

Holger Winkels

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

3,110
citations

236833

25
h-index

276775

41
g-index

45
all docs

45
docs citations

45
times ranked

3739
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-Cell RNA-Seq Reveals the Transcriptional Landscape and Heterogeneity of Aortic Macrophages in Murine Atherosclerosis. <i>Circulation Research</i> , 2018, 122, 1661-1674.	2.0	577
2	T cell subsets and functions in atherosclerosis. <i>Nature Reviews Cardiology</i> , 2020, 17, 387-401.	6.1	379
3	Atlas of the Immune Cell Repertoire in Mouse Atherosclerosis Defined by Single-Cell RNA-Sequencing and Mass Cytometry. <i>Circulation Research</i> , 2018, 122, 1675-1688.	2.0	377
4	Meta-Analysis of Leukocyte Diversity in Atherosclerotic Mouse Aortas. <i>Circulation Research</i> , 2020, 127, 402-426.	2.0	207
5	Regulatory CD4 ⁺ T Cells Recognize Major Histocompatibility Complex Class II Molecule-â€Restricted Peptide Epitopes of Apolipoprotein B. <i>Circulation</i> , 2018, 138, 1130-1143.	1.6	140
6	Blocking CD40-TRAF6 signaling is a therapeutic target in obesity-associated insulin resistance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 2686-2691.	3.3	112
7	Pathogenic Autoimmunity in Atherosclerosis Evolves From Initially Protective Apolipoprotein B _{<sub>100</sub>} â€Reactive CD4 ⁺ T-Regulatory Cells. <i>Circulation</i> , 2020, 142, 1279-1293.	1.6	100
8	Regulatory T cells in atherosclerosis: critical immune regulatory function and therapeutic potential. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 901-922.	2.4	93
9	Platelet CD40 Exacerbates Atherosclerosis by Transcellular Activation of Endothelial Cells and Leukocytes. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 482-490.	1.1	90
10	Single Cell RNA Sequencing in Atherosclerosis Research. <i>Circulation Research</i> , 2020, 126, 1112-1126.	2.0	84
11	Olfactory receptor 2 in vascular macrophages drives atherosclerosis by NLRP3-dependent IL-1 production. <i>Science</i> , 2022, 375, 214-221.	6.0	81
12	A ligand-specific blockade of the integrin Mac-1 selectively targets pathologic inflammation while maintaining protective host-defense. <i>Nature Communications</i> , 2018, 9, 525.	5.8	72
13	Abrogated transforming growth factor beta receptor II (TGFÎ²RII) signalling in dendritic cells promotes immune reactivity of T cells resulting in enhanced atherosclerosis. <i>European Heart Journal</i> , 2013, 34, 3717-3727.	1.0	62
14	PD-L1 expression on nonclassical monocytes reveals their origin and immunoregulatory function. <i>Science Immunology</i> , 2019, 4, .	5.6	60
15	IL-1 family cytokines in cardiovascular disease. <i>Cytokine</i> , 2019, 122, 154215.	1.4	52
16	Normalization of cholesterol metabolism in spinal microglia alleviates neuropathic pain. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	51
17	Migratory and Dancing Macrophage Subsets in Atherosclerotic Lesions. <i>Circulation Research</i> , 2019, 125, 1038-1051.	2.0	47
18	Heterogeneity of T Cells in Atherosclerosis Defined by Single-Cell RNA-Sequencing and Cytometry by Time of Flight. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021, 41, 549-563.	1.1	46

