

Filip K Swirski

List of Publications by Citations

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171
papers

22,681
citations

76
h-index

150
g-index

197
ext. papers

27,093
ext. citations

15.3
avg, IF

6.95
L-index

#	Paper	IF	Citations
171	The healing myocardium sequentially mobilizes two monocyte subsets with divergent and complementary functions. <i>Journal of Experimental Medicine</i> , 2007 , 204, 3037-47	16.6	1568
170	Identification of splenic reservoir monocytes and their deployment to inflammatory sites. <i>Science</i> , 2009 , 325, 612-6	33.3	1481
169	Ly-6Chi monocytes dominate hypercholesterolemia-associated monocytosis and give rise to macrophages in atheromata. <i>Journal of Clinical Investigation</i> , 2007 , 117, 195-205	15.9	912
168	Myocardial infarction accelerates atherosclerosis. <i>Nature</i> , 2012 , 487, 325-9	50.4	674
167	Local proliferation dominates lesional macrophage accumulation in atherosclerosis. <i>Nature Medicine</i> , 2013 , 19, 1166-72	50.5	669
166	Leukocyte behavior in atherosclerosis, myocardial infarction, and heart failure. <i>Science</i> , 2013 , 339, 161-6	33.3	665
165	Therapeutic siRNA silencing in inflammatory monocytes in mice. <i>Nature Biotechnology</i> , 2011 , 29, 1005-10	14.5	594
164	Monocytes: protagonists of infarct inflammation and repair after myocardial infarction. <i>Circulation</i> , 2010 , 121, 2437-45	16.7	546
163	Cytokine storm and sepsis disease pathogenesis. <i>Seminars in Immunopathology</i> , 2017 , 39, 517-528	12	515
162	Osteogenesis associates with inflammation in early-stage atherosclerosis evaluated by molecular imaging in vivo. <i>Circulation</i> , 2007 , 116, 2841-50	16.7	486
161	Nanoparticle PET-CT imaging of macrophages in inflammatory atherosclerosis. <i>Circulation</i> , 2008 , 117, 379-87	16.7	460
160	Origins of tumor-associated macrophages and neutrophils. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 2491-6	11.5	445
159	Macrophages Facilitate Electrical Conduction in the Heart. <i>Cell</i> , 2017 , 169, 510-522.e20	56.2	438
158	Chronic variable stress activates hematopoietic stem cells. <i>Nature Medicine</i> , 2014 , 20, 754-758	50.5	408
157	Rapid monocyte kinetics in acute myocardial infarction are sustained by extramedullary monocytopoiesis. <i>Journal of Experimental Medicine</i> , 2012 , 209, 123-37	16.6	342
156	Ly-6Chigh monocytes depend on Nr4a1 to balance both inflammatory and reparative phases in the infarcted myocardium. <i>Circulation Research</i> , 2014 , 114, 1611-22	15.7	333
155	Extramedullary hematopoiesis generates Ly-6C(high) monocytes that infiltrate atherosclerotic lesions. <i>Circulation</i> , 2012 , 125, 364-74	16.7	321

