Edward A Fisher

List of Publications by Citations

216 papers	26,477 citations	77 h-index	162 g-index
229 ext. papers	30,956 ext. citations	10.4 avg, IF	6.87 L-index

#	Paper	IF	Citations
216	Macrophage activation and polarization: nomenclature and experimental guidelines. *Immunity*, **2014**, 41, 14-20	32.3	3249
215	Guidelines for the use and interpretation of assays for monitoring autophagy. *Autophagy*, **2012**, 8, 445-544	10.2	2783
214	Macrophages in atherosclerosis: a dynamic balance. *Nature Reviews Immunology*, **2013**, 13, 709-21	36.5	1409
213	MiR-33 contributes to the regulation of cholesterol homeostasis. *Science*, **2010**, 328, 1570-3	33.3	911
212	Triglyceride-rich lipoproteins and high-density lipoprotein cholesterol in patients at high risk of cardiovascular disease: evidence and guidance for management. *European Heart Journal*, **2011**, 32, 1345-61	9.5	793
211	The endoplasmic reticulum is the site of cholesterol-induced cytotoxicity in macrophages. *Nature Cell Biology*, **2003**, 5, 781-92	23.4	704
210	Inhibition of miR-33a/b in non-human primates raises plasma HDL and lowers VLDL triglycerides. *Nature*, **2011**, 478, 404-7	50.4	542
209	Antagonism of miR-33 in mice promotes reverse cholesterol transport and regression of atherosclerosis. *Journal of Clinical Investigation*, **2011**, 121, 2921-31	15.9	510
208	miR-33a/b contribute to the regulation of fatty acid metabolism and insulin signaling. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 9232-7	11.5	489
207	Emigration of monocyte-derived cells from atherosclerotic lesions characterizes regressive, but not progressive, plaques. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 11779-84	11.5	421
206	Atherosclerotic plaque composition: analysis with multicolor CT and targeted gold nanoparticles. *Radiology*, **2010**, 256, 774-82	20.5	361
205	Complexity in the secretory pathway: the assembly and secretion of apolipoprotein B-containing lipoproteins. *Journal of Biological Chemistry*, **2002**, 277, 17377-80	5.4	346
204	Hyperglycemia promotes myelopoiesis and impairs the resolution of atherosclerosis. *Cell Metabolism*, **2013**, 17, 695-708	24.6	340
203	Transdifferentiation of mouse aortic smooth muscle cells to a macrophage-like state after cholesterol loading. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 13531-6	11.5	336
202	Inflammation and its resolution as determinants of acute coronary syndromes. *Circulation Research*, **2014**, 114, 1867-79	15.7	322
201	Detecting and assessing macrophages in vivo to evaluate atherosclerosis noninvasively using molecular MRI. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 961-6	11.5	310
200	Adipose tissue macrophages promote myelopoiesis and monocytosis in obesity. *Cell Metabolism*, **2014**, 19, 821-35	24.6	305

199	Gene expression changes in foam cells and the role of chemokine receptor CCR7 during atherosclerosis regression in ApoE-deficient mice. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 3781-6	11.5	279
198	Nanocrystal core high-density lipoproteins: a multimodality contrast agent platform. *Nano Letters*, **2008**, 8, 3715-23	11.5	277
197	Recombinant HDL-like nanoparticles: a specific contrast agent for MRI of atherosclerotic plaques. *Journal of the American Chemical Society*, **2004**, 126, 16316-7	16.4	271
196	A statin-loaded reconstituted high-density lipoprotein nanoparticle inhibits atherosclerotic plaque inflammation. *Nature Communications*, **2014**, 5, 3065	17.4	269
195	An abundant dysfunctional apolipoprotein A1 in human atheroma. *Nature Medicine*, **2014**, 20, 193-203	50.5	250
