Daniel Ketelhuth

List of Publications by Year
in descending order

76 papers	4,031 citations	109311 35 h-index	123420 61 g-index
78 all docs	78 docs citations	78 times ranked	5711 citing authors

#	Article	IF	Citations
1	The mineralocorticoid receptor blocker spironolactone lowers plasma interferon-Î³ and interleukin-6 in patients with type 2 diabetes and treatment-resistant hypertension. Journal of Hypertension, 2022, 40, 153-162.	0.5	4
2	ApoB100â€reactive T cells: Does liver tolerance hold the key to modulating adaptive immunity in atherosclerosis?. Journal of Internal Medicine, 2022, 291, 530-532.	6.0	1
3	Inhibition of IL17A Using an Affibody Molecule Attenuates Inflammation in ApoE-Deficient Mice. Frontiers in Cardiovascular Medicine, 2022, 9, 831039.	2.4	0
4	Metabolism in atherosclerotic plaques: immunoregulatory mechanisms in the arterial wall. Clinical Science, 2022, 136, 435-454.	4.3	8
5	Genetic Deficiency of Indoleamine 2,3-dioxygenase Aggravates Vascular but Not Liver Disease in a Nonalcoholic Steatohepatitis and Atherosclerosis Comorbidity Model. International Journal of Molecular Sciences, 2022, 23, 5203.	4.1	3
6	Animal Models of Atherosclerosisâ€“Supportive Notes and Tricks of the Trade. Circulation Research, 2022, 130, 1869-1887.	4.5	26
7	Evidence that a deviation in the kynurenine pathway aggravates atherosclerotic disease in humans. Journal of Internal Medicine, 2021, 289, 53-68.	6.0	33
8	Disruption of GPR35 Signaling in Bone Marrow-Derived Cells Does Not Influence Vascular Inflammation and Atherosclerosis in Hyperlipidemic Mice. Metabolites, 2021, 11, 411.	2.9	6
9	Open Up your Science inEHJ Open. European Heart Journal Open, 2021, 1, .	2.3	1
10	The resolvin D1 receptor GPR32 transduces inflammation resolution and atheroprotection. Journal of Clinical Investigation, 2021, 131, .	8.2	37
11	3-Hydroxyanthralinic acid metabolism controls the hepatic SREBP/lipoprotein axis, inhibits inflammasome activation in macrophages, and decreases atherosclerosis in Ldlrâ^'/â^' mice. Cardiovascular Research, 2020, 116, 1948-1957.	3.8	29
12	Platelet factor 4 enhances CD4+ T effector memory cell responses via Aktâ€PGC1Î±â€TFAM signalingâ€mediated mitochondrial biogenesis. Journal of Thrombosis and Haemostasis, 2020, 18, 2685-2700.	3.8	18
13	Ikk2-mediated inflammatory activation of arterial endothelial cells promotes the development and progression of atherosclerosis. Atherosclerosis, 2020, 307, 21-31.	0.8	9
14	Exhaustion of CD4+ T-cells mediated by the Kynurenine Pathway in Melanoma. Scientific Reports, 2019, 9, 12150.	3.3	54
15	Quantification of Atherosclerosis in Mice. Journal of Visualized Experiments, 2019, , .	0.3	21
16	Proinflammatory Action of a New Electronegative Low-Density Lipoprotein Epitope. Biomolecules, 2019, 9, 386.	4.0	7
17	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
18	Germinal Centerâ€Derived Antibodies Promote Atherosclerosis Plaque Size and Stability. Circulation, 2019, 139, 2466-2482.	1.6	51

