Christoph J Binder

List of Publications by Year
in descending order

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Version: 2024-02-01

186	19,672	15504 65	11607 135
papers	citations	h-index	g-index

201	201	201	22173
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Identification of Oxidative Stress and Toll-like Receptor 4 Signaling as a Key Pathway of Acute Lung Injury. Cell, 2008, 133, 235-249.	28.9	1,164
2	Interleukin-4-dependent production of PPAR-Î³ ligands in macrophages by 12/15-lipoxygenase. Nature, 1999, 400, 378-382.	27.8	822
3	Low-density lipoproteins cause atherosclerotic cardiovascular disease: pathophysiological, genetic, and therapeutic insights: a consensus statement from the European Atherosclerosis Society Consensus Panel. European Heart Journal, 2020, 41, 2313-2330.	2.2	776
4	Pneumococcal vaccination decreases atherosclerotic lesion formation: molecular mimicry between Streptococcus pneumoniae and oxidized LDL. Nature Medicine, 2003, 9, 736-743.	30.7	683
5	Innate and acquired immunity in atherogenesis. Nature Medicine, 2002, 8, 1218-1226.	30.7	604
6	Oxidative damage in multiple sclerosis lesions. Brain, 2011, 134, 1914-1924.	7.6	585
7	Oxidation-Specific Epitopes Are Danger-Associated Molecular Patterns Recognized by Pattern Recognition Receptors of Innate Immunity. Circulation Research, 2011, 108, 235-248.	4.5	527
8	Differential inhibition of macrophage foam-cell formation and atherosclerosis in mice by PPARÎ±, Î²/Î´, and Î³. Journal of Clinical Investigation, 2004, 114, 1564-1576.	8.2	494
9	Complement factor H binds malondialdehyde epitopes and protects from oxidative stress. Nature, 2011, 478, 76-81.	27.8	469
10	Generation and Biological Activities of Oxidized Phospholipids. Antioxidants and Redox Signaling, 2010, 12, 1009-1059.	5.4	461
11	C-reactive protein binds to both oxidized LDL and apoptotic cells through recognition of a common ligand: Phosphorylcholine of oxidized phospholipids. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 13043-13048.	7.1	459
12	B lymphocytes trigger monocyte mobilization and impair heart function after acute myocardial infarction. Nature Medicine, 2013, 19, 1273-1280.	30.7	422
13	Oxidation-specific epitopes are dominant targets of innate natural antibodies in mice and humans. Journal of Clinical Investigation, 2009, 119, 1335-1349.	8.2	397
14	B cell depletion reduces the development of atherosclerosis in mice. Journal of Experimental Medicine, 2010, 207, 1579-1587.	8.5	375
15	Oxidized phospholipids are proinflammatory and proatherogenic in hypercholesterolaemic mice. Nature, 2018, 558, 301-306.	27.8	359
16	Auto-Antigenic Protein-DNA Complexes Stimulate Plasmacytoid Dendritic Cells to Promote Atherosclerosis. Circulation, 2012, 125, 1673-1683.	1.6	347
17	Minimally Modified LDL Binds to CD14, Induces Macrophage Spreading via TLR4/MD-2, and Inhibits Phagocytosis of Apoptotic Cells. Journal of Biological Chemistry, 2003, 278, 1561-1568.	3.4	338
18	IL-5 links adaptive and natural immunity specific for epitopes of oxidized LDL and protects from atherosclerosis. Journal of Clinical Investigation, 2004, 114, 427-437.	8.2	335

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19	Apoptotic Cells with Oxidation-specific Epitopes Are Immunogenic and Proinflammatory. Journal of Experimental Medicine, 2004, 200, 1359-1370.	8.5	310
20	T-bet deficiency reduces atherosclerosis and alters plaque antigen-specific immune responses. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 1596-1601.	7.1	299
