Filip K Swirski

List of Publications by Year
in descending order

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190 papers	30,277 citations	4641 85 h-index	4870 168 g-index
197 all docs	197 docs citations	197 times ranked	32793 citing authors

#	Article	IF	Citations
1	The healing myocardium sequentially mobilizes two monocyte subsets with divergent and complementary functions. Journal of Experimental Medicine, 2007, 204, 3037-3047.	4.2	1,926
2	Identification of Splenic Reservoir Monocytes and Their Deployment to Inflammatory Sites. Science, 2009, 325, 612-616.	6.0	1,806
3	Ly-6Chi monocytes dominate hypercholesterolemia-associated monocytosis and give rise to macrophages in atheromata. Journal of Clinical Investigation, 2007, 117, 195-205.	3.9	1,064
4	Cytokine storm and sepsis disease pathogenesis. Seminars in Immunopathology, 2017, 39, 517-528.	2.8	879
5	Myocardial infarction accelerates atherosclerosis. Nature, 2012, 487, 325-329.	13.7	874
6	Leukocyte Behavior in Atherosclerosis, Myocardial Infarction, and Heart Failure. Science, 2013, 339, 161-166.	6.0	856
7	Local proliferation dominates lesional macrophage accumulation in atherosclerosis. Nature Medicine, 2013, 19, 1166-1172.	15.2	855
8	Macrophages Facilitate Electrical Conduction in the Heart. Cell, 2017, 169, 510-522.e20.	13.5	703
9	Therapeutic siRNA silencing in inflammatory monocytes in mice. Nature Biotechnology, 2011, 29, 1005-1010.	9.4	697
10	Monocytes: Protagonists of Infarct Inflammation and Repair After Myocardial Infarction. Circulation, 2010, 121, 2437-2445.	1.6	645
11	Osteogenesis Associates With Inflammation in Early-Stage Atherosclerosis Evaluated by Molecular Imaging In Vivo. Circulation, 2007, 116, 2841-2850.	1.6	606
12	Chronic variable stress activates hematopoietic stem cells. Nature Medicine, 2014, 20, 754-758.	15.2	565
13	Origins of tumor-associated macrophages and neutrophils. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 2491-2496.	3.3	547
14	Nanoparticle PET-CT Imaging of Macrophages in Inflammatory Atherosclerosis. Circulation, 2008, 117, 379-387.	1.6	524
15	Cardioimmunology: the immune system in cardiac homeostasis and disease. Nature Reviews Immunology, 2018, 18, 733-744.	10.6	482
16	Differential Contribution of Monocytes to Heart Macrophages in Steady-State and After Myocardial Infarction. Circulation Research, 2014, 115, 284-295.	2.0	453
17	Rapid monocyte kinetics in acute myocardial infarction are sustained by extramedullary monocytopoiesis. Journal of Experimental Medicine, 2012, 209, 123-137.	4.2	435
18	Ly-6C ^{high} Monocytes Depend on Nr4a1 to Balance Both Inflammatory and Reparative Phases in the Infarcted Myocardium. Circulation Research, 2014, 114, 1611-1622.	2.0	427