194	High-density lipoprotein function, dysfunction, and reverse cholesterol transport. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2012**, 32, 2813-20	9.4	248
193	The degradation of apolipoprotein B100 is mediated by the ubiquitin-proteasome pathway and involves heat shock protein 70. *Journal of Biological Chemistry*, **1997**, 272, 20427-34	5.4	242
192	MicroRNA-33-dependent regulation of macrophage metabolism directs immune cell polarization in atherosclerosis. *Journal of Clinical Investigation*, **2015**, 125, 4334-48	15.9	241
191	HDL promotes rapid atherosclerosis regression in mice and alters inflammatory properties of plaque monocyte-derived cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 7166-71	11.5	239
190	The neuroimmune guidance cue netrin-1 promotes atherosclerosis by inhibiting the emigration of macrophages from plaques. *Nature Immunology*, **2012**, 13, 136-43	19.1	231
189	Paradoxical association of enhanced cholesterol efflux with increased incident cardiovascular risks. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2013**, 33, 1696-705	9.4	227
188	Inflammatory processes in cardiovascular disease: a route to targeted therapies. *Nature Reviews Cardiology*, **2017**, 14, 133-144	14.8	225
187	Cotranslocational degradation protects the stressed endoplasmic reticulum from protein overload. *Cell*, **2006**, 126, 727-39	56.2	202
186	Noninvasive In vivo high-resolution magnetic resonance imaging of atherosclerotic lesions in genetically engineered mice. *Circulation*, **1998**, 98, 1541-7	16.7	201
185	Lipid peroxidation and oxidant stress regulate hepatic apolipoprotein B degradation and VLDL production. *Journal of Clinical Investigation*, **2004**, 113, 1277-87	15.9	197
184	Deficiency of ATP-binding cassette transporters A1 and G1 in macrophages increases inflammation and accelerates atherosclerosis in mice. *Circulation Research*, **2013**, 112, 1456-65	15.7	196
183	HDL and Reverse Cholesterol Transport. *Circulation Research*, **2019**, 124, 1505-1518	15.7	195
182	Cholesterol loading reprograms the microRNA-143/145-myocardin axis to convert aortic smooth muscle cells to a dysfunctional macrophage-like phenotype. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2015**, 35, 535-46	9.4	190

181	Elevating high-density lipoprotein cholesterol in apolipoprotein E-deficient mice remodels advanced atherosclerotic lesions by decreasing macrophage and increasing smooth muscle cell content. *Circulation*, **2001**, 104, 2447-52	16.7	182
180	Reversal of hyperlipidemia with a genetic switch favorably affects the content and inflammatory state of macrophages in atherosclerotic plaques. *Circulation*, **2011**, 123, 989-98	16.7	179
179	Inflammatory Ly6Chi monocytes and their conversion to M2 macrophages drive atherosclerosis regression. *Journal of Clinical Investigation*, **2017**, 127, 2904-2915	15.9	171
178	The cardioprotective protein apolipoprotein A1 promotes potent anti-tumorigenic effects. *Journal of Biological Chemistry*, **2013**, 288, 21237-21252	5.4	156
177	The triple threat to nascent apolipoprotein B. Evidence for multiple, distinct degradative pathways. *Journal of Biological Chemistry*, **2001**, 276, 27855-63	5.4	156
176	Laser capture microdissection analysis of gene expression in macrophages from atherosclerotic lesions of apolipoprotein E-deficient mice. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 2234-9	11.5	153
175	Rapid regression of atherosclerosis: insights from the clinical and experimental literature. *Nature Clinical Practice Cardiovascular Medicine*, **2008**, 5, 91-102		143