21	A novel function of lipoprotein [a] as a preferential carrier of oxidized phospholipids in human plasma. Journal of Lipid Research, 2008, 49, 2230-2239.	4.2	290
22	Sleep modulates haematopoiesis and protects against atherosclerosis. Nature, 2019, 566, 383-387.	27.8	279
23	Innate sensing of oxidation-specific epitopes in health and disease. Nature Reviews Immunology, 2016, 16, 485-497.	22.7	271
24	Disease-specific molecular events in cortical multiple sclerosis lesions. Brain, 2013, 136, 1799-1815.	7.6	249
25	B Cells and Humoral Immunity in Atherosclerosis. Circulation Research, 2014, 114, 1743-1756.	4.5	241
26	Thematic review series: The Immune System and Atherogenesis. The role of natural antibodies in atherogenesis. Journal of Lipid Research, 2005, 46, 1353-1363.	4.2	224
27	CCL17-expressing dendritic cells drive atherosclerosis by restraining regulatory T cell homeostasis in mice. Journal of Clinical Investigation, 2011, 121, 2898-2910.	8.2	223
28	Interleukinâ€13 protects from atherosclerosis and modulates plaque composition by skewing the macrophage phenotype. EMBO Molecular Medicine, 2012, 4, 1072-1086.	6.9	211
29	IL-5 links adaptive and natural immunity specific for epitopes of oxidized LDL and protects from atherosclerosis. Journal of Clinical Investigation, 2004, 114, 427-437.	8.2	208
30	Meta-Analysis of Leukocyte Diversity in Atherosclerotic Mouse Aortas. Circulation Research, 2020, 127, 402-426.	4.5	207
31	ApoE attenuates unresolvable inflammation by complex formation with activated C1q. Nature Medicine, 2019, 25, 496-506.	30.7	200
32	The role of B cells in atherosclerosis. Nature Reviews Cardiology, 2019, 16, 180-196.	13.7	186
33	Mitochondria Are a Subset of Extracellular Vesicles Released by Activated Monocytes and Induce Type I IFN and TNF Responses in Endothelial Cells. Circulation Research, 2019, 125, 43-52.	4.5	177
34	Oxidized low density lipoprotein and innate immune receptors. Current Opinion in Lipidology, 2003, 14, 437-445.	2.7	164
35	Overview of the current status of familial hypercholesterolaemia care in over 60 countries - The EAS Familial Hypercholesterolaemia Studies Collaboration (FHSC). Atherosclerosis, 2018, 277, 234-255.	0.8	163
36	Adaptive immunity in atherogenesis: new insights and therapeutic approaches. Journal of Clinical Investigation, 2013, 123, 27-36.	8.2	163

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37	Naturally occurring auto-antibodies in homeostasis and disease. Trends in Immunology, 2009, 30, 43-51.	6.8	155
38	Anti-Spike Protein Assays to Determine SARS-CoV-2 Antibody Levels: a Head-to-Head Comparison of Five Quantitative Assays. Microbiology Spectrum, 2021, 9, e0024721.	3.0	148
39	Global perspective of familial hypercholesterolaemia: a cross-sectional study from the EAS Familial Hypercholesterolaemia Studies Collaboration (FHSC). Lancet, The, 2021, 398, 1713-1725.	13.7	142
40	The innate immune response to products of phospholipid peroxidation. Biochimica Et Biophysica Acta - Biomembranes, 2012, 1818, 2465-2475.	2.6	140
41	BAFF Receptor Deficiency Reduces the Development of Atherosclerosis in Miceâ€"Brief Report. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 1573-1576.	2.4	139
42	Role of Scavenger Receptor A and CD36 in Diet-Induced Nonalcoholic Steatohepatitis in Hyperlipidemic Mice. Gastroenterology, 2010, 138, 2477-2486.e3.	1.3	137
43	Immunological responses to oxidized LDL. Free Radical Biology and Medicine, 2000, 28, 1771-1779.	2.9	136
