

Dennis Wolf

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

88
papers

2,814
citations

30
h-index

52
g-index

98
ext. papers

4,032
ext. citations

8.8
avg, IF

5.83
L-index

#	Paper	IF	Citations
88	Immunity and Inflammation in Atherosclerosis. <i>Circulation Research</i> , 2019 , 124, 315-327	15.7	427
87	Single-Cell RNA-Seq Reveals the Transcriptional Landscape and Heterogeneity of Aortic Macrophages in Murine Atherosclerosis. <i>Circulation Research</i> , 2018 , 122, 1661-1674	15.7	316
86	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	15.7	212
85	Meta-Analysis of Leukocyte Diversity in Atherosclerotic Mouse Aortas. <i>Circulation Research</i> , 2020 , 127, 402-426	15.7	91
84	Binding of CD40L to Mac-1 β I-domain involves the EQLKKSRTL motif and mediates leukocyte recruitment and atherosclerosis--but does not affect immunity and thrombosis in mice. <i>Circulation Research</i> , 2011 , 109, 1269-79	15.7	75
83	Regulatory CD4 T Cells Recognize Major Histocompatibility Complex Class II Molecule-Restricted Peptide Epitopes of Apolipoprotein B. <i>Circulation</i> , 2018 , 138, 1130-1143	16.7	71
82	CCR5+T-bet+FoxP3+ Effector CD4 T Cells Drive Atherosclerosis. <i>Circulation Research</i> , 2016 , 118, 1540-5215.7	15.7	68
81	Endothelial Protective Monocyte Patrolling in Large Arteries Intensified by Western Diet and Atherosclerosis. <i>Circulation Research</i> , 2017 , 120, 1789-1799	15.7	66
80	P2X Deficiency Blocks Lesional Inflammasome Activity and Ameliorates Atherosclerosis in Mice. <i>Circulation</i> , 2017 , 135, 2524-2533	16.7	58
79	Natural variation of macrophage activation as disease-relevant phenotype predictive of inflammation and cancer survival. <i>Nature Communications</i> , 2017 , 8, 16041	17.4	58
78	CD40L and Its Receptors in Atherothrombosis-An Update. <i>Frontiers in Cardiovascular Medicine</i> , 2017 , 4, 40	5.4	58
77	Platelet Serotonin Aggravates Myocardial Ischemia/Reperfusion Injury via Neutrophil Degranulation. <i>Circulation</i> , 2019 , 139, 918-931	16.7	58
76	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	17.4	57
75	Tumor necrosis factor receptor-associated factor 1 (TRAF1) deficiency attenuates atherosclerosis in mice by impairing monocyte recruitment to the vessel wall. <i>Circulation</i> , 2010 , 121, 2033-44	16.7	54
74	CD40L induces inflammation and adipogenesis in adipose cells--a potential link between metabolic and cardiovascular disease. <i>Thrombosis and Haemostasis</i> , 2010 , 103, 788-96	7	52
73	The oral spleen tyrosine kinase inhibitor fostamatinib attenuates inflammation and atherogenesis in low-density lipoprotein receptor-deficient mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 1991-9	9.4	49
72	Coinhibitory suppression of T cell activation by CD40 protects against obesity and adipose tissue inflammation in mice. <i>Circulation</i> , 2014 , 129, 2414-25	16.7	48