174	Properties of a versatile nanoparticle platform contrast agent to image and characterize atherosclerotic plaques by magnetic resonance imaging. *Nano Letters*, **2006**, 6, 2220-4	11.5	142
173	Dietary glycotoxins promote diabetic atherosclerosis in apolipoprotein E-deficient mice. *Atherosclerosis*, **2003**, 168, 213-20	3.1	142
172	Inhibiting macrophage proliferation suppresses atherosclerotic plaque inflammation. *Science Advances*, **2015**, 1,	14.3	137
171	MRI to detect atherosclerosis with gadolinium-containing immunomicelles targeting the macrophage scavenger receptor. *Magnetic Resonance in Medicine*, **2006**, 56, 601-10	4.4	136
170	LXR promotes the maximal egress of monocyte-derived cells from mouse aortic plaques during atherosclerosis regression. *Journal of Clinical Investigation*, **2010**, 120, 4415-24	15.9	135
169	PET Imaging of Tumor-Associated Macrophages with 89Zr-Labeled High-Density Lipoprotein Nanoparticles. *Journal of Nuclear Medicine*, **2015**, 56, 1272-7	8.9	120
168	Dramatic remodeling of advanced atherosclerotic plaques of the apolipoprotein E-deficient mouse in a novel transplantation model. *Journal of Vascular Surgery*, **2001**, 34, 541-7	3.5	116
167	microRNA-33 Regulates Macrophage Autophagy in Atherosclerosis. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2017**, 37, 1058-1067	9.4	115
166	Dynamic Aspects of Macrophage Polarization during Atherosclerosis Progression and Regression. *Frontiers in Immunology*, **2014**, 5, 579	8.4	115
165	The ever-expanding role of degradation in the regulation of apolipoprotein B metabolism. *Journal of Lipid Research*, **2009**, 50 Suppl, S162-6	6.3	114
164	Neutrophil-derived S100 calcium-binding proteins A8/A9 promote reticulated thrombocytosis and atherogenesis in diabetes. *Journal of Clinical Investigation*, **2017**, 127, 2133-2147	15.9	114

163	Single-cell analysis of fate-mapped macrophages reveals heterogeneity, including stem-like properties, during atherosclerosis progression and regression. *JCI Insight*, **2019**, 4,	9.9	113
162	SR-B1 drives endothelial cell LDL transcytosis via DOCK4 to promote atherosclerosis. *Nature*, **2019**, 569, 565-569	50.4	113
161	Intestinal absorption of dietary cholesteryl ester is decreased but retinyl ester absorption is normal in carboxyl ester lipase knockout mice. *Biochemistry*, **1999**, 38, 4143-9	3.2	109
160	Apoprotein B degradation is promoted by the molecular chaperones hsp90 and hsp70. *Journal of Biological Chemistry*, **2001**, 276, 24891-900	5.4	107
159	High-density lipoprotein and atherosclerosis regression: evidence from preclinical and clinical studies. *Circulation Research*, **2014**, 114, 205-13	15.7	106
158	Hypoxia is present in murine atherosclerotic plaques and has multiple adverse effects on macrophage lipid metabolism. *Circulation Research*, **2011**, 109, 1141-52	15.7	105
157	Effects of native and myeloperoxidase-modified apolipoprotein a-I on reverse cholesterol transport and atherosclerosis in mice. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2014**, 34, 779-89	9.4	104
156	Long-term therapeutic silencing of miR-33 increases circulating triglyceride levels and hepatic lipid accumulation in mice. *EMBO Molecular Medicine*, **2014**, 6, 1133-41	12	104
155	Diabetes adversely affects macrophages during atherosclerotic plaque regression in mice. *Diabetes*, **2011**, 60, 1759-69	0.9	104
154	Presecretory oxidation, aggregation, and autophagic destruction of apoprotein-B: a pathway for late-stage quality control. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 5862-7	11.5	103
153	Eliminating atherogenesis in mice by switching off hepatic lipoprotein secretion. *Circulation*, **2003**, 107, 1315-21	16.7	101