44	LDL Receptor Knock-Out Mice Are a Physiological Model Particularly Vulnerable to Study the Onset of Inflammation in Non-Alcoholic Fatty Liver Disease. PLoS ONE, 2012, 7, e30668.	2.5	135
45	The role of innate immunity in atherogenesis. Journal of Lipid Research, 2009, 50, S388-S393.	4.2	122
46	Side-by-Side Comparison of Three Fully Automated SARS-CoV-2 Antibody Assays with a Focus on Specificity. Clinical Chemistry, 2020, 66, 1405-1413.	3.2	122
47	Gut microbiota regulate hepatic von Willebrand factor synthesis and arterial thrombus formation via Toll-like receptor-2. Blood, 2017, 130, 542-553.	1.4	119
48	Marginal zone B cells control the response of follicular helper T cells to a high-cholesterol diet. Nature Medicine, 2017, 23, 601-610.	30.7	114
49	Rare dyslipidaemias, from phenotype to genotype to management: a European Atherosclerosis Society task force consensus statement. Lancet Diabetes and Endocrinology,the, 2020, 8, 50-67.	11.4	114
50	Natural antibodies and the autoimmunity of atherosclerosis. Seminars in Immunopathology, 2005, 26, 385-404.	4.0	111
51	Internalization of Modified Lipids by CD36 and SR-A Leads to Hepatic Inflammation and Lysosomal Cholesterol Storage in Kupffer Cells. PLoS ONE, 2012, 7, e34378.	2.5	104
52	Oxidative tissue injury in multiple sclerosis is only partly reflected in experimental disease models. Acta Neuropathologica, 2014, 128, 247-266.	7.7	103
53	Responsiveness of B cells is regulated by the hinge region of IgD. Nature Immunology, 2015, 16, 534-543.	14.5	98
54	Circulating microparticles carry oxidation-specific epitopes and are recognized by natural IgM antibodies. Journal of Lipid Research, 2015, 56, 440-448.	4.2	96

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55	Glomerular Overproduction of Oxygen Radicals in Mpv17 Gene-Inactivated Mice Causes Podocyte Foot Process Flattening and Proteinuria. American Journal of Pathology, 1999, 154, 1067-1075.	3.8	94
56	Apolipoprotein M binds oxidized phospholipids and increases the antioxidant effect of HDL. Atherosclerosis, 2012, 221, 91-97.	0.8	92
57	Targeting B Cells in Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 296-302.	2.4	91
58	Specific immunization strategies against oxidized low-density lipoprotein: A novel way to reduce nonalcoholic steatohepatitis in mice. Hepatology, 2012, 56, 894-903.	7.3	89
59	A Diet-Induced Hypercholesterolemic Murine Model to Study Atherogenesis Without Obesity and Metabolic Syndrome. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 878-885.	2.4	88
60	Natural IgM Antibodies Against Oxidation-Specific Epitopes. Journal of Clinical Immunology, 2010, 30, 56-60.	3.8	88
61	Malondialdehyde Epitopes as Targets of Immunity and the Implications for Atherosclerosis. Advances in Immunology, 2016, 131, 1-59.	2.2	87
62	Type-2 innate lymphoid cells control the development of atherosclerosis in mice. Nature Communications, 2017, 8, 15781.	12.8	84
63	Oxidized lowâ€density lipoprotein in inflammationâ€driven thrombosis. Journal of Thrombosis and Haemostasis, 2018, 16, 418-428.	3.8	75
64	Trapping of oxidized <scp>LDL</scp> in lysosomes of <scp>K</scp>upffer cells is a trigger for hepatic inflammation. Liver International, 2013, 33, 1056-1061.	3.9	73
65	Malondialdehyde epitopes as mediators of sterile inflammation. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2017, 1862, 398-406.	2.4	68
66	Plasma Interleukin-5 Levels Are Related to Antibodies Binding to Oxidized Low-Density Lipoprotein and to Decreased Subclinical Atherosclerosis. Journal of the American College of Cardiology, 2008, 52, 1370-1378.	2.8	67
