2007, 282, 27100-27114.	3.4	50
149	C/EBP-Homologous Protein (CHOP) in Vascular Smooth Muscle Cells Regulates Their Proliferation in Aortic Explants and Atherosclerotic Lesions. Circulation Research, 2015, 116, 1736-1743.	4.5	49
150	Hepatocyte TLR4 triggers inter-hepatocyte Jagged1/Notch signaling to determine NASH-induced fibrosis. Science Translational Medicine, 2021, 13, .	12.4	49
151	Hepatocyte DACH1 Is Increased in Obesity via Nuclear Exclusion of HDAC4 and Promotes Hepatic Insulin Resistance. Cell Reports, 2016, 15, 2214-2225.	6.4	45
152	Macrophage AXL receptor tyrosine kinase inflames the heart after reperfused myocardial infarction. Journal of Clinical Investigation, 2021, 131, .	8.2	42
153	Hypercholesterolemia induces T cell expansion in humanized immune mice. Journal of Clinical Investigation, 2018, 128, 2370-2375.	8.2	40
154	A Solvent-Free Thermosponge Nanoparticle Platform for Efficient Delivery of Labile Proteins. Nano Letters, 2014, 14, 6449-6455.	9.1	36
155	A Therapeutic Silencing RNA Targeting Hepatocyte TAZ Prevents and Reverses Fibrosis in Nonalcoholic Steatohepatitis in Mice. Hepatology Communications, 2019, 3, 1221-1234.	4.3	36
156	ACAT Inhibition Reduces the Progression of Preexisting, Advanced Atherosclerotic Mouse Lesions Without Plaque or Systemic Toxicity. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 4-12.	2.4	34
157	TAM receptors in cardiovascular disease. Cardiovascular Research, 2019, 115, 1286-1295.	3.8	34
158	Pulling down the plug on atherosclerosis: Finding the culprit in your heart. Nature Medicine, 2011, 17, 791-793.	30.7	31
159	Treatment of Obese Insulin-Resistant Mice With an Allosteric MAPKAPK2/3 Inhibitor Lowers Blood Glucose and Improves Insulin Sensitivity. Diabetes, 2015, 64, 3396-3405.	0.6	31
160	Deficiency of macrophage PHACTR1 impairs efferocytosis and promotes atherosclerotic plaque necrosis. Journal of Clinical Investigation, 2021, 131, .	8.2	31
161	The Cytoplasmic Domain of the Low Density Lipoprotein (LDL) Receptor-related Protein, but Not That of the LDL Receptor, Triggers Phagocytosis. Journal of Biological Chemistry, 2003, 278, 44799-44807.	3.4	27
162	Accelerating the Pace of Atherosclerosis Research. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 11-12.	2.4	27

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164	Pivotal role of calcium/calmodulin-dependent protein kinase II in ER stress-induced apoptosis. Cell Cycle, 2010, 9, 223-224.	2.6	25
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