152	High-density lipoprotein-based contrast agents for multimodal imaging of atherosclerosis. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2010**, 30, 169-76	9.4	97
151	An ApoA-I mimetic peptide high-density-lipoprotein-based MRI contrast agent for atherosclerotic plaque composition detection. *Small*, **2008**, 4, 1437-44	11	96
150	Inhibiting Inflammation with Myeloid Cell-Specific Nanobiologics Promotes Organ Transplant Acceptance. *Immunity*, **2018**, 49, 819-828.e6	32.3	95
149	RGD peptide functionalized and reconstituted high-density lipoprotein nanoparticles as a versatile and multimodal tumor targeting molecular imaging probe. *FASEB Journal*, **2010**, 24, 1689-99	0.9	93
148	HDL-mimetic PLGA nanoparticle to target atherosclerosis plaque macrophages. *Bioconjugate Chemistry*, **2015**, 26, 443-51	6.3	92
147	Targeting CD40-Induced TRAF6 Signaling in Macrophages Reduces Atherosclerosis. *Journal of the American College of Cardiology*, **2018**, 71, 527-542	15.1	91
146	Neuroimmune guidance cue Semaphorin 3E is expressed in atherosclerotic plaques and regulates macrophage retention. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2013**, 33, 886-93	9.4	91

145	Huh-7 or HepG2 cells: which is the better model for studying human apolipoprotein-B100 assembly and secretion?. *Journal of Lipid Research*, **2011**, 52, 152-8	6.3	91
144	Lipoprotein metabolism, dyslipidemia, and nonalcoholic fatty liver disease. *Seminars in Liver Disease* , **2013**, 33, 380-8	7.3	90
143	Vitamin A mediates conversion of monocyte-derived macrophages into tissue-resident macrophages during alternative activation. *Nature Immunology*, **2017**, 18, 642-653	19.1	87
142	High-density lipoproteins retard the progression of atherosclerosis and favorably remodel lesions without suppressing indices of inflammation or oxidation. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2004**, 24, 1904-9	9.4	85
141	Molecular imaging in atherosclerosis, thrombosis, and vascular inflammation. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2009**, 29, 983-91	9.4	82
140	Regression of atherosclerosis is characterized by broad changes in the plaque macrophage transcriptome. *PLoS ONE*, **2012**, 7, e39790	3.7	81
139	Incorporation of an apoE-derived lipopeptide in high-density lipoprotein MRI contrast agents for enhanced imaging of macrophages in atherosclerosis. *Contrast Media and Molecular Imaging*, **2008**, 3, 233-42	3.2	77
138	Serial studies of mouse atherosclerosis by in vivo magnetic resonance imaging detect lesion regression after correction of dyslipidemia. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2004**, 24, 1714-9	9.4	76
137	Macrophage Trafficking, Inflammatory Resolution, and Genomics in Atherosclerosis: JACC Macrophage in CVD Series (Part 2). *Journal of the American College of Cardiology*, **2018**, 72, 2181-2197	15.1	76
136	Immune cell screening of a nanoparticle library improves atherosclerosis therapy. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, E6731-E6740	11.5	75
135	Site-specific nitration of apolipoprotein A-I at tyrosine 166 is both abundant within human atherosclerotic plaque and dysfunctional. *Journal of Biological Chemistry*, **2014**, 289, 10276-10292	5.4	69
134	miR33 inhibition overcomes deleterious effects of diabetes mellitus on atherosclerosis plaque regression in mice. *Circulation Research*, **2014**, 115, 759-69	15.7	68
133	The many intersecting pathways underlying apolipoprotein B secretion and degradation. *Trends in Endocrinology and Metabolism*, **2008**, 19, 254-9	8.8	64