67	Siglec-G Regulates B1 Cell Survival and Selection. Journal of Immunology, 2010, 185, 3277-3284.	0.8	67
68	Sialic Acid-Binding Immunoglobulin-like Lectin G Promotes Atherosclerosis and Liver Inflammation by Suppressing the Protective Functions of B-1 Cells. Cell Reports, 2016, 14, 2348-2361.	6.4	66
69	B Cellâ€“Activating Factor Neutralization Aggravates Atherosclerosis. Circulation, 2018, 138, 2263-2273.	1.6	64
70	Abrogated transforming growth factor beta receptor II (TGFÎ²RII) signalling in dendritic cells promotes immune reactivity of T cells resulting in enhanced atherosclerosis. European Heart Journal, 2013, 34, 3717-3727.	2.2	62
71	Group X Secreted Phospholipase A2 Limits the Development of Atherosclerosis in LDL Receptorâ€“Null Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 466-473.	2.4	60
72	Soluble TREM2 levels reflect the recruitment and expansion of TREM2+ macrophages that localize to fibrotic areas and limit NASH. Journal of Hepatology, 2022, 77, 1373-1385.	3.7	60

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73	Coinhibitory Suppression of T Cell Activation by CD40 Protects Against Obesity and Adipose Tissue Inflammation in Mice. Circulation, 2014, 129, 2414-2425.	1.6	59
74	Clinical validation of the Siemens quantitative SARS-CoV-2 spike IgG assay (sCOVG) reveals improved sensitivity and a good correlation with virus neutralization titers. Clinical Chemistry and Laboratory Medicine, 2021, 59, 1453-1462.	2.3	59
75	Immunometabolism and atherosclerosis: perspectives and clinical significance: a position paper from the Working Group on Atherosclerosis and Vascular Biology of the European Society of Cardiology. Cardiovascular Research, 2019, 115, 1385-1392.	3.8	58
76	Malondialdehyde epitopes are sterile mediators of hepatic inflammation in hypercholesterolemic mice. Hepatology, 2017, 65, 1181-1195.	7.3	53
77	Increased Plasma IgE Accelerate Atherosclerosis in Secreted IgM Deficiency. Circulation Research, 2017, 120, 78-84.	4.5	52
78	Germinal Centerâ€“Derived Antibodies Promote Atherosclerosis Plaque Size and Stability. Circulation, 2019, 139, 2466-2482.	1.6	51
79	Mitochondrial C5aR1 activity in macrophages controls IL-1Î² production underlying sterile inflammation. Science Immunology, 2021, 6, eabf2489.	11.9	50
80	Atheroprotective immunization with malondialdehyde-modified LDL is hapten specific and dependent on advanced MDA adducts: implications for development of an atheroprotective vaccine. Journal of Lipid Research, 2014, 55, 2137-2155.	4.2	47
81	Inhibition of arterial lesion progression in CD16-deficient mice: evidence for altered immunity and the role of IL-10. Cardiovascular Research, 2010, 85, 224-231.	3.8	45
82	The immunomodulatory parasitic worm product ES-62 reduces lupus-associated accelerated atherosclerosis in a mouse model. International Journal for Parasitology, 2015, 45, 203-207.	3.1	45
83	4F Peptide reduces nascent atherosclerosis and induces natural antibody production in apolipoprotein Eâ€null mice. FASEB Journal, 2011, 25, 290-300.	0.5	44
84	Peptide mimotopes of malondialdehyde epitopes for clinical applications in cardiovascular disease. Journal of Lipid Research, 2012, 53, 1316-1326.	4.2	44
85	Methods for the identification and characterization of extracellular vesicles in cardiovascular studies: from exosomes to microvesicles. Cardiovascular Research, 2023, 119, 45-63.	3.8	44