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19	The immunometabolic role of indoleamine 2,3-dioxygenase in atherosclerotic cardiovascular disease: immune homeostatic mechanisms in the artery wall. Cardiovascular Research, 2019, 115, 1408-1415.	3.8	26
20	Immunomodulatory effects of interferon-Î³ on human fetal cardiac mesenchymal stromal cells. Stem Cell Research and Therapy, 2019, 10, 371.	5.5	5
21	Identifying the anti-inflammatory response to lipid lowering therapy: a position paper from the working group on atherosclerosis and vascular biology of the European Society of Cardiology. Cardiovascular Research, 2019, 115, 10-19.	3.8	72
22	The interplay between cytokines and the Kynurenine pathway in inflammation and atherosclerosis. Cytokine, 2019, 122, 154148.	3.2	99
23	Increased uptake of oxLDL does not exert lipotoxic effects in insulin-secreting cells. Journal of Molecular Endocrinology, 2019, 62, 159-168.	2.5	3
24	Fatal demyelinating disease is induced by monocyte-derived macrophages in the absence of TGF-Î² signaling. Nature Immunology, 2018, 19, 1-7.	14.5	62
25	Lipid-driven immunometabolic responses in atherosclerosis. Current Opinion in Lipidology, 2018, 29, 375-380.	2.7	33
26	Interplay between hypercholesterolaemia and inflammation in atherosclerosis: Translating experimental targets into clinical practice. European Journal of Preventive Cardiology, 2018, 25, 948-955.	1.8	46
27	Apoptosis and Mobilization of Lymphocytes to Cardiac Tissue Is Associated with Myocardial Infarction in a Reperfused Porcine Model and Infarct Size in Post-PCI Patients. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-9.	4.0	16
28	Activation of the Regulatory T-Cell/Indoleamine 2,3-Dioxygenase Axis Reduces Vascular Inflammation and Atherosclerosis in Hyperlipidemic Mice. Frontiers in Immunology, 2018, 9, 950.	4.8	29
29	Low-Density Lipoprotein-Reactive T Cells Regulate Plasma Cholesterol Levels and Development of Atherosclerosis in Humanized Hypercholesterolemic Mice. Circulation, 2018, 138, 2513-2526.	1.6	49
30	Susceptibility of low-density lipoprotein particles to aggregate depends on particle lipidome, is modifiable, and associates with future cardiovascular deaths. European Heart Journal, 2018, 39, 2562-2573.	2.2	126
31	ERV1/ChemR23 Signaling Protects Against Atherosclerosis by Modifying Oxidized Low-Density Lipoprotein Uptake and Phagocytosis in Macrophages. Circulation, 2018, 138, 1693-1705.	1.6	106
32	Acute Loss of Apolipoprotein E Triggers an Autoimmune Response That Accelerates Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, e145-e158.	2.4	38
33	Abstract 454: Repression of Map1lc3a During Atherosclerosis Progression Plays an Important Role in the Regulation of Vascular Smooth Muscle Cell Phenotype. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, .	2.4	0
34	Vaccination against Tâ€cell epitopes of native ApoB100 reduces vascular inflammation and disease in a humanized mouse model of atherosclerosis. Journal of Internal Medicine, 2017, 281, 383-397.	6.0	51
35	Hypercholesterolemia Induces Differentiation of Regulatory T Cells in the Liver. Circulation Research, 2017, 120, 1740-1753.	4.5	55
36	Hypercholesterolemia Enhances T Cell Receptor Signaling and Increases the Regulatory T Cell Population. Scientific Reports, 2017, 7, 15655.	3.3	51

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37	Microvesicles in vascular homeostasis and diseases. Thrombosis and Haemostasis, 2017, 117, 1296-1316.	3.4	193
38	The inflammatory cytokine interferonâ€gamma inhibits sortilinâ€1 expression in hepatocytes via the JAK/STAT pathway. European Journal of Immunology, 2017, 47, 1918-1924.	2.9	15
39	Neil3-dependent base excision repair regulates lipid metabolism and prevents atherosclerosis in Apoe-deficient mice. Scientific Reports, 2016, 6, 28337.	3.3	26
40	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
41	Adaptive Response of T and B Cells in Atherosclerosis. Circulation Research, 2016, 118, 668-678.	4.5	209
42	Modulation of Autoimmunity and Atherosclerosisã€€â€“ Common Targets and Promising Translational Approaches Against Disease â€“. Circulation Journal, 2015, 79, 924-933.	1.6	38
43	The role of the kynurenine pathway of tryptophan metabolism in cardiovascular disease. Hamostaseologie, 2015, 35, 128-136.	1.9	85
44	Sterile inflammation in the spleen during atherosclerosis provides oxidation-specific epitopes that induce a protective B-cell response. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2030-8.	7.1	62
45	Inhibition of indoleamine 2,3-dioxygenase promotes vascular inflammation and increases atherosclerosis in Apoeâ^'/â^' mice. Cardiovascular Research, 2015, 106, 295-302.	3.8	77
46	Toll-Like Receptor 3 Influences Glucose Homeostasis and Î²-Cell Insulin Secretion. Diabetes, 2015, 64, 3425-3438.	0.6	18
47	Immunostaining of Lymphocytes in Mouse Atherosclerotic Plaque. Methods in Molecular Biology, 2015, 1339, 149-159.	0.9	13
48	The leukotriene B4 receptor (BLT) antagonist BIIL284 decreases atherosclerosis in ApoEâ^'/â^' mice. Prostaglandins and Other Lipid Mediators, 2015, 121, 105-109.	1.9	26
49	Mycobacterium bovis <scp>BCG</scp> killed by extended freezeâ€drying induces an immunoregulatory profile and protects against atherosclerosis. Journal of Internal Medicine, 2014, 275, 49-58.	6.0	35
50	Apolipoprotein B100 danger-associated signal 1 (ApoBDS-1) triggers platelet activation and boosts platelet-leukocyte proinflammatory responses. Thrombosis and Haemostasis, 2014, 112, 332-341.	3.4	10
51	Lymphocytes in Atherosclerosis. , 2014, , 686-691.		0
52	Transforming Growth Factorâ€“Î² Signaling in T Cells Promotes Stabilization of Atherosclerotic Plaques Through an Interleukin-17â€“Dependent Pathway. Science Translational Medicine, 2013, 5, 196ra100.	12.4	162
53	Depletion of FOXP3+ regulatory T cells promotes hypercholesterolemia and atherosclerosis. Journal of Clinical Investigation, 2013, 123, 1323-1334.	8.2	304
54	Lack of Invariant Natural Killer T Cells Affects Lipid Metabolism in Adipose Tissue of Diet-Induced Obese Mice. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 1189-1196.	2.4	21