71	Ultrasound renal denervation for hypertension resistant to a triple medication pill (RADIANCE-HTN TRIO): a randomised, multicentre, single-blind, sham-controlled trial. <i>Lancet, The</i> , 2021 , 397, 2476-2486	4 ⁰	47
70	Beyond vascular inflammation--recent advances in understanding atherosclerosis. <i>Cellular and Molecular Life Sciences</i> , 2015 , 72, 3853-69	10.3	46
69	P2Y6 deficiency limits vascular inflammation and atherosclerosis in mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 2237-45	9.4	44
68	TRAF5 deficiency accelerates atherogenesis in mice by increasing inflammatory cell recruitment and foam cell formation. <i>Circulation Research</i> , 2010 , 107, 757-66	15.7	43
67	Low-molecular-weight hyaluronic acid induces nuclear factor-kappaB-dependent resistance against tumor necrosis factor alpha-mediated liver injury in mice. <i>Hepatology</i> , 2001 , 34, 535-47	11.2	43
66	Pathogenic Autoimmunity in Atherosclerosis Evolves From Initially Protective Apolipoprotein B-Reactive CD4 T-Regulatory Cells. <i>Circulation</i> , 2020 , 142, 1279-1293	16.7	42
65	Extracellular ATP Induces Vascular Inflammation and Atherosclerosis via Purinergic Receptor Y2 in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016 , 36, 1577-86	9.4	40
64	Purinergic receptor Y (P2Y)- dependent VCAM-1 expression promotes immune cell infiltration in metabolic syndrome. <i>Basic Research in Cardiology</i> , 2018 , 113, 45	11.8	39
63	Acute exposure to air pollution particulate matter aggravates experimental myocardial infarction in mice by potentiating cytokine secretion from lung macrophages. <i>Basic Research in Cardiology</i> , 2016 , 111, 44	11.8	38
62	Inflammatory mechanisms in atherosclerosis. <i>Hamostaseologie</i> , 2014 , 34, 63-71	1.9	31
61	CD40L deficiency attenuates diet-induced adipose tissue inflammation by impairing immune cell accumulation and production of pathogenic IgG-antibodies. <i>PLoS ONE</i> , 2012 , 7, e33026	3.7	31
60	TWEAK mediates inflammation in experimental atopic dermatitis and psoriasis. <i>Nature Communications</i> , 2017 , 8, 15395	17.4	30
59	Atheroprotective vaccination with MHC-II-restricted ApoB peptides induces peritoneal IL-10-producing CD4 T cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017 , 312, H781-H790	5.2	30
58	Atherosclerosis in the single-cell era. <i>Current Opinion in Lipidology</i> , 2018 , 29, 389-396	4.4	29
57	Migratory and Dancing Macrophage Subsets in Atherosclerotic Lesions. <i>Circulation Research</i> , 2019 , 125, 1038-1051	15.7	26
56	Pathogenic Role of Air Pollution Particulate Matter in Cardiometabolic Disease: Evidence from Mice and Humans. <i>Antioxidants and Redox Signaling</i> , 2020 , 33, 263-279	8.4	22
55	Atheroprotection through SYK inhibition fails in established disease when local macrophage proliferation dominates lesion progression. <i>Basic Research in Cardiology</i> , 2016 , 111, 20	11.8	22
54	Glucose lowering by SGLT2-inhibitor empagliflozin accelerates atherosclerosis regression in hyperglycemic STZ-diabetic mice. <i>Scientific Reports</i> , 2019 , 9, 17937	4.9	21

53	Tumor necrosis factor receptor associated factor 6 is not required for atherogenesis in mice and does not associate with atherosclerosis in humans. <i>PLoS ONE</i> , 2010 , 5, e11589	3.7	20
52	Cannabinoid receptor 2 signaling does not modulate atherogenesis in mice. <i>PLoS ONE</i> , 2011 , 6, e19405	3.7	20
51	Mac-1 directly binds to the endothelial protein C-receptor: a link between the protein C anticoagulant pathway and inflammation?. <i>PLoS ONE</i> , 2013 , 8, e53103	3.7	20
50	Inhibition of macrophage proliferation dominates plaque regression in response to cholesterol lowering. <i>Basic Research in Cardiology</i> , 2020 , 115, 78	11.8	19
49	Interruption of classic CD40L-CD40 signalling but not of the novel CD40L-Mac-1 interaction limits arterial neointima formation in mice. <i>Thrombosis and Haemostasis</i> , 2014 , 112, 379-89	7	19
48	Residual inflammatory risk in coronary heart disease: incidence of elevated high-sensitive CRP in a real-world cohort. <i>Clinical Research in Cardiology</i> , 2020 , 109, 315-323	6.1	19
47	Ovarian follicular function is not altered by SARS-CoV-2 infection or BNT162b2 mRNA COVID-19 vaccination. <i>Human Reproduction</i> , 2021 , 36, 2506-2513	5.7	19
46	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	9.4	17
45	Impaired SIRT3 activity mediates cardiac dysfunction in endotoxemia by calpain-dependent disruption of ATP synthesis. <i>Journal of Molecular and Cellular Cardiology</i> , 2019 , 133, 138-147	5.8	16
44	Inflammatory Cell Recruitment in Cardiovascular Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 635527	5.7	15
43	Inflammation, but not recruitment, of adipose tissue macrophages requires signalling through Mac-1 (CD11b/CD18) in diet-induced obesity (DIO). <i>Thrombosis and Haemostasis</i> , 2017 , 117, 325-338	7	14
42	The Use and Outcomes of Cerebral Protection Devices for Patients Undergoing Transfemoral Transcatheter Aortic Valve Replacement in Clinical Practice. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, 161-168	5	14
41	Real-time magnetic resonance imaging - guided coronary intervention in a porcine model. <i>Scientific Reports</i> , 2019 , 9, 8663	4.9	13
40	The trafficking protein JFC1 regulates Rac1-GTP localization at the uropod controlling neutrophil chemotaxis and in vivo migration. <i>Journal of Leukocyte Biology</i> , 2019 , 105, 1209-1224	6.5	13
39	Inflammatory Pathways Regulated by Tumor Necrosis Receptor-Associated Factor 1 Protect From Metabolic Consequences in Diet-Induced Obesity. <i>Circulation Research</i> , 2018 , 122, 693-700	15.7	12
38	A clinically applicable adjuvant for an atherosclerosis vaccine in mice. <i>European Journal of Immunology</i> , 2018 , 48, 1580-1587	6.1	12
37	The TWEAK/Fn14 pathway is required for calcineurin inhibitor toxicity of the kidneys. <i>American Journal of Transplantation</i> , 2018 , 18, 1636-1645	8.7	11
36	Coronary magnetic resonance imaging after routine implantation of bioresorbable vascular scaffolds allows non-invasive evaluation of vascular patency. <i>PLoS ONE</i> , 2018 , 13, e0191413	3.7	9