154	Continuous exposure to house dust mite elicits chronic airway inflammation and structural remodeling. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004 , 169, 378-85	10.2	319
153	Differential contribution of monocytes to heart macrophages in steady-state and after myocardial infarction. <i>Circulation Research</i> , 2014 , 115, 284-95	15.7	305
152	Innate response activator B cells protect against microbial sepsis. <i>Science</i> , 2012 , 335, 597-601	33.3	291
151	Monocyte accumulation in mouse atherogenesis is progressive and proportional to extent of disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 10340-10345 ^{11.5} ²⁷⁸	11.5	278
150	PET/MRI of inflammation in myocardial infarction. <i>Journal of the American College of Cardiology</i> , 2012 , 59, 153-63	15.1	245
149	Cardioimmunology: the immune system in cardiac homeostasis and disease. <i>Nature Reviews Immunology</i> , 2018 , 18, 733-744	36.5	240
148	Impaired infarct healing in atherosclerotic mice with Ly-6C(hi) monocytosis. <i>Journal of the American College of Cardiology</i> , 2010 , 55, 1629-38	15.1	238
147	Monocyte and macrophage heterogeneity in the heart. <i>Circulation Research</i> , 2013 , 112, 1624-33	15.7	226
146	On-demand erythrocyte disposal and iron recycling requires transient macrophages in the liver. <i>Nature Medicine</i> , 2016 , 22, 945-51	50.5	224
145	Proliferation and Recruitment Contribute to Myocardial Macrophage Expansion in Chronic Heart Failure. <i>Circulation Research</i> , 2016 , 119, 853-64	15.7	210
144	Self-renewing resident arterial macrophages arise from embryonic CX3CR1(+) precursors and circulating monocytes immediately after birth. <i>Nature Immunology</i> , 2016 , 17, 159-68	19.1	209
143	Monocyte-directed RNAi targeting CCR2 improves infarct healing in atherosclerosis-prone mice. <i>Circulation</i> , 2013 , 127, 2038-46	16.7	200
142	Abandoning M1/M2 for a Network Model of Macrophage Function. <i>Circulation Research</i> , 2016 , 119, 414-15.7	15.7	191
141	Leukocytes Link Local and Systemic Inflammation in Ischemic Cardiovascular Disease: An Expanded "Cardiovascular Continuum". <i>Journal of the American College of Cardiology</i> , 2016 , 67, 1091-1103	15.1	191
140	Hybrid PET-optical imaging using targeted probes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 7910-5	11.5	191
139	In vivo silencing of the transcription factor IRF5 reprograms the macrophage phenotype and improves infarct healing. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 1556-66	15.1	187
138	Interleukin-3 amplifies acute inflammation and is a potential therapeutic target in sepsis. <i>Science</i> , 2015 , 347, 1260-5	33.3	183
137	Cardiac macrophages promote diastolic dysfunction. <i>Journal of Experimental Medicine</i> , 2018 , 215, 423-440.6	40.6	182

136	Rapid detection and profiling of cancer cells in fine-needle aspirates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 12459-64	11.5	165
135	Angiotensin-converting enzyme inhibition prevents the release of monocytes from their splenic reservoir in mice with myocardial infarction. <i>Circulation Research</i> , 2010 , 107, 1364-73	15.7	164
134	Activatable magnetic resonance imaging agent reports myeloperoxidase activity in healing infarcts and noninvasively detects the antiinflammatory effects of atorvastatin on ischemia-reperfusion injury. <i>Circulation</i> , 2008 , 117, 1153-60	16.7	158
133	Targeting Interleukin-1 β Reduces Leukocyte Production After Acute Myocardial Infarction. <i>Circulation</i> , 2015 , 132, 1880-90	16.7	154
132	Hybrid in vivo FMT-CT imaging of protease activity in atherosclerosis with customized nanosensors. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 1444-51	9.4	150
131	Cigarette smoke decreases pulmonary dendritic cells and impacts antiviral immune responsiveness. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2004 , 30, 202-11	5.7	149
130	Sleep modulates haematopoiesis and protects against atherosclerosis. <i>Nature</i> , 2019 , 566, 383-387	50.4	149
129	Labeling of immune cells for in vivo imaging using magnetofluorescent nanoparticles. <i>Nature Protocols</i> , 2006 , 1, 73-9	18.8	144
128	Direct vascular channels connect skull bone marrow and the brain surface enabling myeloid cell migration. <i>Nature Neuroscience</i> , 2018 , 21, 1209-1217	25.5	139
127	Inhibiting macrophage proliferation suppresses atherosclerotic plaque inflammation. <i>Science Advances</i> , 2015 , 1,	14.3	137
126	Dual channel optical tomographic imaging of leukocyte recruitment and protease activity in the healing myocardial infarct. <i>Circulation Research</i> , 2007 , 100, 1218-25	15.7	132
125	Myocardial Infarction Activates CCR2(+) Hematopoietic Stem and Progenitor Cells. <i>Cell Stem Cell</i> , 2015 , 16, 477-87	18	129
124	Angiotensin II drives the production of tumor-promoting macrophages. <i>Immunity</i> , 2013 , 38, 296-308	32.3	129
123	Ischemic stroke activates hematopoietic bone marrow stem cells. <i>Circulation Research</i> , 2015 , 116, 407-17	15.7	126
122	Endothelial cells produce bone morphogenetic protein 6 required for iron homeostasis in mice. <i>Blood</i> , 2017 , 129, 405-414	2.2	125
121	In vivo detection of Staphylococcus aureus endocarditis by targeting pathogen-specific prothrombin activation. <i>Nature Medicine</i> , 2011 , 17, 1142-6	50.5	125
120	Monocyte fate in atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2015 , 35, 272-9	9.4	123
119	RNAi targeting multiple cell adhesion molecules reduces immune cell recruitment and vascular inflammation after myocardial infarction. <i>Science Translational Medicine</i> , 2016 , 8, 342ra80	17.5	123

