

# Dennis Wolf

## List of Publications by Year in descending order

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Version: 2024-02-01

96  
papers

5,052  
citations

117453

34  
h-index

98622

67  
g-index

98  
all docs

98  
docs citations

98  
times ranked

6209  
citing authors

#	ARTICLE	IF	CITATIONS
1	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> , 2022, 111, 742-749.	1.5	1
2	Apolipoprotein E derived from CD11c+ cells ameliorates atherosclerosis. <i>IScience</i> , 2022, 25, 103677.	1.9	5
3	Chronic exposure to polluted urban air aggravates myocardial infarction by impaired cardiac mitochondrial function and dynamics. <i>Environmental Pollution</i> , 2022, 295, 118677.	3.7	9
4	Break on Through to the Other Side: How Trained Monocytes Promote Recovery From Hind Limb Ischemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2022, 42, 189-192.	1.1	0
5	The Role of Tumor Necrosis Factor Associated Factors (TRAFs) in Vascular Inflammation and Atherosclerosis. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 826630.	1.1	7
6	P2X4 deficiency reduces atherosclerosis and plaque inflammation in mice. <i>Scientific Reports</i> , 2022, 12, 2801.	1.6	6
7	P2Y12-dependent activation of hematopoietic stem and progenitor cells promotes emergency hematopoiesis after myocardial infarction. <i>Basic Research in Cardiology</i> , 2022, 117, 16.	2.5	5
8	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.	1.1	1
9	Effects of Short Term Adiponectin Receptor Agonism on Cardiac Function and Energetics in Diabetic <i>db/db</i> Mice. <i>Journal of Lipid and Atherosclerosis</i> , 2022, 11, 161.	1.1	5
10	Impact of Preprocedural Aortic Valve Calcification on Conduction Disturbances after Transfemoral Aortic Valve Replacement. <i>Cardiology</i> , 2021, 146, 228-237.	0.6	5
11	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
12	ApoB-Specific CD4+ T Cells in Mouse and Human Atherosclerosis. <i>Cells</i> , 2021, 10, 446.	1.8	17
13	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.	1.8	14
14	Inflammatory Cell Recruitment in Cardiovascular Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 635527.	1.8	31
15	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.	2.5	12
16	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.	3.0	4
17	Ultrasound renal denervation for hypertension resistant to a triple medication pill (RADIANCE-HTN) Tj ETQq1 1 0.784314 rgBT /Overlock 6.3 197	0.3	197
18	Pro- and anti-inflammatory macrophages express a sub-type specific purinergic receptor profile. <i>Purinergic Signalling</i> , 2021, 17, 481-492.	1.1	16

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19	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.	0.4	104
20	Outcomes of female and male patients suffering from coronary artery disease. <i>Medicine (United States)</i> , 2021, 100, 107-115.	0.4	0
21	In-hospital outcomes of self-expanding and balloon-expandable transcatheter heart valves in Germany. <i>Clinical Research in Cardiology</i> , 2021, 110, 1977-1982.	1.5	7
22	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.	1.1	8
23	Myeloid cell-specific <i>Irf5</i> deficiency stabilizes atherosclerotic plaques in <i>ApoE</i> mice. <i>Molecular Metabolism</i> , 2021, 53, 101250.	3.0	6
24	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.	1.1	33
25	Thymus-Derived CD4 <sup>+</sup> CD8 <sup>+</sup> Cells Reside in Mediastinal Adipose Tissue and the Aortic Arch. <i>Journal of Immunology</i> , 2021, 207, ji2100208.	0.4	1
26	Use and Outcomes of Acute Treatment Strategies in Patients with Severe Aortic Valve Stenosis. <i>Global Heart</i> , 2021, 16, 91.	0.9	0
27	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
28	Modulating Autoimmunity against LDL: Development of a Vaccine against Atherosclerosis. <i>Hamostaseologie</i> , 2021, 41, 447-457.	0.9	2
29	P2Y12 Inhibition in Murine Myocarditis Results in Reduced Platelet Infiltration and Preserved Ejection Fraction. <i>Cells</i> , 2021, 10, 3414.	1.8	3
30	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.	1.5	39
31	Meta-Analysis of Leukocyte Diversity in Atherosclerotic Mouse Aortas. <i>Circulation Research</i> , 2020, 127, 402-426.	2.0	207
32	Pathogenic Autoimmunity in Atherosclerosis Evolves From Initially Protective Apolipoprotein B <sup>100</sup> -Reactive CD4 <sup>+</sup> T-Regulatory Cells. <i>Circulation</i> , 2020, 142, 1279-1293.	1.6	100
33	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.	1.8	6
34	Inhibition of macrophage proliferation dominates plaque regression in response to cholesterol lowering. <i>Basic Research in Cardiology</i> , 2020, 115, 78.	2.5	37
35	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.	2.5	39
36	Outcomes of transcatheter aortic valve implantations in high-volume or low-volume centres in Germany. <i>Heart</i> , 2020, 106, 1604-1608.	1.2	15