35	Dual targeting improves capture of ultrasound microbubbles towards activated platelets but yields no additional benefit for imaging of arterial thrombosis. <i>Scientific Reports</i> , 2017 , 7, 14898	4.9	7
34	Combined Laser-Doppler Flowmetry and Spectrophotometry: Feasibility Study of a Novel Device for Monitoring Local Cortical Microcirculation during Aneurysm Surgery. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2017 , 78, 1-11	1.1	6
33	A DARPIn targeting activated Mac-1 is a novel diagnostic tool and potential anti-inflammatory agent in myocarditis, sepsis and myocardial infarction. <i>Basic Research in Cardiology</i> , 2021 , 116, 17	11.8	6
32	Intraoperative continuous cerebral microcirculation measurement in patients with aneurysmal subarachnoid hemorrhage: preliminary data on the early administration of magnesium sulfate. <i>BMC Anesthesiology</i> , 2017 , 17, 143	2.4	5
31	Dysregulation of the Mitochondrial Proteome Occurs in Mice Lacking Adiponectin Receptor 1. <i>Frontiers in Endocrinology</i> , 2019 , 10, 872	5.7	5
30	ApoB-Specific CD4 T Cells in Mouse and Human Atherosclerosis. <i>Cells</i> , 2021 , 10,	7.9	5
29	Deficiency of Endothelial CD40 Induces a Stable Plaque Phenotype and Limits Inflammatory Cell Recruitment to Atherosclerotic Lesions in Mice. <i>Thrombosis and Haemostasis</i> , 2021 , 121, 1530-1540	7	5
28	HGF Guides T Cells into the Heart. <i>Immunity</i> , 2015 , 42, 979-81	32.3	4
27	Outcomes of transcatheter aortic valve implantations in high-volume or low-volume centres in Germany. <i>Heart</i> , 2020 , 106, 1604-1608	5.1	4
26	Platelet CD40 ligand and bleeding during P2Y12 inhibitor treatment in acute coronary syndrome. <i>Research and Practice in Thrombosis and Haemostasis</i> , 2019 , 3, 684-694	5.1	4
25	Pro- and anti-inflammatory macrophages express a sub-type specific purinergic receptor profile. <i>Purinergic Signalling</i> , 2021 , 17, 481-492	3.8	3
24	Myeloid cell-specific Irf5 deficiency stabilizes atherosclerotic plaques in ApoE mice. <i>Molecular Metabolism</i> , 2021 , 53, 101250	8.8	3
23	Intraoperative Vascular Neuromonitoring in Patients with Subarachnoid Hemorrhage: A Pilot Study Using Combined Laser-Doppler Spectrophotometry. <i>World Neurosurgery</i> , 2017 , 107, 542-548	2.1	2
22	Impact of Preprocedural Aortic Valve Calcification on Conduction Disturbances after Transfemoral Aortic Valve Replacement. <i>Cardiology</i> , 2021 , 146, 228-237	1.6	2
21	Genetic Deficiency of TRAF5 Promotes Adipose Tissue Inflammation and Aggravates Diet-Induced Obesity in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021 , 41, 2563-2574	9.4	2
20	Tumor Necrosis Factor Receptor-Associated Factor 5 Promotes Arterial Neointima Formation through Smooth Muscle Cell Proliferation. <i>Journal of Vascular Research</i> , 2019 , 56, 308-319	1.9	1
19	Macrophage-specific IRF5 deficiency stabilizes atherosclerotic plaques in ApoE ^{0/0} mice. <i>European Heart Journal</i> , 2020 , 41,	9.5	1
18	Apolipoprotein E derived from CD11c cells ameliorates atherosclerosis. <i>iScience</i> , 2022 , 25, 103677	6.1	1