118	Polymeric nanoparticle PET/MR imaging allows macrophage detection in atherosclerotic plaques. <i>Circulation Research</i> , 2013 , 112, 755-61	15.7	122
117	Notch ligand delta-like 4 blockade attenuates atherosclerosis and metabolic disorders. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, E1868-77	11.5	121
116	Detection of macrophages in aortic aneurysms by nanoparticle positron emission tomography-computed tomography. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 750-7	9.4	120
115	Multimodality cardiovascular molecular imaging, Part II. <i>Circulation: Cardiovascular Imaging</i> , 2009 , 2, 56-70	9.0	119
114	The infarcted myocardium solicits GM-CSF for the detrimental oversupply of inflammatory leukocytes. <i>Journal of Experimental Medicine</i> , 2017 , 214, 3293-3310	16.6	114
113	Heterogeneous in vivo behavior of monocyte subsets in atherosclerosis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 1424-32	9.4	114
112	Macrophages retain hematopoietic stem cells in the spleen via VCAM-1. <i>Journal of Experimental Medicine</i> , 2015 , 212, 497-512	16.6	104
111	Pleural innate response activator B cells protect against pneumonia via a GM-CSF-IgM axis. <i>Journal of Experimental Medicine</i> , 2014 , 211, 1243-56	16.6	101
110	Systemic RNAi-mediated Gene Silencing in Nonhuman Primate and Rodent Myeloid Cells. <i>Molecular Therapy - Nucleic Acids</i> , 2012 , 1, e4	10.7	100
109	Regulation of monocyte functional heterogeneity by miR-146a and Relb. <i>Cell Reports</i> , 2012 , 1, 317-24	10.6	98
108	Polyglucose nanoparticles with renal elimination and macrophage avidity facilitate PET imaging in ischaemic heart disease. <i>Nature Communications</i> , 2017 , 8, 14064	17.4	95
107	"Pumping iron"-how macrophages handle iron at the systemic, microenvironmental, and cellular levels. <i>Pflugers Archiv European Journal of Physiology</i> , 2017 , 469, 397-418	4.6	95
106	Inhibiting Inflammation with Myeloid Cell-Specific Nanobiologics Promotes Organ Transplant Acceptance. <i>Immunity</i> , 2018 , 49, 819-828.e6	32.3	95
105	Flow Perturbation Mediates Neutrophil Recruitment and Potentiates Endothelial Injury via TLR2 in Mice: Implications for Superficial Erosion. <i>Circulation Research</i> , 2017 , 121, 31-42	15.7	94
104	In vivo imaging of T cell delivery to tumors after adoptive transfer therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 12457-61	11.5	93
103	Exercise reduces inflammatory cell production and cardiovascular inflammation via instruction of hematopoietic progenitor cells. <i>Nature Medicine</i> , 2019 , 25, 1761-1771	50.5	90
102	Behavior of endogenous tumor-associated macrophages assessed in vivo using a functionalized nanoparticle. <i>Neoplasia</i> , 2009 , 11, 459-68, 2 p following 468	6.4	90
101	The multiple roles of monocyte subsets in steady state and inflammation. <i>Cellular and Molecular Life Sciences</i> , 2010 , 67, 2685-93	10.3	90