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19	Extramedullary Hematopoiesis Generates Ly-6C ^{high} Monocytes That Infiltrate Atherosclerotic Lesions. Circulation, 2012, 125, 364-374.	1.6	398
20	Continuous Exposure to House Dust Mite Elicits Chronic Airway Inflammation and Structural Remodeling. American Journal of Respiratory and Critical Care Medicine, 2004, 169, 378-385.	2.5	371
21	Innate Response Activator B Cells Protect Against Microbial Sepsis. Science, 2012, 335, 597-601.	6.0	351
22	Abandoning M1/M2 for a Network Model of Macrophage Function. Circulation Research, 2016, 119, 414-417.	2.0	339
23	On-demand erythrocyte disposal and iron recycling requires transient macrophages in the liver. Nature Medicine, 2016, 22, 945-951.	15.2	333
24	Proliferation and Recruitment Contribute to Myocardial Macrophage Expansion in Chronic Heart Failure. Circulation Research, 2016, 119, 853-864.	2.0	318
25	Monocyte accumulation in mouse atherogenesis is progressive and proportional to extent of disease. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 10340-10345.	3.3	316
26	Cardiac macrophages promote diastolic dysfunction. Journal of Experimental Medicine, 2018, 215, 423-440.	4.2	314
27	Direct vascular channels connect skull bone marrow and the brain surface enabling myeloid cell migration. Nature Neuroscience, 2018, 21, 1209-1217.	7.1	302
28	PET/MRI of Inflammation in Myocardial Infarction. Journal of the American College of Cardiology, 2012, 59, 153-163.	1.2	301
29	Impaired Infarct Healing in Atherosclerotic Mice With Ly-6ChiMonocytosis. Journal of the American College of Cardiology, 2010, 55, 1629-1638.	1.2	281
30	Monocyte and Macrophage Heterogeneity in the Heart. Circulation Research, 2013, 112, 1624-1633.	2.0	279
31	Sleep modulates haematopoiesis and protects against atherosclerosis. Nature, 2019, 566, 383-387.	13.7	279
32	Self-renewing resident arterial macrophages arise from embryonic CX3CR1+ precursors and circulating monocytes immediately after birth. Nature Immunology, 2016, 17, 159-168.	7.0	275
33	Interleukin-3 amplifies acute inflammation and is a potential therapeutic target in sepsis. Science, 2015, 347, 1260-1265.	6.0	265
34	Leukocytes Link Local and SystemicÂInflammation in IschemicÂCardiovascularÂDisease. Journal of the American College of Cardiology, 2016, 67, 1091-1103.	1.2	257
35	Monocyte-Directed RNAi Targeting CCR2 Improves Infarct Healing in Atherosclerosis-Prone Mice. Circulation, 2013, 127, 2038-2046.	1.6	243
36	InÂVivo Silencing of the Transcription Factor IRF5 Reprograms the Macrophage Phenotype and Improves Infarct Healing. Journal of the American College of Cardiology, 2014, 63, 1556-1566.	1.2	220

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37	Hybrid PET-optical imaging using targeted probes. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 7910-7915.	3.3	208
38	Targeting Interleukin-1Î² Reduces Leukocyte Production After Acute Myocardial Infarction. Circulation, 2015, 132, 1880-1890.	1.6	200
39	Angiotensin-Converting Enzyme Inhibition Prevents the Release of Monocytes From Their Splenic Reservoir in Mice With Myocardial Infarction. Circulation Research, 2010, 107, 1364-1373.	2.0	198
40	Ischemic Stroke Activates Hematopoietic Bone Marrow Stem Cells. Circulation Research, 2015, 116, 407-417.	2.0	182
41	Activatable Magnetic Resonance Imaging Agent Reports Myeloperoxidase Activity in Healing Infarcts and Noninvasively Detects the Antiinflammatory Effects of Atorvastatin on Ischemia-Reperfusion Injury. Circulation, 2008, 117, 1153-1160.	1.6	178
42	Rapid detection and profiling of cancer cells in fine-needle aspirates. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 12459-12464.	3.3	176
43	Endothelial cells produce bone morphogenetic protein 6 required for iron homeostasis in mice. Blood, 2017, 129, 405-414.	0.6	176
44	Inhibiting macrophage proliferation suppresses atherosclerotic plaque inflammation. Science Advances, 2015, 1, .	4.7	173
45	RNAi targeting multiple cell adhesion molecules reduces immune cell recruitment and vascular inflammation after myocardial infarction. Science Translational Medicine, 2016, 8, 342ra80.	5.8	169
46	Myocardial Infarction Activates CCR2+ Hematopoietic Stem and Progenitor Cells. Cell Stem Cell, 2015, 16, 477-487.	5.2	168
47	Cigarette Smoke Decreases Pulmonary Dendritic Cells and Impacts Antiviral Immune Responsiveness. American Journal of Respiratory Cell and Molecular Biology, 2004, 30, 202-211.	1.4	167
48	Hybrid In Vivo FMT-CT Imaging of Protease Activity in Atherosclerosis With Customized Nanosensors. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 1444-1451.	1.1	161
49	The infarcted myocardium solicits GM-CSF for the detrimental oversupply of inflammatory leukocytes. Journal of Experimental Medicine, 2017, 214, 3293-3310.	4.2	161
50	Inhibiting Inflammation with Myeloid Cell-Specific Nanobiologics Promotes Organ Transplant Acceptance. Immunity, 2018, 49, 819-828.e6.	6.6	161
51	Angiotensin II Drives the Production of Tumor-Promoting Macrophages. Immunity, 2013, 38, 296-308.	6.6	157
52	Monocyte Fate in Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2015, 35, 272-279.	1.1	157
53	Exercise reduces inflammatory cell production and cardiovascular inflammation via instruction of hematopoietic progenitor cells. Nature Medicine, 2019, 25, 1761-1771.	15.2	157
54	Astrocytic interleukin-3 programs microglia and limits Alzheimerâ€™s disease. Nature, 2021, 595, 701-706.	13.7	157