132	Collagen-specific peptide conjugated HDL nanoparticles as MRI contrast agent to evaluate compositional changes in atherosclerotic plaque regression. *JACC: Cardiovascular Imaging*, **2013**, 6, 373-84	8.4	63
131	Phosphorylation of liver X receptor alpha selectively regulates target gene expression in macrophages. *Molecular and Cellular Biology*, **2008**, 28, 2626-36	4.8	63
130	HDL induces the expression of the M2 macrophage markers arginase 1 and Fizz-1 in a STAT6-dependent process. *PLoS ONE*, **2013**, 8, e74676	3.7	63
129	In Vivo PET Imaging of HDL in Multiple Atherosclerosis Models. *JACC: Cardiovascular Imaging*, **2016**, 9, 950-61	8.4	62
128	LXR regulates macrophage arginase 1 through PU.1 and interferon regulatory factor 8. *Circulation Research*, **2011**, 109, 492-501	15.7	62

127	Different fatty acids inhibit apoB100 secretion by different pathways: unique roles for ER stress, ceramide, and autophagy. *Journal of Lipid Research*, **2011**, 52, 1636-51	6.3	61
126	Efficacy and safety assessment of a TRAF6-targeted nanoimmunotherapy in atherosclerotic mice and non-human primates. *Nature Biomedical Engineering*, **2018**, 2, 279-292	19	60
125	Comparison of synthetic high density lipoprotein (HDL) contrast agents for MR imaging of atherosclerosis. *Bioconjugate Chemistry*, **2009**, 20, 937-43	6.3	60
124	The biological properties of iron oxide core high-density lipoprotein in experimental atherosclerosis. *Biomaterials*, **2011**, 32, 206-13	15.6	59
123	The degradation of apolipoprotein B100: multiple opportunities to regulate VLDL triglyceride production by different proteolytic pathways. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2012**, 1821, 778-81	5	58
122	Regulatory T Cells License Macrophage Pro-Resolving Functions During Atherosclerosis Regression. *Circulation Research*, **2020**, 127, 335-353	15.7	57
121	The Hsp110 molecular chaperone stabilizes apolipoprotein B from endoplasmic reticulum-associated degradation (ERAD). *Journal of Biological Chemistry*, **2007**, 282, 32665-75	5.4	57
120	Mouse model of heterotopic aortic arch transplantation. *Journal of Surgical Research*, **2003**, 111, 171-6	2.5	57
119	Nanoparticles containing a liver X receptor agonist inhibit inflammation and atherosclerosis. *Advanced Healthcare Materials*, **2015**, 4, 228-36	10.1	56
118	High-relaxivity gadolinium-modified high-density lipoproteins as magnetic resonance imaging contrast agents. *Journal of Physical Chemistry B*, **2009**, 113, 6283-9	3.4	56
117	Anti-Inflammatory Effects of a Vegan Diet Versus the American Heart Association-Recommended Diet in Coronary Artery Disease Trial. *Journal of the American Heart Association*, **2018**, 7, e011367	6	54
116	Smooth Muscle Cell Reprogramming in Aortic Aneurysms. *Cell Stem Cell*, **2020**, 26, 542-557.e11	18	52
115	Neutrophil extracellular traps promote macrophage inflammation and impair atherosclerosis resolution in diabetic mice. *JCI Insight*, **2020**, 5,	9.9	48
114	Targeted Nanotherapeutics Encapsulating Liver X Receptor Agonist GW3965 Enhance Antiatherogenic Effects without Adverse Effects on Hepatic Lipid Metabolism in Ldlr Mice. *Advanced Healthcare Materials*, **2017**, 6, 1700313	10.1	46
113	High-Density Lipoprotein Nanobiologics for Precision Medicine. *Accounts of Chemical Research*, **2018**, 51, 127-137	24.3	45
112	Platelet regulation of myeloid suppressor of cytokine signaling 3 accelerates atherosclerosis. *Science Translational Medicine*, **2019**, 11,	17.5	45
111	Myocardial infarction accelerates breast cancer via innate immune reprogramming. *Nature Medicine* , **2020**, 26, 1452-1458	50.5	45