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19	Atherosclerosis in the single-cell era. <i>Current Opinion in Lipidology</i> , 2018, 29, 389-396.	1.2	44
20	Cell-specific and divergent roles of the CD40L-CD40 axis in atherosclerotic vascular disease. <i>Nature Communications</i> , 2021, 12, 3754.	5.8	39
21	ATVB Distinguished Scientist Award. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 764-777.	1.1	38
22	Deficiency of the T cell regulator <i>Casitas B-cell lymphoma-B</i> aggravates atherosclerosis by inducing CD8+ T cell-mediated macrophage death. <i>European Heart Journal</i> , 2019, 40, 372-382.	1.0	37
23	The Enzymatic and Non-Enzymatic Function of Myeloperoxidase (MPO) in Inflammatory Communication. <i>Antioxidants</i> , 2021, 10, 562.	2.2	36
24	CD27 co-stimulation increases the abundance of regulatory T cells and reduces atherosclerosis in hyperlipidaemic mice. <i>European Heart Journal</i> , 2017, 38, 3590-3599.	1.0	35
25	Elongated neutrophil-derived structures are blood-borne microparticles formed by rolling neutrophils during sepsis. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	29
26	Constitutive GITR Activation Reduces Atherosclerosis by Promoting Regulatory CD4 ⁺ T-Cell Responsesâ€”Brief Report. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1748-1752.	1.1	28
27	Vaccination in Atherosclerosis. <i>Cells</i> , 2020, 9, 2560.	1.8	24
28	Glucocorticoid-induced tumour necrosis factor receptor family-related protein (GITR) drives atherosclerosis in mice and is associated with an unstable plaque phenotype and cerebrovascular events in humans. <i>European Heart Journal</i> , 2020, 41, 2938-2948.	1.0	22
29	CD70 limits atherosclerosis and promotes macrophage function. <i>Thrombosis and Haemostasis</i> , 2017, 117, 164-175.	1.8	21
30	CX3CL1-Fc treatment prevents atherosclerosis in Ldlr KO mice. <i>Molecular Metabolism</i> , 2019, 20, 89-101.	3.0	21
31	A clinically applicable adjuvant for an atherosclerosis vaccine in mice. <i>European Journal of Immunology</i> , 2018, 48, 1580-1587.	1.6	19
32	CD40L Deficiency Protects Against Aneurysm Formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 1076-1085.	1.1	18
33	Nitro-oleic acid reduces thoracic aortic aneurysm progression in a mouse model of Marfan syndrome. <i>Cardiovascular Research</i> , 2022, 118, 2211-2225.	1.8	15
34	Natural Killer Cells at Ease. <i>Circulation Research</i> , 2018, 122, 6-7.	2.0	14
35	Constitutive CD40 Signaling in Dendritic Cells Limits Atherosclerosis by Provoking Inflammatory Bowel Disease and Ensuing Cholesterol Malabsorption. <i>American Journal of Pathology</i> , 2017, 187, 2912-2919.	1.9	11
36	Alterations in systemic levels of Th1, Th2, and Th17 cytokines in overweight adolescents and obese mice. <i>Pediatric Diabetes</i> , 2017, 18, 714-721.	1.2	10

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37	Naive CD8 + T Cells Expressing CD95 Increase Human Cardiovascular Disease Severity. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 2845-2859.	1.1	8
38	Nitro-Oleic Acid (NO ₂ -OA) Improves Systolic Function in Dilated Cardiomyopathy by Attenuating Myocardial Fibrosis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9052.	1.8	6
39	Autoimmune Regulator (AIRE) Deficiency Does Not Affect Atherosclerosis and CD4 T Cell Immune Tolerance to Apolipoprotein B. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 812769.	1.1	2
40	Immunotherapeutic Strategies in Cancer and Atherosclerosisâ€”Two Sides of the Same Coin. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 812702.	1.1	2
41	Thymus-Derived CD4+CD8+ Cells Reside in Mediastinal Adipose Tissue and the Aortic Arch. <i>Journal of Immunology</i> , 2021, 207, ji2100208.	0.4	1
42	Atherosclerosis. <i>Current Opinion in Lipidology</i> , 2014, 25, 408-409.	1.2	0
43	Stamp2 Protects From Maladaptive Structural Remodeling and Systolic Dysfunction in Post-Ischemic Hearts by Attenuating Neutrophil Activation. <i>Frontiers in Immunology</i> , 2021, 12, 701721.	2.2	0
44	Abstract 592: Constitutive CD40-Signaling in Dendritic Cells Limits Atherosclerosis by Provoking Inflammatory Bowel Disease and Ensuing Cholesterol Malabsorption. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, .	1.1	0
45	Neutrophils form elongated shearâ€derived particles (SDP) via shedding tethers and slings. <i>FASEB Journal</i> , 2018, 32, 574.6.	0.2	0