100	Noninvasive in vivo imaging of monocyte trafficking to atherosclerotic lesions. <i>Circulation</i> , 2008 , 117, 388-95	16.7	89
99	Innate response activator B cells aggravate atherosclerosis by stimulating T helper-1 adaptive immunity. <i>Circulation</i> , 2014 , 129, 1677-87	16.7	88
98	Integrated Biosensor for Rapid and Point-of-Care Sepsis Diagnosis. <i>ACS Nano</i> , 2018 , 12, 3378-3384	16.7	87
97	A dense network of dendritic cells populates the murine epididymis. <i>Reproduction</i> , 2011 , 141, 653-63	3.8	84
96	Myeloperoxidase-rich Ly-6C ⁺ myeloid cells infiltrate allografts and contribute to an imaging signature of organ rejection in mice. <i>Journal of Clinical Investigation</i> , 2010 , 120, 2627-34	15.9	77
95	Immune cell screening of a nanoparticle library improves atherosclerosis therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E6731-E6740	11.5	75
94	Chronic exposure to innocuous antigen in sensitized mice leads to suppressed airway eosinophilia that is reversed by granulocyte macrophage colony-stimulating factor. <i>Journal of Immunology</i> , 2002 , 169, 3499-506	5.3	75
93	Lifestyle effects on hematopoiesis and atherosclerosis. <i>Circulation Research</i> , 2015 , 116, 884-94	15.7	71
92	Silencing of CCR2 in myocarditis. <i>European Heart Journal</i> , 2015 , 36, 1478-88	9.5	70
91	Molecular imaging of innate immune cell function in transplant rejection. <i>Circulation</i> , 2009 , 119, 1925-32	16.7	70
90	Gut intraepithelial T cells calibrate metabolism and accelerate cardiovascular disease. <i>Nature</i> , 2019 , 566, 115-119	50.4	67
89	Immunology. Neutrophil-macrophage communication in inflammation and atherosclerosis. <i>Science</i> , 2015 , 349, 237-8	33.3	66
88	Circadian Influence on Metabolism and Inflammation in Atherosclerosis. <i>Circulation Research</i> , 2016 , 119, 131-41	15.7	65
87	Hypercholesterolemia links hematopoiesis with atherosclerosis. <i>Trends in Endocrinology and Metabolism</i> , 2013 , 24, 129-36	8.8	65
86	Monocyte heterogeneity in cardiovascular disease. <i>Seminars in Immunopathology</i> , 2013 , 35, 553-62	12	64
85	Demyelinating diseases: myeloperoxidase as an imaging biomarker and therapeutic target. <i>Radiology</i> , 2012 , 263, 451-60	20.5	64
84	Real-time assessment of inflammation and treatment response in a mouse model of allergic airway inflammation. <i>Journal of Clinical Investigation</i> , 2008 , 118, 4058-66	15.9	63
83	Stage-dependent differential effects of interleukin-1 isoforms on experimental atherosclerosis. <i>European Heart Journal</i> , 2019 , 40, 2482-2491	9.5	62