110	Eradicating the Burden of Atherosclerotic Cardiovascular Disease by Lowering Apolipoprotein B Lipoproteins Earlier in Life. *Journal of the American Heart Association*, **2018**, 7, e009778	6	43

109	Apolipoprotein AI) Promotes Atherosclerosis Regression in Diabetic Mice by Suppressing Myelopoiesis and Plaque Inflammation. *Circulation*, **2019**, 140, 1170-1184	16.7	42
108	Rapid regression of atherosclerosis with MTP inhibitor treatment. *Atherosclerosis*, **2013**, 227, 125-9	3.1	42
107	A novel TRPV4-specific agonist inhibits monocyte adhesion and atherosclerosis. *Oncotarget*, **2016**, 7, 37622-37635	3.3	42
106	Regression of Atherosclerosis: The Journey From the Liver to the Plaque and Back. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2016**, 36, 226-35	9.4	39
105	Transient Intermittent Hyperglycemia Accelerates Atherosclerosis by Promoting Myelopoiesis. *Circulation Research*, **2020**, 127, 877-892	15.7	35
104	Acute exposure to apolipoprotein A1 inhibits macrophage chemotaxis in vitro and monocyte recruitment in vivo. *ELife*, **2016**, 5,	8.9	35
103	HDL as a contrast agent for medical imaging. *Clinical Lipidology*, **2009**, 4, 493-500		34
102	Single-Cell RNA Sequencing of Visceral Adipose Tissue Leukocytes Reveals that Caloric Restriction Following Obesity Promotes the Accumulation of a Distinct Macrophage Population with Features of Phagocytic Cells. *Immunometabolism*, **2019**, 1,	4.1	34
101	Inflammasome Signaling and Impaired Vascular Health in Psoriasis. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2019**, 39, 787-798	9.4	33
100	Deficiency of the oxygen sensor prolyl hydroxylase 1 attenuates hypercholesterolaemia, atherosclerosis, and hyperglycaemia. *European Heart Journal*, **2016**, 37, 2993-2997	9.5	33
99	Novel Reversible Model of Atherosclerosis and Regression Using Oligonucleotide Regulation of the LDL Receptor. *Circulation Research*, **2018**, 122, 560-567	15.7	32
98	Imaging-assisted nanoimmunotherapy for atherosclerosis in multiple species. *Science Translational Medicine*, **2019**, 11,	17.5	31
97	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	9.4	31
96	Poly(ADP-ribose) Polymerase 1 Represses Liver X Receptor-mediated ABCA1 Expression and Cholesterol Efflux in Macrophages. *Journal of Biological Chemistry*, **2016**, 291, 11172-84	5.4	30
95	Lipolysis, and not hepatic lipogenesis, is the primary modulator of triglyceride levels in streptozotocin-induced diabetic mice. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2015**, 35, 102-10	9.4	27
94	Diabetes-mediated myelopoiesis and the relationship to cardiovascular risk. *Annals of the New York Academy of Sciences*, **2017**, 1402, 31-42	6.5	27
93	Epigenome-guided analysis of the transcriptome of plaque macrophages during atherosclerosis regression reveals activation of the Wnt signaling pathway. *PLoS Genetics*, **2014**, 10, e1004828	6	26
92	Cellular and molecular mechanisms for rapid regression of atherosclerosis: from bench top to potentially achievable clinical goal. *Current Opinion in Lipidology*, **2007**, 18, 443-50	4.4	26

91	Laser capture microdissection for analysis of macrophage gene expression from atherosclerotic lesions. *Methods in Molecular Biology*, **2005**, 293, 221-31	1.4	26
90	A wild-type mouse-based model for the regression of inflammation in atherosclerosis. *PLoS ONE*, **2017**, 12, e0173975	3.7	26
89	Hypoxia in murine atherosclerotic plaques and its adverse effects on macrophages. *Trends in Cardiovascular Medicine*, **2013**, 23, 80-4	6.9	25
88	A real time chemotaxis assay unveils unique migratory profiles amongst different primary murine macrophages. *PLoS ONE*, **2013**, 8, e58744	3.7	25