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37	Macrophage-specific IRF5 deficiency stabilizes atherosclerotic plaques in ApoE <sup>-/-</sup> mice. <i>European Heart Journal</i> , 2020, 41, .	1.0	2
38	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.	0.6	3
39	Platelet CD 40 ligand and bleeding during P2Y12 inhibitor treatment in acute coronary syndrome. <i>Research and Practice in Thrombosis and Haemostasis</i> , 2019, 3, 684-694.	1.0	4
40	Migratory and Dancing Macrophage Subsets in Atherosclerotic Lesions. <i>Circulation Research</i> , 2019, 125, 1038-1051.	2.0	47
41	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.	0.9	33
42	Real-time magnetic resonance imaging $\mu$ CT guided coronary intervention in a porcine model. <i>Scientific Reports</i> , 2019, 9, 8663.	1.6	23
43	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.	1.5	16
44	P733Cholesterol uptake triggers macrophage proliferation in the plaque. <i>European Heart Journal</i> , 2019, 40, .	1.0	0
45	P1939Tumor necrosis factor receptor-associated factor 5 (TRAF-5) deficiency exacerbates diet-induced adipose tissue inflammation and aggravates metabolic syndrome in mice. <i>European Heart Journal</i> , 2019, 40, .	1.0	0
46	Glucose lowering by SGLT2-inhibitor empagliflozin accelerates atherosclerosis regression in hyperglycemic STZ-diabetic mice. <i>Scientific Reports</i> , 2019, 9, 17937.	1.6	45
47	Dysregulation of the Mitochondrial Proteome Occurs in Mice Lacking Adiponectin Receptor 1. <i>Frontiers in Endocrinology</i> , 2019, 10, 872.	1.5	7
48	Immunity and Inflammation in Atherosclerosis. <i>Circulation Research</i> , 2019, 124, 315-327.	2.0	972
49	Platelet Serotonin Aggravates Myocardial Ischemia/Reperfusion Injury via Neutrophil Degranulation. <i>Circulation</i> , 2019, 139, 918-931.	1.6	100
50	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
51	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.	2.0	19
52	The TWEAK/Fn14 pathway is required for calcineurin inhibitor toxicity of the kidneys. <i>American Journal of Transplantation</i> , 2018, 18, 1636-1645.	2.6	22
53	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
54	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

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55	Regulatory CD4 <sup>+</sup> T Cells Recognize Major Histocompatibility Complex Class II Molecule-Restricted Peptide Epitopes of Apolipoprotein B. <i>Circulation</i> , 2018, 138, 1130-1143.	1.6	140
56	P3443P2Y12 is involved in emergency hematopoiesis after myocardial infarction. <i>European Heart Journal</i> , 2018, 39, .	1.0	1
57	Atherosclerosis in the single-cell era. <i>Current Opinion in Lipidology</i> , 2018, 29, 389-396.	1.2	44
58	Purinergic receptor Y2 (P2Y2)- dependent VCAM-1 expression promotes immune cell infiltration in metabolic syndrome. <i>Basic Research in Cardiology</i> , 2018, 113, 45.	2.5	46
59	A clinically applicable adjuvant for an atherosclerosis vaccine in mice. <i>European Journal of Immunology</i> , 2018, 48, 1580-1587.	1.6	19
60	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.	1.1	10
61	TWEAK mediates inflammation in experimental atopic dermatitis and psoriasis. <i>Nature Communications</i> , 2017, 8, 15395.	5.8	50
62	P2X <sub>7</sub> Deficiency Blocks Lesional Inflammasome Activity and Ameliorates Atherosclerosis in Mice. <i>Circulation</i> , 2017, 135, 2524-2533.	1.6	77
63	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.	1.5	42
64	Endothelial Protective Monocyte Patrolling in Large Arteries Intensified by Western Diet and Atherosclerosis. <i>Circulation Research</i> , 2017, 120, 1789-1799.	2.0	82
65	Intraoperative Vascular Neuromonitoring in Patients with Subarachnoid Hemorrhage: A Pilot Study Using Combined Laser-Doppler Spectrophotometry. <i>World Neurosurgery</i> , 2017, 107, 542-548.	0.7	3
66	Natural variation of macrophage activation as disease-relevant phenotype predictive of inflammation and cancer survival. <i>Nature Communications</i> , 2017, 8, 16041.	5.8	113
67	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.	1.6	8
68	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.	0.4	11
69	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.	1.8	25
70	CD40L and Its Receptors in Atherothrombosis-An Update. <i>Frontiers in Cardiovascular Medicine</i> , 2017, 4, 40.	1.1	82
71	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.	0.7	5
72	Vaccination to Prevent Cardiovascular Disease. <i>Cardiac and Vascular Biology</i> , 2017, , 29-52.	0.2	2