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55	Dual Channel Optical Tomographic Imaging of Leukocyte Recruitment and Protease Activity in the Healing Myocardial Infarct. Circulation Research, 2007, 100, 1218-1225.	2.0	151
56	Increased stem cell proliferation in atherosclerosis accelerates clonal hematopoiesis. Cell, 2021, 184, 1348-1361.e22.	13.5	149
57	Labeling of immune cells for in vivo imaging using magnetofluorescent nanoparticles. Nature Protocols, 2006, 1, 73-79.	5.5	148
58	In vivo detection of Staphylococcus aureus endocarditis by targeting pathogen-specific prothrombin activation. Nature Medicine, 2011, 17, 1142-1146.	15.2	144
59	Notch ligand Delta-like 4 blockade attenuates atherosclerosis and metabolic disorders. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E1868-77.	3.3	144
60	Polymeric Nanoparticle PET/MR Imaging Allows Macrophage Detection in Atherosclerotic Plaques. Circulation Research, 2013, 112, 755-761.	2.0	144
61	Macrophages retain hematopoietic stem cells in the spleen via VCAM-1. Journal of Experimental Medicine, 2015, 212, 497-512.	4.2	143
62	Flow Perturbation Mediates Neutrophil Recruitment and Potentiates Endothelial Injury via TLR2 in Mice. Circulation Research, 2017, 121, 31-42.	2.0	141
63	Pleural innate response activator B cells protect against pneumonia via a GM-CSF-IgM axis. Journal of Experimental Medicine, 2014, 211, 1243-1256.	4.2	132
64	â€œPumping ironâ€â€”how macrophages handle iron at the systemic, microenvironmental, and cellular levels. Pflugers Archiv European Journal of Physiology, 2017, 469, 397-418.	1.3	132
65	Multimodality Cardiovascular Molecular Imaging, Part II. Circulation: Cardiovascular Imaging, 2009, 2, 56-70.	1.3	130
66	Detection of Macrophages in Aortic Aneurysms by Nanoparticle Positron Emission Tomographyâ€“Computed Tomography. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 750-757.	1.1	130
67	Gut intraepithelial T cells calibrate metabolism and accelerate cardiovascular disease. Nature, 2019, 566, 115-119.	13.7	128
68	Integrated Biosensor for Rapid and Point-of-Care Sepsis Diagnosis. ACS Nano, 2018, 12, 3378-3384.	7.3	122
69	Heterogeneous In Vivo Behavior of Monocyte Subsets in Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 1424-1432.	1.1	121
70	Polyglucose nanoparticles with renal elimination and macrophage avidity facilitate PET imaging in ischaemic heart disease. Nature Communications, 2017, 8, 14064.	5.8	118
71	In vivo imaging of T cell delivery to tumors after adoptive transfer therapy. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 12457-12461.	3.3	113
72	Systemic RNAi-mediated Gene Silencing in Nonhuman Primate and Rodent Myeloid Cells. Molecular Therapy - Nucleic Acids, 2012, 1, e4.	2.3	112