82	Efficacy and safety assessment of a TRAF6-targeted nanoimmunotherapy in atherosclerotic mice and non-human primates. <i>Nature Biomedical Engineering</i> , 2018 , 2, 279-292	19	60
81	Tissue-Specific Macrophage Responses to Remote Injury Impact the Outcome of Subsequent Local Immune Challenge. <i>Immunity</i> , 2019 , 51, 899-914.e7	32.3	60
80	Diversity of denizens of the atherosclerotic plaque: not all monocytes are created equal. <i>Circulation</i> , 2008 , 117, 3168-70	16.7	58
79	Molecular imaging of inflammation in atherosclerosis. <i>Theranostics</i> , 2013 , 3, 865-84	12.1	55
78	A near-infrared cell tracker reagent for multiscopic in vivo imaging and quantification of leukocyte immune responses. <i>PLoS ONE</i> , 2007 , 2, e1075	3.7	54
77	Imaging Macrophage and Hematopoietic Progenitor Proliferation in Atherosclerosis. <i>Circulation Research</i> , 2015 , 117, 835-45	15.7	52
76	Myeloperoxidase Inhibition Improves Ventricular Function and Remodeling After Experimental Myocardial Infarction. <i>JACC Basic To Translational Science</i> , 2016 , 1, 633-643	8.7	50
75	Innate immune cells in ischaemic heart disease: does myocardial infarction beget myocardial infarction?. <i>European Heart Journal</i> , 2016 , 37, 868-72	9.5	49
74	Imaging systemic inflammatory networks in ischemic heart disease. <i>Journal of the American College of Cardiology</i> , 2015 , 65, 1583-91	15.1	49
73	Increased stem cell proliferation in atherosclerosis accelerates clonal hematopoiesis. <i>Cell</i> , 2021 , 184, 1348-1361.e22	56.2	49
72	ANGPTL4 deficiency in haematopoietic cells promotes monocyte expansion and atherosclerosis progression. <i>Nature Communications</i> , 2016 , 7, 12313	17.4	48
71	The journey from stem cell to macrophage. <i>Annals of the New York Academy of Sciences</i> , 2014 , 1319, 1-18.5	8.5	48
70	Caveolin-1 Regulates Atherogenesis by Attenuating Low-Density Lipoprotein Transcytosis and Vascular Inflammation Independently of Endothelial Nitric Oxide Synthase Activation. <i>Circulation</i> , 2019 , 140, 225-239	16.7	47
69	Unraveling Vascular Inflammation: From Immunology to Imaging. <i>Journal of the American College of Cardiology</i> , 2017 , 70, 1403-1412	15.1	45
68	Interleukin-13-dependent expression of matrix metalloproteinase-12 is required for the development of airway eosinophilia in mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2004 , 30, 84-90	5.7	45
67	Monocyte subset dynamics in human atherosclerosis can be profiled with magnetic nano-sensors. <i>PLoS ONE</i> , 2009 , 4, e5663	3.7	45
66	Development and Function of Arterial and Cardiac Macrophages. <i>Trends in Immunology</i> , 2016 , 37, 32-40	14.4	43
65	Making a difference: monocyte heterogeneity in cardiovascular disease. <i>Current Atherosclerosis Reports</i> , 2012 , 14, 450-9	6	41

64	Astrocytic interleukin-3 programs microglia and limits Alzheimer's disease. <i>Nature</i> , 2021 , 595, 701-706	50.4	41
63	Hematopoiesis and Cardiovascular Disease. <i>Circulation Research</i> , 2020 , 126, 1061-1085	15.7	37
62	Immunopathogenesis of abdominal sepsis. <i>Langenbeck's Archives of Surgery</i> , 2014 , 399, 1-9	3.4	35
61	From proliferation to proliferation: monocyte lineage comes full circle. <i>Seminars in Immunopathology</i> , 2014 , 36, 137-48	12	34
60	Modifiable Cardiovascular Risk, Hematopoiesis, and Innate Immunity. <i>Circulation Research</i> , 2020 , 126, 1242-1259	15.7	34
59	Temporal-spatial analysis of the immune response in a murine model of ovalbumin-induced airways inflammation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2001 , 25, 326-34	5.7	33
58	The transcription factor NR4A1 is essential for the development of a novel macrophage subset in the thymus. <i>Scientific Reports</i> , 2015 , 5, 10055	4.9	32
57	Different capacity of monocyte subsets to phagocytose iron-oxide nanoparticles. <i>PLoS ONE</i> , 2011 , 6, e25197	3.7	32
56	Imaging the Vascular Bone Marrow Niche During Inflammatory Stress. <i>Circulation Research</i> , 2018 , 123, 415-427	15.7	31
55	Imaging-assisted nanoimmunotherapy for atherosclerosis in multiple species. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	31
54	Monocyte and Macrophage Dynamics in the Cardiovascular System: JACC Macrophage in CVD Series (Part 3). <i>Journal of the American College of Cardiology</i> , 2018 , 72, 2198-2212	15.1	31
53	Monocytes link atherosclerosis and cancer. <i>European Journal of Immunology</i> , 2011 , 41, 2519-22	6.1	29
52	Nanoparticle-encapsulated siRNAs for gene silencing in the haematopoietic stem-cell niche. <i>Nature Biomedical Engineering</i> , 2020 , 4, 1076-1089	19	29
51	Wnt5a-Mediated Neutrophil Recruitment Has an Obligatory Role in Pressure Overload-Induced Cardiac Dysfunction. <i>Circulation</i> , 2019 , 140, 487-499	16.7	28
50	Nanoparticle PET-CT detects rejection and immunomodulation in cardiac allografts. <i>Circulation: Cardiovascular Imaging</i> , 2013 , 6, 568-73	3.9	26
49	Mechanisms of Myeloid Cell Modulation of Atherosclerosis. <i>Microbiology Spectrum</i> , 2016 , 4,	8.9	26
48	Glucocorticoids Regulate Bone Marrow B Lymphopoiesis After Stroke. <i>Circulation Research</i> , 2019 , 124, 1372-1385	15.7	26
47	Divergent immune responses to house dust mite lead to distinct structural-functional phenotypes. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007 , 293, L730-9	5.8	23