17	Chronic exposure to polluted urban air aggravates myocardial infarction by impaired cardiac mitochondrial function and dynamics.. <i>Environmental Pollution</i> , 2021 , 295, 118677	9.3	1
16	Vaccination to Prevent Cardiovascular Disease. <i>Cardiac and Vascular Biology</i> , 2017 , 29-52	0.2	1
15	Bleeding Complications Drive In-Hospital Mortality of Patients with Atrial Fibrillation after Transcatheter Aortic Valve Replacement. <i>Thrombosis and Haemostasis</i> , 2020 , 120, 1580-1586	7	1
14	Data-Driven Kidney Transplant Phenotyping as a Histology-Independent Framework for Biomarker Discovery. <i>Journal of the American Society of Nephrology: JASN</i> , 2021 , 32, 1933-1945	12.7	1
13	The Role of Tumor Necrosis Factor Associated Factors (TRAFs) in Vascular Inflammation and Atherosclerosis.. <i>Frontiers in Cardiovascular Medicine</i> , 2022 , 9, 826630	5.4	1
12	P2X deficiency reduces atherosclerosis and plaque inflammation in mice.. <i>Scientific Reports</i> , 2022 , 12, 2801	4.9	1
11	P2Y-dependent activation of hematopoietic stem and progenitor cells promotes emergency hematopoiesis after myocardial infarction.. <i>Basic Research in Cardiology</i> , 2022 , 117, 16	11.8	1
10	P2Y Inhibition in Murine Myocarditis Results in Reduced Platelet Infiltration and Preserved Ejection Fraction.. <i>Cells</i> , 2021 , 10,	7.9	1
9	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	5.4	0
8	Modulating Autoimmunity against LDL: Development of a Vaccine against Atherosclerosis.. <i>Hamostaseologie</i> , 2021 , 41, 447-457	1.9	0
7	In-hospital outcomes of self-expanding and balloon-expandable transcatheter heart valves in Germany. <i>Clinical Research in Cardiology</i> , 2021 , 110, 1977-1982	6.1	0
6	Effects of Short Term Adiponectin Receptor Agonism on Cardiac Function and Energetics in Diabetic db/db Mice. <i>Journal of Lipid and Atherosclerosis</i> , 2022 , 11, 161	3	0
5	Thymus-Derived CD4CD8 Cells Reside in Mediastinal Adipose Tissue and the Aortic Arch. <i>Journal of Immunology</i> , 2021 , 207, 2720-2732	5.3	
4	Use and Outcomes of Acute Treatment Strategies in Patients with Severe Aortic Valve Stenosis.. <i>Global Heart</i> , 2021 , 16, 91	2.9	
3	Coronary artery bypass grafting versus stent implantation in patients with chronic coronary syndrome and left main disease: insights from a register throughout Germany. <i>Clinical Research in Cardiology</i> , 2021 , 1	6.1	
2	Outcomes of female and male patients suffering from coronary artery disease: A nation-wide registry of patients admitted as emergency. <i>Medicine (United States)</i> , 2021 , 100, e27298	1.8	
1	Circulating Autoantibodies Recognizing Immunodominant Epitopes From Human Apolipoprotein B Associate With Cardiometabolic Risk Factors, but Not With Atherosclerotic Disease.. <i>Frontiers in Cardiovascular Medicine</i> , 2022 , 9, 826729	5.4	