Holger Winkels

List of Publications by Year
in descending order

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45	3,110	236833	276775
papers	citations	25 h-index	41 g-index

45	45	45	3739
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nitro-oleic acid reduces thoracic aortic aneurysm progression in a mouse model of Marfan syndrome. Cardiovascular Research, 2022, 118, 2211-2225.	1.8	15
2	Olfactory receptor 2 in vascular macrophages drives atherosclerosis by NLRP3-dependent IL-1 production. Science, 2022, 375, 214-221.	6.0	81
3	Heterogeneity of T Cells in Atherosclerosis Defined by Single-Cell RNA-Sequencing and Cytometry by Time of Flight. Arteriosclerosis, Thrombosis, and Vascular Biology, 2021, 41, 549-563.	1.1	46
4	The Enzymatic and Non-Enzymatic Function of Myeloperoxidase (MPO) in Inflammatory Communication. Antioxidants, 2021, 10, 562.	2.2	36
5	Normalization of cholesterol metabolism in spinal microglia alleviates neuropathic pain. Journal of Experimental Medicine, 2021, 218, .	4.2	51
6	Cell-specific and divergent roles of the CD40L-CD40 axis in atherosclerotic vascular disease. Nature Communications, 2021, 12, 3754.	5.8	39
7	Nitro-Oleic Acid (NO2-OA) Improves Systolic Function in Dilated Cardiomyopathy by Attenuating Myocardial Fibrosis. International Journal of Molecular Sciences, 2021, 22, 9052.	1.8	6
8	Elongated neutrophil-derived structures are blood-borne microparticles formed by rolling neutrophils during sepsis. Journal of Experimental Medicine, 2021, 218, .	4.2	29
9	Stamp2 Protects From Maladaptive Structural Remodeling and Systolic Dysfunction in Post-Ischemic Hearts by Attenuating Neutrophil Activation. Frontiers in Immunology, 2021, 12, 701721.	2.2	0
10	Thymus-Derived CD4+CD8+ Cells Reside in Mediastinal Adipose Tissue and the Aortic Arch. Journal of Immunology, 2021, 207, ji2100208.	0.4	1
11	Autoimmune Regulator (AIRE) Deficiency Does Not Affect Atherosclerosis and CD4 T Cell Immune Tolerance to Apolipoprotein B. Frontiers in Cardiovascular Medicine, 2021, 8, 812769.	1.1	2
12	Immunotherapeutic Strategies in Cancer and Atherosclerosisâ€"Two Sides of the Same Coin. Frontiers in Cardiovascular Medicine, 2021, 8, 812702.	1.1	2
13	Naive CD8 + T Cells Expressing CD95 Increase Human Cardiovascular Disease Severity. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 2845-2859.	1.1	8
14	Meta-Analysis of Leukocyte Diversity in Atherosclerotic Mouse Aortas. Circulation Research, 2020, 127, 402-426.	2.0	207
15	Vaccination in Atherosclerosis. Cells, 2020, 9, 2560.	1.8	24
16	Pathogenic Autoimmunity in Atherosclerosis Evolves From Initially Protective Apolipoprotein B ₁₀₀ â€"Reactive CD4 ⁺ T-Regulatory Cells. Circulation, 2020, 142, 1279-1293.	1.6	100
17	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. European Heart Journal, 2020, 41, 2938-2948.	1.0	22
18	T cell subsets and functions in atherosclerosis. Nature Reviews Cardiology, 2020, 17, 387-401.	6.1	379

