

Dennis Wolf

List of Publications by Year in Descending Order

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Version: 2024-04-20

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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 | Apolipoprotein E derived from CD11c cells ameliorates atherosclerosis.. <i>IScience</i> , 2022 , 25, 103677 | 6.1 | 1 |
| 87 | 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 |
| 86 | P2X deficiency reduces atherosclerosis and plaque inflammation in mice.. <i>Scientific Reports</i> , 2022 , 12, 2801 | 4.9 | 1 |
| 85 | 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 |
| 84 | 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 | |
| 83 | 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 |
| 82 | 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 |
| 81 | Modulating Autoimmunity against LDL: Development of a Vaccine against Atherosclerosis.. <i>Hamostaseologie</i> , 2021 , 41, 447-457 | 1.9 | 0 |
| 80 | Thymus-Derived CD4CD8 Cells Reside in Mediastinal Adipose Tissue and the Aortic Arch. <i>Journal of Immunology</i> , 2021 , 207, 2720-2732 | 5.3 | |
| 79 | Use and Outcomes of Acute Treatment Strategies in Patients with Severe Aortic Valve Stenosis.. <i>Global Heart</i> , 2021 , 16, 91 | 2.9 | |
| 78 | 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 |
| 77 | Impact of Preprocedural Aortic Valve Calcification on Conduction Disturbances after Transfemoral Aortic Valve Replacement. <i>Cardiology</i> , 2021 , 146, 228-237 | 1.6 | 2 |
| 76 | 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 |
| 75 | 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 |
| 74 | 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 |
| 73 | Pro- and anti-inflammatory macrophages express a sub-type specific purinergic receptor profile. <i>Purinergic Signalling</i> , 2021 , 17, 481-492 | 3.8 | 3 |
| 72 | 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 |

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| 71 | ApoB-Specific CD4 T Cells in Mouse and Human Atherosclerosis. <i>Cells</i> , 2021 , 10, | 7.9 | 5 |
| 70 | 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 |
| 69 | Inflammatory Cell Recruitment in Cardiovascular Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 635527 | 5.7 | 15 |
| 68 | 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 |
| 67 | 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 | |
| 66 | 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 | |
| 65 | 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 |
| 64 | 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 |
| 63 | Myeloid cell-specific Irf5 deficiency stabilizes atherosclerotic plaques in Apoe mice. <i>Molecular Metabolism</i> , 2021 , 53, 101250 | 8.8 | 3 |
| 62 | 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 |
| 61 | P2Y Inhibition in Murine Myocarditis Results in Reduced Platelet Infiltration and Preserved Ejection Fraction.. <i>Cells</i> , 2021 , 10, | 7.9 | 1 |
| 60 | Inhibition of macrophage proliferation dominates plaque regression in response to cholesterol lowering. <i>Basic Research in Cardiology</i> , 2020 , 115, 78 | 11.8 | 19 |
| 59 | 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 |
| 58 | 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 |
| 57 | Macrophage-specific IRF5 deficiency stabilizes atherosclerotic plaques in ApoE $\Delta\Delta$ mice. <i>European Heart Journal</i> , 2020 , 41, | 9.5 | 1 |
| 56 | Meta-Analysis of Leukocyte Diversity in Atherosclerotic Mouse Aortas. <i>Circulation Research</i> , 2020 , 127, 402-426 | 15.7 | 91 |
| 55 | 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 |
| 54 | 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 |