86	A neutralizing antibody against receptor for advanced glycation end products (RAGE) reduces atherosclerosis in uremic mice. Atherosclerosis, 2008, 201, 274-280.	0.8	42
87	B-1 Cell Immunoglobulin Directed Against Oxidation-Specific Epitopes. Frontiers in Immunology, 2013, 3, 415.	4.8	42
88	Natural Antibodies in Murine Atherosclerosis. Current Drug Targets, 2008, 9, 190-195.	2.1	41
89	Naturally Occurring IgM Antibodies to Oxidation-Specific Epitopes. Advances in Experimental Medicine and Biology, 2012, 750, 2-13.	1.6	39
90	Acute Loss of Apolipoprotein E Triggers an Autoimmune Response That Accelerates Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, e145-e158.	2.4	38

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91	APRIL limits atherosclerosis by binding to heparan sulfate proteoglycans. Nature, 2021, 597, 92-96.	27.8	38
92	The Interferon Stimulated Gene 12 Inactivates Vasculoprotective Functions of NR4A Nuclear Receptors. Circulation Research, 2012, 110, e50-63.	4.5	37
93	Monocyte subset distribution in patients with stable atherosclerosis and elevated levels of lipoprotein(a). Journal of Clinical Lipidology, 2015, 9, 533-541.	1.5	37
94	The cytoskeletal regulator HEM1 governs B cell development and prevents autoimmunity. Science Immunology, 2020, 5, .	11.9	37
95	Secreted IgM deficiency leads to increased BCR signaling that results in abnormal splenic B cell development. Scientific Reports, 2017, 7, 3540.	3.3	34
96	A comprehensive antigen production and characterisation study for easy-to-implement, specific and quantitative SARS-CoV-2 serotests. EBioMedicine, 2021, 67, 103348.	6.1	34
97	X-Box Binding Protein-1 Dependent Plasma Cell Responses Limit the Development of Atherosclerosis. Circulation Research, 2017, 121, 270-281.	4.5	33
98	CD40L Deficiency Attenuates Diet-Induced Adipose Tissue Inflammation by Impairing Immune Cell Accumulation and Production of Pathogenic IgG-Antibodies. PLoS ONE, 2012, 7, e33026.	2.5	33
99	Macrophage Specific Caspase-1/11 Deficiency Protects against Cholesterol Crystallization and Hepatic Inflammation in Hyperlipidemic Mice. PLoS ONE, 2013, 8, e78792.	2.5	31
100	Impaired Autophagy in CD11b ⁺ Dendritic Cells Expands CD4 ⁺ Regulatory T Cells and Limits Atherosclerosis in Mice. Circulation Research, 2019, 125, 1019-1034.	4.5	31
101	Extracellular vesicles are associated with C-reactive protein in sepsis. Scientific Reports, 2021, 11, 6996.	3.3	31
102	The multifaceted impact of complement on atherosclerosis. Atherosclerosis, 2022, 351, 29-40.	0.8	30
103	Selective EGFR (Epidermal Growth Factor Receptor) Deletion in Myeloid Cells Limits Atherosclerosisâ€"Brief Report. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 114-119.	2.4	29
104	A genome-wide association study identifies key modulators of complement factor H binding to malondialdehyde-epitopes. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 9942-9951.	7.1	29
105	Inhibition of the Renin-Angiotensin System Abolishes the Proatherogenic Effect of Uremia in Apolipoprotein E-Deficient Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2007, 27, 1080-1086.	2.4	28
106	Angiotensin II synergizes with BAFF to promote atheroprotective regulatory B cells. Scientific Reports, 2017, 7, 4111.	3.3	28
107	Promise of Immune Modulation to Inhibit AtherogenesisâŽâŽEditorials published in the Journal of the American College of Cardiologyreflect the views of the authors and do not necessarily represent the views of JACCor the American College of Cardiology.. Journal of the American College of Cardiology, 2007, 50, 547-550.	2.8	27