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73	Tissue-Specific Macrophage Responses to Remote Injury Impact the Outcome of Subsequent Local Immune Challenge. Immunity, 2019, 51, 899-914.e7.	6.6	110
74	Innate Response Activator B Cells Aggravate Atherosclerosis by Stimulating T Helper-1 Adaptive Immunity. Circulation, 2014, 129, 1677-1687.	1.6	107
75	A dense network of dendritic cells populates the murine epididymis. Reproduction, 2011, 141, 653-663.	1.1	106
76	Regulation of Monocyte Functional Heterogeneity by miR-146a and Relb. Cell Reports, 2012, 1, 317-324.	2.9	105
77	Noninvasive In Vivo Imaging of Monocyte Trafficking to Atherosclerotic Lesions. Circulation, 2008, 117, 388-395.	1.6	103
78	Behavior of Endogenous Tumor-Associated Macrophages Assessed In Vivo Using a Functionalized Nanoparticle. Neoplasia, 2009, 11, 459-IN4.	2.3	103
79	The multiple roles of monocyte subsets in steady state and inflammation. Cellular and Molecular Life Sciences, 2010, 67, 2685-2693.	2.4	102
80	Stage-dependent differential effects of interleukin-1 isoforms on experimental atherosclerosis. European Heart Journal, 2019, 40, 2482-2491.	1.0	102
81	Silencing of CCR2 in myocarditis. European Heart Journal, 2015, 36, 1478-1488.	1.0	101
82	Caveolin-1 Regulates Atherogenesis by Attenuating Low-Density Lipoprotein Transcytosis and Vascular Inflammation Independently of Endothelial Nitric Oxide Synthase Activation. Circulation, 2019, 140, 225-239.	1.6	100
83	Circadian Influence on Metabolism and Inflammation in Atherosclerosis. Circulation Research, 2016, 119, 131-141.	2.0	98
84	Hematopoiesis and Cardiovascular Disease. Circulation Research, 2020, 126, 1061-1085.	2.0	96
85	Immune cell screening of a nanoparticle library improves atherosclerosis therapy. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E6731-E6740.	3.3	95
86	Efficacy and safety assessment of a TRAF6-targeted nanoimmunotherapy in atherosclerotic mice and non-human primates. Nature Biomedical Engineering, 2018, 2, 279-292.	11.6	94
87	Myeloperoxidase-rich Ly-6C+ myeloid cells infiltrate allografts and contribute to an imaging signature of organ rejection in mice. Journal of Clinical Investigation, 2010, 120, 2627-2634.	3.9	90
88	Lifestyle Effects on Hematopoiesis and Atherosclerosis. Circulation Research, 2015, 116, 884-894.	2.0	89
89	Neutrophil-macrophage communication in inflammation and atherosclerosis. Science, 2015, 349, 237-238.	6.0	87
90	Hypercholesterolemia links hematopoiesis with atherosclerosis. Trends in Endocrinology and Metabolism, 2013, 24, 129-136.	3.1	83

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91	Chronic Exposure to Innocuous Antigen in Sensitized Mice Leads to Suppressed Airway Eosinophilia That Is Reversed by Granulocyte Macrophage Colony-Stimulating Factor. Journal of Immunology, 2002, 169, 3499-3506.	0.4	82
92	Molecular Imaging of Innate Immune Cell Function in Transplant Rejection. Circulation, 2009, 119, 1925-1932.	1.6	81
93	Demyelinating Diseases: Myeloperoxidase as an Imaging Biomarker and Therapeutic Target. Radiology, 2012, 263, 451-460.	3.6	81
94	Nanoparticle-encapsulated siRNAs for gene silencing in the haematopoietic stem-cell niche. Nature Biomedical Engineering, 2020, 4, 1076-1089.	11.6	80
95	Myeloperoxidase Inhibition Improves Ventricular Function and Remodeling AfterÂExperimental Myocardial Infarction. JACC Basic To Translational Science, 2016, 1, 633-643.	1.9	77
96	Monocyte heterogeneity in cardiovascular disease. Seminars in Immunopathology, 2013, 35, 553-562.	2.8	72
97	Imaging Macrophage and Hematopoietic Progenitor Proliferation in Atherosclerosis. Circulation Research, 2015, 117, 835-845.	2.0	72
98	Cerebrospinal fluid can exit into the skull bone marrow and instruct cranial hematopoiesis in mice with bacterial meningitis. Nature Neuroscience, 2022, 25, 567-576.	7.1	72
99	ANGPTL4 deficiency in haematopoietic cells promotes monocyte expansion and atherosclerosis progression. Nature Communications, 2016, 7, 12313.	5.8	71
100	Brain motor and fear circuits regulate leukocytes during acute stress. Nature, 2022, 607, 578-584.	13.7	69
101	Innate immune cells in ischaemic heart disease: does myocardial infarction beget myocardial infarction?. European Heart Journal, 2016, 37, 868-872.	1.0	67
102	Modifiable Cardiovascular Risk, Hematopoiesis, and Innate Immunity. Circulation Research, 2020, 126, 1242-1259.	2.0	67
103	Real-time assessment of inflammation and treatment response in a mouse model of allergic airway inflammation. Journal of Clinical Investigation, 2008, 118, 4058-4066.	3.9	66
104	Diversity of Denizens of the Atherosclerotic Plaque. Circulation, 2008, 117, 3168-3170.	1.6	65
105	The journey from stem cell to macrophage. Annals of the New York Academy of Sciences, 2014, 1319, 1-18.	1.8	64
106	Imaging Systemic Inflammatory Networks in Ischemic Heart Disease. Journal of the American College of Cardiology, 2015, 65, 1583-1591.	1.2	64
107	Development and Function of Arterial and Cardiac Macrophages. Trends in Immunology, 2016, 37, 32-40.	2.9	64
108	Molecular Imaging of Inflammation in Atherosclerosis. Theranostics, 2013, 3, 865-884.	4.6	63

