

# Vanessa Frodermann

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

1,782  
citations

430874

18  
h-index

642732

23  
g-index

25  
all docs

25  
docs citations

25  
times ranked

3315  
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct vascular channels connect skull bone marrow and the brain surface enabling myeloid cell migration. <i>Nature Neuroscience</i> , 2018, 21, 1209-1217.	14.8	302
2	Sleep modulates haematopoiesis and protects against atherosclerosis. <i>Nature</i> , 2019, 566, 383-387.	27.8	279
3	Atherosclerosis. <i>Current Opinion in Lipidology</i> , 2016, 27, 209-215.	2.7	207
4	Exercise reduces inflammatory cell production and cardiovascular inflammation via instruction of hematopoietic progenitor cells. <i>Nature Medicine</i> , 2019, 25, 1761-1771.	30.7	157
5	Tissue-Specific Macrophage Responses to Remote Injury Impact the Outcome of Subsequent Local Immune Challenge. <i>Immunity</i> , 2019, 51, 899-914.e7.	14.3	110
6	Differential effects of regulatory T cells on the initiation and regression of atherosclerosis. <i>Atherosclerosis</i> , 2011, 218, 53-60.	0.8	83
7	Nanoparticle-encapsulated siRNAs for gene silencing in the haematopoietic stem-cell niche. <i>Nature Biomedical Engineering</i> , 2020, 4, 1076-1089.	22.5	80
8	Macrophages and Cardiovascular Health. <i>Physiological Reviews</i> , 2018, 98, 2523-2569.	28.8	79
9	A Modulatory Interleukin-10 Response to Staphylococcal Peptidoglycan Prevents Th1/Th17 Adaptive Immunity to <i>Staphylococcus aureus</i> . <i>Journal of Infectious Diseases</i> , 2011, 204, 253-262.	4.0	78
10	Glucocorticoids Regulate Bone Marrow B Lymphopoiesis After Stroke. <i>Circulation Research</i> , 2019, 124, 1372-1385.	4.5	50
11	Mesenchymal Stem Cells Reduce Murine Atherosclerosis Development. <i>Scientific Reports</i> , 2015, 5, 15559.	3.3	49
12	Imaging the Vascular Bone Marrow Niche During Inflammatory Stress. <i>Circulation Research</i> , 2018, 123, 415-427.	4.5	45
13	T-Cell Immunoglobulin and Mucin Domain 3 Acts as a Negative Regulator of Atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 2558-2565.	2.4	40
14	Neutrophil-macrophage cross-talk in acute myocardial infarction. <i>European Heart Journal</i> , 2017, 38, ehw085.	2.2	35
15	CD11b <sup>+</sup> Gr-1 <sup>+</sup> myeloid-derived suppressor cells reduce atherosclerotic lesion development in LDLr deficient mice. <i>Cardiovascular Research</i> , 2016, 111, 252-261.	3.8	34
16	B lymphocyte-derived acetylcholine limits steady-state and emergency hematopoiesis. <i>Nature Immunology</i> , 2022, 23, 605-618.	14.5	33
17	Bone marrow endothelial dysfunction promotes myeloid cell expansion in cardiovascular disease. , 2022, 1, 28-44.		32
18	Oxidized Low-Density Lipoprotein-Induced Apoptotic Dendritic Cells as a Novel Therapy for Atherosclerosis. <i>Journal of Immunology</i> , 2015, 194, 2208-2218.	0.8	24

#	ARTICLE	IF	CITATIONS
19	Interference of the CD30â€“CD30L Pathway Reduces Atherosclerosis Development. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 2862-2868.	2.4	22
20	Heat-killed <i>Staphylococcus aureus</i> reduces atherosclerosis by inducing anti-inflammatory macrophages. <i>Journal of Internal Medicine</i> , 2016, 279, 592-605.	6.0	13
21	Leukocytosis and Enhanced Susceptibility to Endotoxemia but Not Atherosclerosis in Adrenalectomized APOE Knockout Mice. <i>PLoS ONE</i> , 2013, 8, e80441.	2.5	11
22	Agonistic Anti-TIGIT Treatment Inhibits T Cell Responses in LDLr Deficient Mice without Affecting Atherosclerotic Lesion Development. <i>PLoS ONE</i> , 2013, 8, e83134.	2.5	11
23	Multimodal imaging of bacterial-host interface in mice and piglets with <i>Staphylococcus aureus</i> endocarditis. <i>Science Translational Medicine</i> , 2020, 12, .	12.4	6
24	Reversing Clonal Hematopoiesis and Associated Atherosclerotic Disease By Targeted Antibody-Drug-Conjugate (ADC) Conditioning and Transplant. <i>Blood</i> , 2020, 136, 34-35.	1.4	2