108	NR4A1 Deletion in Marginal Zone B Cells Exacerbates Atherosclerosis in Miceâ€"Brief Report. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 2598-2604.	2.4	27

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109	Rituximab in patients with acute ST-elevation myocardial infarction: an experimental medicine safety study. Cardiovascular Research, 2022, 118, 872-882.	3.8	27
110	BÎ²15â€“42Protects against Acid-induced Acute Lung Injury and SecondaryPseudomonasPneumoniaIn Vivo. American Journal of Respiratory and Critical Care Medicine, 2009, 180, 1208-1217.	5.6	26
111	Deletion of IRF8 (Interferon Regulatory Factor 8)-Dependent Dendritic Cells Abrogates Proatherogenic Adaptive Immunity. Circulation Research, 2018, 122, 813-820.	4.5	26
112	Autoantibodies to OxLDL fail to alter the clearance of injected OxLDL in apolipoprotein E-deficient mice. Journal of Lipid Research, 2004, 45, 1347-1354.	4.2	25
113	Prevention of oxLDL uptake leads to decreased atherosclerosis in hematopoietic NPC1-deficient Ldlrâ^'/â^' mice. Atherosclerosis, 2016, 255, 59-65.	0.8	25
114	Blood-derived macrophages prone to accumulate lysosomal lipids trigger oxLDL-dependent murine hepatic inflammation. Scientific Reports, 2017, 7, 12550.	3.3	25
115	Impact of B-Cellâ€“Targeted Therapies on Cardiovascular Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 1705-1714.	2.4	24
116	Obesity and Sex Affect the Immune Responses to Tick-Borne Encephalitis Booster Vaccination. Frontiers in Immunology, 2020, 11, 860.	4.8	23
117	High Levels of (Un)Switched Memory B Cells Are Associated With Better Outcome in Patients With Advanced Atherosclerotic Disease. Journal of the American Heart Association, 2017, 6, .	3.7	22
118	Natural IgM antibodies inhibit microvesicle-driven coagulation and thrombosis. Blood, 2021, 137, 1406-1415.	1.4	21
119	Humoral immunity in atherosclerosis and myocardial infarction: from B cells to antibodies. Cardiovascular Research, 2021, 117, 2544-2562.	3.8	21
120	WAVE1 mediates suppression of phagocytosis by phospholipid-derived DAMPs. Journal of Clinical Investigation, 2013, 123, 3014-3024.	8.2	21
121	Low levels of IgM antibodies recognizing oxidation-specific epitopes are associated with human non-alcoholic fatty liver disease. BMC Medicine, 2016, 14, 107.	5.5	20
122	The Comparability of Anti-Spike SARS-CoV-2 Antibody Tests is Time-Dependent: a Prospective Observational Study. Microbiology Spectrum, 2022, 10, e0140221.	3.0	20
123	The why and how of adaptive immune responses in ischemic cardiovascular disease. , 2022, 1, 431-444.		20
124	S1P ₂ /G _{12/13} Signaling Negatively Regulates Macrophage Activation and Indirectly Shapes the Atheroprotective B1-Cell Population. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 37-48.	2.4	19
125	FHR5 Binds to Laminins, Uses Separate C3b and Surface-Binding Sites, and Activates Complement on Malondialdehyde-Acetaldehyde Surfaces. Journal of Immunology, 2018, 200, 2280-2290.	0.8	19
126	Lipid-lowering and anti-thrombotic therapy in patients with peripheral arterial disease. Vasa - European Journal of Vascular Medicine, 2021, 50, 401-411.	1.4	18

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127	Experimental immunotherapeutic approaches for atherosclerosis. Clinical Immunology, 2010, 134, 66-79.	3.2	17
128	Combined Effects of Inflammatory Status and Carotid Atherosclerosis. Stroke, 2016, 47, 2952-2958.	2.0	17