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109	Wnt5a-Mediated Neutrophil Recruitment Has an Obligatory Role in Pressure Overloadâ€“Induced Cardiac Dysfunction. Circulation, 2019, 140, 487-499.	1.6	60
110	A Near-Infrared Cell Tracker Reagent for Multiscopic In Vivo Imaging and Quantification of Leukocyte Immune Responses. PLoS ONE, 2007, 2, e1075.	1.1	59
111	Unraveling Vascular Inflammation. Journal of the American College of Cardiology, 2017, 70, 1403-1412.	1.2	59
112	Interleukin-13â€“Dependent Expression of Matrix Metalloproteinase-12 Is Required for the Development of Airway Eosinophilia in Mice. American Journal of Respiratory Cell and Molecular Biology, 2004, 30, 84-90.	1.4	54
113	Chronic stress primes innate immune responses in mice and humans. Cell Reports, 2021, 36, 109595.	2.9	53
114	Imaging-assisted nanoimmunotherapy for atherosclerosis in multiple species. Science Translational Medicine, 2019, 11, .	5.8	51
115	Glucocorticoids Regulate Bone Marrow B Lymphopoiesis After Stroke. Circulation Research, 2019, 124, 1372-1385.	2.0	50
116	Monocyte Subset Dynamics in Human Atherosclerosis Can Be Profiled with Magnetic Nano-Sensors. PLoS ONE, 2009, 4, e5663.	1.1	50
117	From proliferation to proliferation: monocyte lineage comes full circle. Seminars in Immunopathology, 2014, 36, 137-148.	2.8	48
118	Making a Difference: Monocyte Heterogeneity in Cardiovascular Disease. Current Atherosclerosis Reports, 2012, 14, 450-459.	2.0	47
119	Monocyte and Macrophage Dynamics in the Cardiovascular System. Journal of the American College of Cardiology, 2018, 72, 2198-2212.	1.2	47
120	Imaging the Vascular Bone Marrow Niche During Inflammatory Stress. Circulation Research, 2018, 123, 415-427.	2.0	45
121	Interleukin-3 is a predictive marker for severity and outcome during SARS-CoV-2 infections. Nature Communications, 2021, 12, 1112.	5.8	44
122	Bone Marrow Endothelial Cells Regulate Myelopoiesis in Diabetes Mellitus. Circulation, 2020, 142, 244-258.	1.6	42
123	Probing myeloid cell dynamics in ischaemic heart disease by nanotracer hot-spot imaging. Nature Nanotechnology, 2020, 15, 398-405.	15.6	42
124	Prosaposin mediates inflammation in atherosclerosis. Science Translational Medicine, 2021, 13, .	5.8	42
125	Immunopathogenesis of abdominal sepsis. Langenbeck's Archives of Surgery, 2014, 399, 1-9.	0.8	40
126	The transcription factor NR4A1 is essential for the development of a novel macrophage subset in the thymus. Scientific Reports, 2015, 5, 10055.	1.6	39