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19	Single Cell RNA Sequencing in Atherosclerosis Research. Circulation Research, 2020, 126, 1112-1126.	2.0	84
20	Migratory and Dancing Macrophage Subsets in Atherosclerotic Lesions. Circulation Research, 2019, 125, 1038-1051.	2.0	47
21	PD-L1 expression on nonclassical monocytes reveals their origin and immunoregulatory function. Science Immunology, 2019, 4, .	5.6	60
22	Deficiency of the T cell regulator Casitas B-cell lymphoma-B aggravates atherosclerosis by inducing CD8+ T cell-mediated macrophage death. European Heart Journal, 2019, 40, 372-382.	1.0	37
23	CX3CL1-Fc treatment prevents atherosclerosis in Ldlr KO mice. Molecular Metabolism, 2019, 20, 89-101.	3.0	21
24	IL-1 family cytokines in cardiovascular disease. Cytokine, 2019, 122, 154215.	1.4	52
25	CD40L Deficiency Protects Against Aneurysm Formation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 1076-1085.	1.1	18
26	A ligand-specific blockade of the integrin Mac-1 selectively targets pathologic inflammation while maintaining protective host-defense. Nature Communications, 2018, 9, 525.	5.8	72
27	Natural Killer Cells at Ease. Circulation Research, 2018, 122, 6-7.	2.0	14
28	Single-Cell RNA-Seq Reveals the Transcriptional Landscape and Heterogeneity of Aortic Macrophages in Murine Atherosclerosis. Circulation Research, 2018, 122, 1661-1674.	2.0	577
29	Atlas of the Immune Cell Repertoire in Mouse Atherosclerosis Defined by Single-Cell RNA-Sequencing and Mass Cytometry. Circulation Research, 2018, 122, 1675-1688.	2.0	377
30	Regulatory CD4 ⁺ T Cells Recognize Major Histocompatibility Complex Class II Moleculeâ€“Restricted Peptide Epitopes of Apolipoprotein B. Circulation, 2018, 138, 1130-1143.	1.6	140
31	Atherosclerosis in the single-cell era. Current Opinion in Lipidology, 2018, 29, 389-396.	1.2	44
32	A clinically applicable adjuvant for an atherosclerosis vaccine in mice. European Journal of Immunology, 2018, 48, 1580-1587.	1.6	19
33	Neutrophils form elongated shearâ€derived particles (SDP) via shedding tethers and slings. FASEB Journal, 2018, 32, 574.6.	0.2	0
34	ATVB Distinguished Scientist Award. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 764-777.	1.1	38
35	Constitutive CD40 Signaling in Dendritic Cells Limits Atherosclerosis by Provoking Inflammatory Bowel Disease and Ensuing Cholesterol Malabsorption. American Journal of Pathology, 2017, 187, 2912-2919.	1.9	11
36	CD27 co-stimulation increases the abundance of regulatory T cells and reduces atherosclerosis in hyperlipidaemic mice. European Heart Journal, 2017, 38, 3590-3599.	1.0	35

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37	Alterations in systemic levels of Th1, Th2, and Th17 cytokines in overweight adolescents and obese mice. Pediatric Diabetes, 2017, 18, 714-721.	1.2	10
38	CD70 limits atherosclerosis and promotes macrophage function. Thrombosis and Haemostasis, 2017, 117, 164-175.	1.8	21
39	Abstract 592: Constitutive CD40-Signaling in Dendritic Cells Limits Atherosclerosis by Provoking Inflammatory Bowel Disease and Ensuing Cholesterol Malabsorption. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, .	1.1	0
40	Constitutive GITR Activation Reduces Atherosclerosis by Promoting Regulatory CD4 ⁺ T-Cell Responsesâ€"Brief Report. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1748-1752.	1.1	28
41	Platelet CD40 Exacerbates Atherosclerosis by Transcellular Activation of Endothelial Cells and Leukocytes. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 482-490.	1.1	90
42	Regulatory T cells in atherosclerosis: critical immune regulatory function and therapeutic potential. Cellular and Molecular Life Sciences, 2016, 73, 901-922.	2.4	93
43	Blocking CD40-TRAF6 signaling is a therapeutic target in obesity-associated insulin resistance. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 2686-2691.	3.3	112
44	Atherosclerosis. Current Opinion in Lipidology, 2014, 25, 408-409.	1.2	0
45	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.	1.0	62