129	Atherosclerosis Susceptibility in Mice Is Independent of the V1 Immunoglobulin Heavy Chain Gene. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 25-36.	2.4	17
130	The effects of vitamin E or lipoic acid supplementation on oxyphytosterols in subjects with elevated oxidative stress: a randomized trial. Scientific Reports, 2017, 7, 15288.	3.3	17
131	B Cell FcÎ³ Receptor IIb Modulates Atherosclerosis in Male and Female Mice by Controlling Adaptive Germinal Center and Innate B-1-Cell Responses. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 1379-1389.	2.4	17
132	Oxidation-specific epitopes are major targets of innate immunity in atherothrombosis. Hamostaseologie, 2016, 36, 89-96.	1.9	16
133	Carotid ultrasound investigation as a prognostic tool for patients with diabetes mellitus. Cardiovascular Diabetology, 2019, 18, 90.	6.8	16
134	Associations of Interleukin-5 With Plaque Development and Cardiovascular Events. JACC Basic To Translational Science, 2019, 4, 891-902.	4.1	16
135	Von Willebrand factor antigen levels predict major adverse cardiovascular events in patients with carotid stenosis of the ICARAS study. Atherosclerosis, 2019, 290, 31-36.	0.8	15
136	The prognostic value of serum amyloid A for longâ€term mortality among patients with subclinical carotid atherosclerosis. European Journal of Clinical Investigation, 2019, 49, e13095.	3.4	15
137	Effects of Nicorandil on Inflammation, Apoptosis and Atherosclerotic Plaque Progression. Biomedicines, 2021, 9, 120.	3.2	15
138	Oxidation-Specific Epitopes in Non-Alcoholic Fatty Liver Disease. Frontiers in Endocrinology, 2020, 11, 607011.	3.5	14
139	Serum antibody response to BNT162b2 after natural SARSâ€CoVâ€2 infection. European Journal of Clinical Investigation, 2021, 51, e13632.	3.4	14
140	B- and T-lymphocyte attenuator stimulation protects against atherosclerosis by regulating follicular B cells. Cardiovascular Research, 2020, 116, 295-305.	3.8	13
141	Initial SARS-CoV-2 vaccination response can predict booster response for BNT162b2 but not for AZD1222. International Journal of Infectious Diseases, 2021, 110, 309-313.	3.3	13
142	IGHV1-69-Encoded Antibodies Expressed in Chronic Lymphocytic Leukemia React with Malondialdehydeâ€“Acetaldehyde Adduct, an Immunodominant Oxidation-Specific Epitope. PLoS ONE, 2013, 8, e65203.	2.5	13
143	Pneumococcal Polysaccharide Vaccination Elicits IgG Anti-A/B Blood Group Antibodies in Healthy Individuals and Patients with Type I Diabetes Mellitus. Frontiers in Immunology, 2016, 7, 493.	4.8	12
144	Complement Factor H Modulates Splenic B Cell Development and Limits Autoantibody Production. Frontiers in Immunology, 2019, 10, 1607.	4.8	12

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145	Immunology of atherosclerosis. Thrombosis and Haemostasis, 2011, 106, 755-756.	3.4	11
146	Pharmacological inhibition of fatty acid oxidation reduces atherosclerosis progression by suppression of macrophage NLRP3 inflammasome activation. Biochemical Pharmacology, 2021, 190, 114634.	4.4	11
147	Spike Protein Antibodies Mediate the Apparent Correlation between SARS-CoV-2 Nucleocapsid Antibodies and Neutralization Test Results. Microbiology Spectrum, 2021, 9, e0021821.	3.0	11
148	Factor H-related protein 1 (FHR-1) is associated with atherosclerotic cardiovascular disease. Scientific Reports, 2021, 11, 22511.	3.3	11
149	Is Atherosclerosis an Allergic Disease?. Circulation Research, 2011, 109, 1103-1104.	4.5	10