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55	Toll-like receptor 3 and 4 signalling through the TRIF and TRAM adaptors in haematopoietic cells promotes atherosclerosis. Cardiovascular Research, 2013, 99, 364-373.	3.8	94
56	Uptake of oxLDL and IL-10 Production by Macrophages Requires PAFR and CD36 Recruitment into the Same Lipid Rafts. PLoS ONE, 2013, 8, e76893.	2.5	42
57	T Cell-based Therapies for Atherosclerosis. Current Pharmaceutical Design, 2013, 19, 5850-5858.	1.9	36
58	Abstract 129: Investigation of Atherosclerosis in Association with Arthritic Inflammation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, .	2.4	0
59	The tryptophan metabolite 3-hydroxyanthranilic acid lowers plasma lipids and decreases atherosclerosis in hypercholesterolaemic mice. European Heart Journal, 2012, 33, 2025-2034.	2.2	92
60	Subcutaneous immunization with heat shock protein-65 reduces atherosclerosis in Apoeâ¯'/â¯' mice. Immunobiology, 2012, 217, 540-547.	1.9	49
61	Immunotherapy With Tolerogenic Apolipoprotein B-100â€"Loaded Dendritic Cells Attenuates Atherosclerosis in Hypercholesterolemic Mice. Circulation, 2011, 123, 1083-1091.	1.6	175
62	Cellular immunity, low-density lipoprotein and atherosclerosis: Break of tolerance in the artery wall. Thrombosis and Haemostasis, 2011, 106, 779-786.	3.4	103
63	The Role of Matrix Metalloproteinases in Atherothrombosis. Current Atherosclerosis Reports, 2011, 13, 162-169.	4.8	84
64	Identification of a Danger-Associated Peptide From Apolipoprotein B100 (ApoBDS-1) That Triggers Innate Proatherogenic Responses. Circulation, 2011, 124, 2433-2443.	1.6	45
65	Matrix Metalloproteinases in Atherothrombosis. Progress in Cardiovascular Diseases, 2010, 52, 410-428.	3.1	164
66	High-Density Lipoprotein Inhibits the Uptake of Modified Low- Density Lipoprotein and the Expression of CD36 and Fcî³RI. Journal of Atherosclerosis and Thrombosis, 2010, 17, 844-857.	2.0	11
67	Intranasal Immunization With an Apolipoprotein B-100 Fusion Protein Induces Antigen-Specific Regulatory T Cells and Reduces Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2010, 30, 946-952.	2.4	179
68	Inhibition of T cell response to native low-density lipoprotein reduces atherosclerosis. Journal of Experimental Medicine, 2010, 207, 1081-1093.	8.5	212
69	Autoantibody Response to Chromatographic Fractions from Oxidized LDL in Unstable Angina Patients and Healthy Controls. Scandinavian Journal of Immunology, 2008, 68, 456-462.	2.7	22
70	Role of PPAR-gamma in the Modulation of CD36 and FcgammaRII induced by LDL with Low and High Degrees of Oxidation During the Differentiation of the Monocytic THP-1 Cell Line. Cellular Physiology and Biochemistry, 2008, 22, 549-556.	1.6	21
71	Soy protein containing isoflavones favorably influences macrophage lipoprotein metabolism but not the development of atherosclerosis in CETP transgenic mice. Lipids, 2006, 41, 655-662.	1.7	3
72	Atherosclerosis is enhanced by testosterone deficiency and attenuated by CETP expression in transgenic mice. Journal of Lipid Research, 2006, 47, 1526-1534.	4.2	32

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73	The Autoantibody Repertoire Against Copper- or Macrophage-Modified LDL Differs in Normolipidemics and Hypercholesterolemic Patients. Journal of Clinical Immunology, 2004, 24, 170-176.	3.8	34
74	Increased microvascular permeability in the hamster cheek pouch induced by oxidized low density lipoprotein (oxLDL) and some fragmented apolipoprotein B proteins. Inflammation Research, 2003, 52, 215-220.	4.0	23
75	Isolation, characterization and biological activity of acidic phospholipase A2 isoforms from Bothrops jararacussu snake venom. Biochimie, 2003, 85, 983-991.	2.6	45
76	Macrophages take up triacylglycerol-rich emulsions at a faster rate upon co-incubation with native and modified LDL: An investigation on the role of natural chylomicrons in atherosclerosis. Journal of Cellular Biochemistry, 2002, 84, 309-323.	2.6	18