87	Changes in High-Density Lipoprotein Cholesterol Efflux Capacity After Bariatric Surgery Are Procedure Dependent. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2018**, 38, 245-254	9.4	25
86	Enhanced glycolysis and HIF-1 activation in adipose tissue macrophages sustains local and systemic interleukin-1 production in obesity. *Scientific Reports*, **2020**, 10, 5555	4.9	24
85	Insulin-stimulated degradation of apolipoprotein B100: roles of class II phosphatidylinositol-3-kinase and autophagy. *PLoS ONE*, **2013**, 8, e57590	3.7	24
84	Effects of High Fat Feeding and Diabetes on Regression of Atherosclerosis Induced by Low-Density Lipoprotein Receptor Gene Therapy in LDL Receptor-Deficient Mice. *PLoS ONE*, **2015**, 10, e0128996	3.7	24
83	Leukocyte Heterogeneity in Adipose Tissue, Including in Obesity. *Circulation Research*, **2020**, 126, 1590-1612	15.7	23
82	Activated Platelets Induce Endothelial Cell Inflammatory Response in Psoriasis via COX-1. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2020**, 40, 1340-1351	9.4	23
81	Laser capture microdissection for analysis of macrophage gene expression from atherosclerotic lesions. *Methods in Molecular Biology*, **2013**, 1027, 123-35	1.4	23
80	Autophagy Is Required for Sortilin-Mediated Degradation of Apolipoprotein B100. *Circulation Research*, **2018**, 122, 568-582	15.7	22
79	Development of therapeutic polymeric nanoparticles for the resolution of inflammation. *Advanced Healthcare Materials*, **2014**, 3, 1448-1456	10.1	22
78	LXR-Mediated ABCA1 Expression and Function Are Modulated by High Glucose and PRMT2. *PLoS ONE*, **2015**, 10, e0135218	3.7	22
77	Netrin-1 Alters Adipose Tissue Macrophage Fate and Function in Obesity. *Immunometabolism*, **2019**, 1,	4.1	22
76	Fate and State of Vascular Smooth Muscle Cells in Atherosclerosis. *Circulation*, **2021**, 143, 2110-2116	16.7	20
75	Autophagy of an oxidized, aggregated protein beyond the ER: a pathway for remarkably late-stage quality control. *Autophagy*, **2008**, 4, 721-3	10.2	19
74	Modulation of Macrophage Gene Expression via Liver X Receptor Serine 198 Phosphorylation. *Molecular and Cellular Biology*, **2015**, 35, 2024-34	4.8	18

73	Insights From Pre-Clinical and Clinical Studies on the Role of Innate Inflammation in Atherosclerosis Regression. *Frontiers in Cardiovascular Medicine*, **2018**, 5, 32	5.4	18
72	Role of superoxide radical anion in the mechanism of apoB100 degradation induced by DHA in hepatic cells. *FASEB Journal*, **2011**, 25, 3554-60	0.9	18
71	Atherosclerosis: Making a U Turn. *Annual Review of Medicine*, **2020**, 71, 191-201	17.4	16
70	Elevated GlycA in severe obesity is normalized by bariatric surgery. *Diabetes, Obesity and Metabolism*, **2019**, 21, 178-182	6.7	16
69	Role of LpL (Lipoprotein Lipase) in Macrophage Polarization In Vitro and In Vivo. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2019**, 39, 1967-1985	9.4	16
68	RAGE impairs murine diabetic atherosclerosis regression and implicates IRF7 in macrophage inflammation and cholesterol metabolism. *JCI Insight*, **2020**, 5,	9.9	16
67	Human Aldose Reductase Expression Prevents Atherosclerosis Regression in Diabetic Mice. *Diabetes*, **2018**, 67, 1880-1891	0.9	15
66	High-density lipoprotein and plaque regression: the good cholesterol gets even better. *Circulation*, **1999**, 100, 1762-3	16.7	15
65	Immunostaining of Macrophages, Endothelial Cells, and Smooth Muscle Cells in the Atherosclerotic Mouse Aorta. *Methods in Molecular Biology*, **2015**, 1339, 131-48	1.4	14
64	Preclinical mouse models and methods for the discovery of the causes and treatments of atherosclerosis. *Expert Opinion on Drug Discovery*, **2012**, 7, 207-16	6.2	14
