Vanessa Frodermann

List of Publications by Year
in descending order

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	Bone marrow endothelial dysfunction promotes myeloid cell expansion in cardiovascular disease. , 2022, 1, 28-44.		32
2	B lymphocyte-derived acetylcholine limits steady-state and emergency hematopoiesis. Nature Immunology, 2022, 23, 605-618.	14.5	33
3	Nanoparticle-encapsulated siRNAs for gene silencing in the haematopoietic stem-cell niche. Nature Biomedical Engineering, 2020, 4, 1076-1089.	22.5	80
4	Multimodal imaging of bacterial-host interface in mice and piglets with Staphylococcus aureus endocarditis. Science Translational Medicine, 2020, 12, .	12.4	6
5	Reversing Clonal Hematopoiesis and Associated Atherosclerotic Disease By Targeted Antibody-Drug-Conjugate (ADC) Conditioning and Transplant. Blood, 2020, 136, 34-35.	1.4	2
6	Exercise reduces inflammatory cell production and cardiovascular inflammation via instruction of hematopoietic progenitor cells. Nature Medicine, 2019, 25, 1761-1771.	30.7	157
7	Tissue-Specific Macrophage Responses to Remote Injury Impact the Outcome of Subsequent Local Immune Challenge. Immunity, 2019, 51, 899-914.e7.	14.3	110
8	Glucocorticoids Regulate Bone Marrow B Lymphopoiesis After Stroke. Circulation Research, 2019, 124, 1372-1385.	4.5	50
9	Sleep modulates haematopoiesis and protects against atherosclerosis. Nature, 2019, 566, 383-387.	27.8	279
10	Macrophages and Cardiovascular Health. Physiological Reviews, 2018, 98, 2523-2569.	28.8	79
11	Imaging the Vascular Bone Marrow Niche During Inflammatory Stress. Circulation Research, 2018, 123, 415-427.	4.5	45
12	Direct vascular channels connect skull bone marrow and the brain surface enabling myeloid cell migration. Nature Neuroscience, 2018, 21, 1209-1217.	14.8	302
13	Neutrophilâ€“macrophage cross-talk in acute myocardial infarction. European Heart Journal, 2017, 38, ehw085.	2.2	35
14	Atherosclerosis. Current Opinion in Lipidology, 2016, 27, 209-215.	2.7	207
15	Heatâ€killed Staphylococcus aureus reduces atherosclerosis by inducing antiâ€inflammatory macrophages. Journal of Internal Medicine, 2016, 279, 592-605.	6.0	13
16	CD11b⁺Gr-1⁺myeloid-derived suppressor cells reduce atherosclerotic lesion development in LDLr deficient mice. Cardiovascular Research, 2016, 111, 252-261.	3.8	34
17	Mesenchymal Stem Cells Reduce Murine Atherosclerosis Development. Scientific Reports, 2015, 5, 15559.	3.3	49
18	Oxidized Low-Density Lipoproteinâ€“Induced Apoptotic Dendritic Cells as a Novel Therapy for Atherosclerosis. Journal of Immunology, 2015, 194, 2208-2218.	0.8	24

#	Article	IF	Citations
19	T-Cell Immunoglobulin and Mucin Domain 3 Acts as a Negative Regulator of Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 2558-2565.	2.4	40
20	Leukocytosis and Enhanced Susceptibility to Endotoxemia but Not Atherosclerosis in Adrenalectomized APOE Knockout Mice. PLoS ONE, 2013, 8, e80441.	2.5	11
21	Agonistic Anti-TIGIT Treatment Inhibits T Cell Responses in LDLr Deficient Mice without Affecting Atherosclerotic Lesion Development. PLoS ONE, 2013, 8, e83134.	2.5	11
22	Interference of the CD30â€“CD30L Pathway Reduces Atherosclerosis Development. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 2862-2868.	2.4	22
23	Differential effects of regulatory T cells on the initiation and regression of atherosclerosis. Atherosclerosis, 2011, 218, 53-60.	0.8	83
24	A Modulatory Interleukin-10 Response to Staphylococcal Peptidoglycan Prevents Th1/Th17 Adaptive Immunity to Staphylococcus aureus. Journal of Infectious Diseases, 2011, 204, 253-262.	4.0	78