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73	Abstract 44: Failure of Protective Autoimmunity in Mouse and Human Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, .	1.1	0
74	CCR5 <sup>+</sup> T-bet <sup>+</sup> FoxP3 <sup>+</sup> Effector CD4 T Cells Drive Atherosclerosis. <i>Circulation Research</i> , 2016, 118, 1540-1552.	2.0	104
75	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.	2.5	52
76	Extracellular ATP Induces Vascular Inflammation and Atherosclerosis via Purinergic Receptor Y <sub>2</sub> in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1577-1586.	1.1	67
77	Atheroprotection through SYK inhibition fails in established disease when local macrophage proliferation dominates lesion progression. <i>Basic Research in Cardiology</i> , 2016, 111, 20.	2.5	31
78	Abstract 21: A Natural Repertoire of T Cells Recognizing ApoB-100 is Generated Early in Life and is Progressively Depleted During Atherosclerotic Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, .	1.1	0
79	Abstract 351: MHC-II Tetramer-based Isolation of Atherosclerosis Autoantigen-specific T Cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, .	1.1	0
80	Waking Up the Stem Cell Niche. <i>Circulation Research</i> , 2015, 116, 389-392.	2.0	9
81	HGF Guides T Cells into the Heart. <i>Immunity</i> , 2015, 42, 979-981.	6.6	5
82	Beyond vascular inflammation—recent advances in understanding atherosclerosis. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 3853-3869.	2.4	58
83	Inflammatory mechanisms in atherosclerosis. <i>Hamostaseologie</i> , 2014, 34, 63-71.	0.9	35
84	P2Y <sub>6</sub> Deficiency Limits Vascular Inflammation and Atherosclerosis in Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 2237-2245.	1.1	54
85	Coinhibitory Suppression of T Cell Activation by CD40 Protects Against Obesity and Adipose Tissue Inflammation in Mice. <i>Circulation</i> , 2014, 129, 2414-2425.	1.6	59
86	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, 379-389.	1.8	21
87	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.	1.1	22
88	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.	1.1	33
89	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, 1991-1999.	1.1	58
90	Binding of CD40L to Mac-1's I-Domain Involves the EQLKSKTL Motif and Mediates Leukocyte Recruitment and Atherosclerosis—But Does Not Affect Immunity and Thrombosis in Mice. <i>Circulation Research</i> , 2011, 109, 1269-1279.	2.0	91

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91	Cannabinoid Receptor 2 Signaling Does Not Modulate Atherogenesis in Mice. PLoS ONE, 2011, 6, e19405.	1.1	21
92	CD40L induces inflammation and adipogenesis in adipose cells – a potential link between metabolic and cardiovascular disease. Thrombosis and Haemostasis, 2010, 103, 788-796.	1.8	61
93	Tumor Necrosis Factor Receptor-Associated Factor 1 (TRAF1) Deficiency Attenuates Atherosclerosis in Mice by Impairing Monocyte Recruitment to the Vessel Wall. Circulation, 2010, 121, 2033-2044.	1.6	62
94	TRAF5 Deficiency Accelerates Atherogenesis in Mice by Increasing Inflammatory Cell Recruitment and Foam Cell Formation. Circulation Research, 2010, 107, 757-766.	2.0	48
95	Tumor Necrosis Factor Receptor Associated Factor 6 Is Not Required for Atherogenesis in Mice and Does Not Associate with Atherosclerosis in Humans. PLoS ONE, 2010, 5, e11589.	1.1	21
96	Low-molecular-weight hyaluronic acid induces nuclear factor- $\kappa$ B-dependent resistance against tumor necrosis factor $\alpha$ -mediated liver injury in mice. Hepatology, 2001, 34, 535-547.	3.6	49