150	Stimulation of the PD-1 Pathway Decreases Atherosclerotic Lesion Development in Ldlr Deficient Mice. Frontiers in Cardiovascular Medicine, 2021, 8, 740531.	2.4	10
151	Development and application of a nonradioactive binding assay of oxidized low-density lipoprotein to macrophage scavenger receptors. Journal of Lipid Research, 2013, 54, 3206-3214.	4.2	9
152	Ikk2-mediated inflammatory activation of arterial endothelial cells promotes the development and progression of atherosclerosis. Atherosclerosis, 2020, 307, 21-31.	0.8	9
153	Surface Plasmon Resonance Analysis Shows an IgG-Isotype-Specific Defect in ABO Blood Group Antibody Formation in Patients with Common Variable Immunodeficiency. Frontiers in Immunology, 2015, 6, 211.	4.8	8
154	Pneumococcal Immunization Reduces Neurological and Hepatic Symptoms in a Mouse Model for Niemann-Pick Type C1 Disease. Frontiers in Immunology, 2018, 9, 3089.	4.8	8
155	Platelets and coagulation factors: Established and novel roles in atherosclerosis and atherothrombosis. Atherosclerosis, 2020, 307, 78-79.	0.8	8
156	Taking action: European Atherosclerosis Society targets the United Nations Sustainable Development Goals 2030 agenda to fight atherosclerotic cardiovascular disease in Europe. Atherosclerosis, 2021, 322, 77-81.	0.8	8
157	Impact of Specific N-Glycan Modifications on the Use of Plant-Produced SARS-CoV-2 Antigens in Serological Assays. Frontiers in Plant Science, 2021, 12, 747500.	3.6	8
158	Lipid-lowering and anti-thrombotic therapy in patients with peripheral arterial disease. Atherosclerosis, 2021, 338, 55-63.	0.8	8
159	When Monocytes Come (Too) Close to Our Hearts. Journal of the American College of Cardiology, 2010, 55, 1639-1641.	2.8	7
160	A Comprehensive Analytical Strategy To Identify Malondialdehyde-Modified Proteins and Peptides. Analytical Chemistry, 2017, 89, 3847-3852.	6.5	7
161	Lipid modification and lipid peroxidation products in innate immunity and inflammation. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2017, 1862, 369-370.	2.4	6
162	The Effect of a 13-Valent Conjugate Pneumococcal Vaccine on Circulating Antibodies Against Oxidized LDL and Phosphorylcholine in Man, A Randomized Placebo-Controlled Clinical Trial. Biology, 2020, 9, 345.	2.8	6

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163	Hematopoietic expression of a chimeric murineâ€human <scp>CALR</scp> oncoprotein allows the assessment of <scp>antiâ€CALR</scp> antibody immunotherapies in vivo. American Journal of Hematology, 2021, 96, 698-707.	4.1	6
164	The pro-inflammatory effect of uraemia overrules the anti-atherogenic potential of immunization with oxidized LDL in apoEâ^'/â^' mice. Nephrology Dialysis Transplantation, 2010, 25, 2486-2491.	0.7	5
165	Extracellular Vesicles Act as Messengers of Macrophages Sensing Atherogenic Stimuli. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 2-3.	2.4	5
166	SIRPÎ± on Mouse B1 Cells Restricts Lymphoid Tissue Migration and Natural Antibody Production. Frontiers in Immunology, 2020, 11, 570963.	4.8	5
167	Reply to "Humoral immunity and atherosclerosis". Nature Medicine, 2003, 9, 244-245.	30.7	4
168	The Influence of a Conjugated Pneumococcal Vaccination on Plasma Antibody Levels against Oxidized Low-Density Lipoprotein in Metabolic Disease Patients: A Single-Arm Pilot Clinical Trial. Antioxidants, 2021, 10, 129.	5.1	4
169	Red Blood Cell Derived Microparticles Are Thrombogenic in Mouse Models of Atherosclerosis.. Blood, 2007, 110, 3624-3624.	1.4	4
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