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| 53 | 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 |
| 52 | 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 |
| 51 | Real-time magnetic resonance imaging - guided coronary intervention in a porcine model. <i>Scientific Reports</i> , 2019 , 9, 8663 | 4.9 | 13 |
| 50 | 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 |
| 49 | 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 |
| 48 | Migratory and Dancing Macrophage Subsets in Atherosclerotic Lesions. <i>Circulation Research</i> , 2019 , 125, 1038-1051 | 15.7 | 26 |
| 47 | 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 |
| 46 | Glucose lowering by SGLT2-inhibitor empagliflozin accelerates atherosclerosis regression in hyperglycemic STZ-diabetic mice. <i>Scientific Reports</i> , 2019 , 9, 17937 | 4.9 | 21 |
| 45 | Dysregulation of the Mitochondrial Proteome Occurs in Mice Lacking Adiponectin Receptor 1. <i>Frontiers in Endocrinology</i> , 2019 , 10, 872 | 5.7 | 5 |
| 44 | Immunity and Inflammation in Atherosclerosis. <i>Circulation Research</i> , 2019 , 124, 315-327 | 15.7 | 427 |
| 43 | Platelet Serotonin Aggravates Myocardial Ischemia/Reperfusion Injury via Neutrophil Degranulation. <i>Circulation</i> , 2019 , 139, 918-931 | 16.7 | 58 |
| 42 | 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 |
| 41 | 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 |
| 40 | 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 |
| 39 | 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 |
| 38 | 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 |
| 37 | 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 |
| 36 | A clinically applicable adjuvant for an atherosclerosis vaccine in mice. <i>European Journal of Immunology</i> , 2018 , 48, 1580-1587 | 6.1 | 12 |

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| 35 | 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 |
| 34 | Atherosclerosis in the single-cell era. <i>Current Opinion in Lipidology</i> , 2018 , 29, 389-396 | 4.4 | 29 |
| 33 | 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 |
| 32 | TWEAK mediates inflammation in experimental atopic dermatitis and psoriasis. <i>Nature Communications</i> , 2017 , 8, 15395 | 17.4 | 30 |
| 31 | P2X Deficiency Blocks Lesional Inflammasome Activity and Ameliorates Atherosclerosis in Mice. <i>Circulation</i> , 2017 , 135, 2524-2533 | 16.7 | 58 |
| 30 | 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 |
| 29 | Endothelial Protective Monocyte Patrolling in Large Arteries Intensified by Western Diet and Atherosclerosis. <i>Circulation Research</i> , 2017 , 120, 1789-1799 | 15.7 | 66 |
| 28 | 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 |
| 27 | 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 |
| 26 | 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 |
| 25 | 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 |
| 24 | 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 |
| 23 | 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 |
| 22 | CD40L and Its Receptors in Atherothrombosis-An Update. <i>Frontiers in Cardiovascular Medicine</i> , 2017 , 4, 40 | 5.4 | 58 |
| 21 | Vaccination to Prevent Cardiovascular Disease. <i>Cardiac and Vascular Biology</i> , 2017 , 29-52 | 0.2 | 1 |
| 20 | 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 |
| 19 | 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 |
| 18 | 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 |

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| 17 | CCR5+T-bet+FoxP3+ Effector CD4 T Cells Drive Atherosclerosis. <i>Circulation Research</i> , 2016 , 118, 1540-52 | 5.7 | 68 |
| 16 | HGF Guides T Cells into the Heart. <i>Immunity</i> , 2015 , 42, 979-81 | 32.3 | 4 |
| 15 | Beyond vascular inflammation--recent advances in understanding atherosclerosis. <i>Cellular and Molecular Life Sciences</i> , 2015 , 72, 3853-69 | 10.3 | 46 |
| 14 | 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 |
| 13 | 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 |
| 12 | Inflammatory mechanisms in atherosclerosis. <i>Hamostaseologie</i> , 2014 , 34, 63-71 | 1.9 | 31 |
| 11 | P2Y6 deficiency limits vascular inflammation and atherosclerosis in mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014 , 34, 2237-45 | 9.4 | 44 |
| 10 | 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 |
| 9 | 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 |
| 8 | 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 |
| 7 | Binding of CD40L to Mac-1 β 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, 1269-79 | 15.7 | 75 |
| 6 | Cannabinoid receptor 2 signaling does not modulate atherogenesis in mice. <i>PLoS ONE</i> , 2011 , 6, e19405 | 3.7 | 20 |
| 5 | 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 |
| 4 | 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 |
| 3 | 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 |
| 2 | 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 |
| 1 | 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 |