46	Innate response activator B cells: origins and functions. <i>International Immunology</i> , 2015 , 27, 537-41	4.9	22
45	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
44	The spatial and developmental relationships in the macrophage family. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 1517-22	9.4	22
43	E-Selectin Inhibition Mitigates Splenic HSC Activation and Myelopoiesis in Hypercholesterolemic Mice With Myocardial Infarction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016 , 36, 1802-8	9.4	21
42	The ins and outs of inflammatory cells in atheromata. <i>Cell Metabolism</i> , 2012 , 15, 135-6	24.6	20
41	Probing myeloid cell dynamics in ischaemic heart disease by nanotracer hot-spot imaging. <i>Nature Nanotechnology</i> , 2020 , 15, 398-405	28.7	20
40	Inhibition of macrophage proliferation dominates plaque regression in response to cholesterol lowering. <i>Basic Research in Cardiology</i> , 2020 , 115, 78	11.8	19
39	Inflammation and CVD in 2017: From clonal haematopoiesis to the CANTOS trial. <i>Nature Reviews Cardiology</i> , 2018 , 15, 79-80	14.8	19
38	B7RP-1 is not required for the generation of Th2 responses in a model of allergic airway inflammation but is essential for the induction of inhalation tolerance. <i>Journal of Immunology</i> , 2005 , 174, 3000-5	5.3	19
37	Diminished Reactive Hematopoiesis and Cardiac Inflammation in a Mouse Model of Recurrent Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 901-915	15.1	18
36	Interleukin-3 is a predictive marker for severity and outcome during SARS-CoV-2 infections. <i>Nature Communications</i> , 2021 , 12, 1112	17.4	18
35	Self-reactive CD4 IL-3 T cells amplify autoimmune inflammation in myocarditis by inciting monocyte chemotaxis. <i>Journal of Experimental Medicine</i> , 2019 , 216, 369-383	16.6	17
34	Growth Factors as Immunotherapeutic Targets in Cardiovascular Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019 , 39, 1275-1287	9.4	17
33	Bone Marrow Endothelial Cells Regulate Myelopoiesis in Diabetes Mellitus. <i>Circulation</i> , 2020 , 142, 244-258	15.7	17
32	Imaging macrophage development and fate in atherosclerosis and myocardial infarction. <i>Immunology and Cell Biology</i> , 2013 , 91, 297-303	5	17
31	Myeloperoxidase Nuclear Imaging for Epileptogenesis. <i>Radiology</i> , 2016 , 278, 822-30	20.5	16
30	Inhalation tolerance is induced selectively in thoracic lymph nodes but executed pervasively at distant mucosal and nonmucosal tissues. <i>Journal of Immunology</i> , 2006 , 176, 2568-80	5.3	16
29	Prolonged ovalbumin exposure attenuates airway hyperresponsiveness and T cell function in mice. <i>International Archives of Allergy and Immunology</i> , 2006 , 141, 130-40	3.7	13