63	High-density lipoprotein: gene-based approaches to the prevention of atherosclerosis. *Annals of Medicine*, **2000**, 32, 642-51	1.5	13
62	Divergent JAM-C Expression Accelerates Monocyte-Derived Cell Exit from Atherosclerotic Plaques. *PLoS ONE*, **2016**, 11, e0159679	3.7	12
61	High-density lipoprotein cholesterol efflux capacity is not associated with atherosclerosis and prevalence of cardiovascular outcome: The CODAM study. *Journal of Clinical Lipidology*, **2020**, 14, 122-132.e4	4.9	11
60	High density lipoprotein and metabolic disease: Potential benefits of restoring its functional properties. *Molecular Metabolism*, **2016**, 5, 321-327	8.8	11
59	Chronic stress primes innate immune responses in mice and humans. *Cell Reports*, **2021**, 36, 109595	10.6	11
58	Can modulators of apolipoproteinB biogenesis serve as an alternate target for cholesterol-lowering drugs?. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2018**, 1863, 762-771	5	10
57	Atherosclerosis Regression and Cholesterol Efflux in Hypertriglyceridemic Mice. *Circulation Research*, **2021**, 128, 690-705	15.7	10
56	An Eclectic Cast of Cellular Actors Orchestrates Innate Immune Responses in the Mechanisms Driving Obesity and Metabolic Perturbation. *Circulation Research*, **2020**, 126, 1565-1589	15.7	9

55	Statin dose reduction with complementary diet therapy: A pilot study of personalized medicine. *Molecular Metabolism*, **2018**, 11, 137-144	8.8	9
54	Docosahexaenoic acid impairs the maturation of very low density lipoproteins in rat hepatic cells. *Journal of Lipid Research*, **2014**, 55, 75-84	6.3	9
53	The complex fate in plasma of gadolinium incorporated into high-density lipoproteins used for magnetic imaging of atherosclerotic plaques. *Bioconjugate Chemistry*, **2013**, 24, 1039-48	6.3	9
52	Lipoprotein(a) screening in patients with controlled traditional risk factors undergoing percutaneous coronary intervention. *Journal of Clinical Lipidology*, **2017**, 11, 1177-1180	4.9	9
51	Two-Photon, Ratiometric, Quantitative Fluorescent Probe Reveals Fluctuation of Peroxynitrite Regulated by Arginase 1. *Analytical Chemistry*, **2021**, 93, 10090-10098	7.8	9
50	Cardiovascular Risk Factor Control and Lifestyle Factors in Young to Middle-Aged Adults with Newly Diagnosed Obstructive Coronary Artery Disease. *Cardiology*, **2019**, 142, 83-90	1.6	8
49	Hsp104 facilitates the endoplasmic-reticulum-associated degradation of disease-associated and aggregation-prone substrates. *Protein Science*, **2019**, 28, 1290-1306	6.3	8
48	High-density lipoproteins put out the fire. *Cell Metabolism*, **2014**, 19, 175-6	24.6	8
47	Suboptimal risk factor control in patients undergoing elective coronary or peripheral percutaneous intervention. *American Heart Journal*, **2014**, 168, 310-316.e3	4.9	8
46	Hyperglycemia enhances arsenic-induced platelet and megakaryocyte activation. *Journal of Translational Medicine*, **2017**, 15, 55	8.5	8
45	GPIHBP1: lipoprotein lipase's ticket to ride. *Cell Metabolism*, **2010**, 12, 1-2	24.6	8
44	miR-33 Silencing Reprograms the Immune Cell Landscape in Atherosclerotic Plaques. *Circulation Research*, **2021**, 128, 1122-1138	15.7	8
43	Characterization of PCSK9 in the Blood and Skin of Psoriasis. *Journal of Investigative Dermatology*, **2021**, 141, 308-315	4.3	8
42	Platelet-conditioned media induces an anti-inflammatory macrophage phenotype through EP4. *Journal of Thrombosis and Haemostasis*, **2021**, 19, 562-573	15.4	8
41	Wnt signaling enhances macrophage responses to IL-4 and promotes resolution of atherosclerosis. *ELife*, **2021**, 10,	8.9	8
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