28	Chronic stress primes innate immune responses in mice and humans. <i>Cell Reports</i> , 2021 , 36, 109595	10.6	11
27	Liver X receptors are required for thymic resilience and T cell output. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	10
26	Lp-PLA2 Antagonizes Left Ventricular Healing After Myocardial Infarction by Impairing the Appearance of Reparative Macrophages. <i>Circulation: Heart Failure</i> , 2015 , 8, 980-7	7.6	8
25	Concomitant airway expression of granulocyte-macrophage colony-stimulating factor and decorin, a natural inhibitor of transforming growth factor-beta, breaks established inhalation tolerance. <i>European Journal of Immunology</i> , 2004 , 34, 2375-86	6.1	8
24	A Miniaturized, Programmable Pacemaker for Long-Term Studies in the Mouse. <i>Circulation Research</i> , 2018 , 123, 1208-1219	15.7	8
23	Imaging Cardiovascular and Lung Macrophages With the Positron Emission Tomography Sensor Cu-Macrin in Mice, Rabbits, and Pigs. <i>Circulation: Cardiovascular Imaging</i> , 2020 , 13, e010586	3.9	7
22	Prosaposin mediates inflammation in atherosclerosis. <i>Science Translational Medicine</i> , 2021 , 13,	17.5	7
21	Cibinetide dampens innate immune cell functions thus ameliorating the course of experimental colitis. <i>Scientific Reports</i> , 2017 , 7, 13012	4.9	6
20	Multimodal Molecular Imaging Demonstrates Myeloperoxidase Regulation of Matrix Metalloproteinase Activity in Neuroinflammation. <i>Molecular Neurobiology</i> , 2019 , 56, 954-962	6.2	6
19	B lymphocyte-derived acetylcholine limits steady-state and emergency hematopoiesis.. <i>Nature Immunology</i> , 2022 , 23, 605-618	19.1	6
18	MARCOing monocytes for elimination. <i>Science Translational Medicine</i> , 2014 , 6, 219fs4	17.5	4
17	Folate receptor: a macrophage "achilles heel"?. <i>Journal of the American Heart Association</i> , 2012 , 1, e004036	17.5	4
16	Bone marrow endothelial dysfunction promotes myeloid cell expansion in cardiovascular disease 2022 , 1, 28-44		4
15	Monocyte recruitment and macrophage proliferation in atherosclerosis. <i>Kardiologia Polska</i> , 2014 , 72, 311-4	0.9	4
14	Is defective cholesterol efflux an integral inflammatory component in myelopoiesis-driven cardiovascular diseases?. <i>European Heart Journal</i> , 2018 , 39, 2168-2171	9.5	4
13	Cerebrospinal fluid can exit into the skull bone marrow and instruct cranial hematopoiesis in mice with bacterial meningitis.. <i>Nature Neuroscience</i> , 2022 ,	25.5	4
12	Inflammation: Old, caffeinated, and healthy. <i>Nature Reviews Cardiology</i> , 2017 , 14, 194-196	14.8	3
11	c-Myb Exacerbates Atherosclerosis through Regulation of Protective IgM-Producing Antibody-Secreting Cells. <i>Cell Reports</i> , 2019 , 27, 2304-2312.e6	10.6	3

10	Cerebrospinal fluid outflow through skull channels instructs cranial hematopoiesis		3
9	Reply: The Networks Between the Sympathetic Nervous System and Immune System in Atherosclerosis. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 432	15.1	2
8	Sepsis promotes splenic production of a protective platelet pool with high CD40 ligand expression.. <i>Journal of Clinical Investigation</i> , 2022 ,	15.9	2
7	Multimodal imaging of bacterial-host interface in mice and piglets with endocarditis. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	1
6	A durable murine model of spleen transplantation with arterial and venous anastomoses. <i>Scientific Reports</i> , 2020 , 10, 3979	4.9	1
5	Spontaneous Degenerative Aortic Valve Disease in New Zealand Obese Mice. <i>Journal of the American Heart Association</i> , 2021 , 10, e023131	6	1
4	The healing myocardium sequentially mobilizes two monocyte subsets with divergent and complementary functions. <i>Journal of Cell Biology</i> , 2007 , 179, i13-i13	7.3	1
3	Diversity of Inflammatory Cells in Vascular Degenerative Disease. <i>Cardiac and Vascular Biology</i> , 2017 , 81-97	0.2	
2	Mechanisms of Myeloid Cell Modulation of Atherosclerosis813-824		
1	Reply to RCardioimmunology of arrhythmias: the role of autoimmune and inflammatory cardiac channelopathiesR <i>Nature Reviews Immunology</i> , 2019 , 19, 65	36.5	