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127	Different Capacity of Monocyte Subsets to Phagocytose Iron-Oxide Nanoparticles. PLoS ONE, 2011, 6, e25197.	1.1	38
128	Innate response activator B cells: origins and functions. International Immunology, 2015, 27, 537-541.	1.8	38
129	Inhibition of macrophage proliferation dominates plaque regression in response to cholesterol lowering. Basic Research in Cardiology, 2020, 115, 78.	2.5	37
130	Growth Factors as Immunotherapeutic Targets in Cardiovascular Disease. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 1275-1287.	1.1	36
131	Nanoparticle PET-CT Detects Rejection and Immunomodulation in Cardiac Allografts. Circulation: Cardiovascular Imaging, 2013, 6, 568-573.	1.3	35
132	Temporalâ€“Spatial Analysis of the Immune Response in a Murine Model of Ovalbumin-Induced Airways Inflammation. American Journal of Respiratory Cell and Molecular Biology, 2001, 25, 326-334.	1.4	34
133	Self-reactive CD4+ IL-3+ T cells amplify autoimmune inflammation in myocarditis by inciting monocyte chemotaxis. Journal of Experimental Medicine, 2019, 216, 369-383.	4.2	34
134	Mechanisms of Myeloid Cell Modulation of Atherosclerosis. Microbiology Spectrum, 2016, 4, .	1.2	33
135	B lymphocyte-derived acetylcholine limits steady-state and emergency hematopoiesis. Nature Immunology, 2022, 23, 605-618.	7.0	33
136	Neutrophils incite and macrophages avert electrical storm after myocardial infarction. , 2022, 1, 649-664.		33
137	Imaging Cardiovascular and Lung Macrophages With the Positron Emission Tomography Sensor ⁶⁴ Cu-Macrin in Mice, Rabbits, and Pigs. Circulation: Cardiovascular Imaging, 2020, 13, e010586.	1.3	32
138	Bone marrow endothelial dysfunction promotes myeloid cell expansion in cardiovascular disease. , 2022, 1, 28-44.		32
139	Monocytes link atherosclerosis and cancer. European Journal of Immunology, 2011, 41, 2519-2522.	1.6	31
140	Atheroprotection through SYK inhibition fails in established disease when local macrophage proliferation dominates lesion progression. Basic Research in Cardiology, 2016, 111, 20.	2.5	31
141	The Spatial and Developmental Relationships in the Macrophage Family. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 1517-1522.	1.1	30
142	Divergent immune responses to house dust mite lead to distinct structural-functional phenotypes. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 293, L730-L739.	1.3	28
143	Diminished Reactive Hematopoiesis and Cardiac Inflammation in a Mouse Model of Recurrent Myocardial Infarction. Journal of the American College of Cardiology, 2020, 75, 901-915.	1.2	28
144	Sepsis promotes splenic production of a protective platelet pool with high CD40 ligand expression. Journal of Clinical Investigation, 2022, 132, .	3.9	28

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145	E-Selectin Inhibition Mitigates Splenic HSC Activation and Myelopoiesis in Hypercholesterolemic Mice With Myocardial Infarction. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1802-1808.	1.1	26
146	Neutrophils Usher Monocytes Into Sites of Inflammation. Circulation Research, 2013, 112, 744-745.	2.0	25
147	From clonal haematopoiesis to the CANTOS trial. Nature Reviews Cardiology, 2018, 15, 79-80.	6.1	25
148	The Ins and Outs of Inflammatory Cells in Atheromata. Cell Metabolism, 2012, 15, 135-136.	7.2	24
149	Myeloperoxidase Nuclear Imaging for Epileptogenesis. Radiology, 2016, 278, 822-830.	3.6	24
150	Macrophage-Stem Cell Crosstalk After Myocardial Infarction. Journal of the American College of Cardiology, 2013, 62, 1902-1904.	1.2	23
151	Cholesterol, CCR2, and monocyte phenotypes in atherosclerosis. European Heart Journal, 2017, 38, 1594-1596.	1.0	21
152	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. Journal of Immunology, 2005, 174, 3000-3005.	0.4	20
153	Imaging macrophage development and fate in atherosclerosis and myocardial infarction. Immunology and Cell Biology, 2013, 91, 297-303.	1.0	20
154	Regulating Repair. Circulation Research, 2014, 115, 7-9.	2.0	20
155	Do Vascular Smooth Muscle Cells Differentiate to Macrophages in Atherosclerotic Lesions?. Circulation Research, 2014, 115, 605-606.	2.0	20
156	Liver X receptors are required for thymic resilience and T cell output. Journal of Experimental Medicine, 2020, 217, .	4.2	20
157	A Miniaturized, Programmable Pacemaker for Long-Term Studies in the Mouse. Circulation Research, 2018, 123, 1208-1219.	2.0	18
158	Prolonged Ovalbumin Exposure Attenuates Airway Hyperresponsiveness and T Cell Function in Mice. International Archives of Allergy and Immunology, 2006, 141, 130-140.	0.9	17
159	Inhalation Tolerance Is Induced Selectively in Thoracic Lymph Nodes but Executed Pervasively at Distant Mucosal and Nonmucosal Tissues. Journal of Immunology, 2006, 176, 2568-2580.	0.4	17
160	Bone Marrow Takes Center Stage in Cardiovascular Disease. Circulation Research, 2016, 119, 701-703.	2.0	14
161	Lp-PLA ₂ Antagonizes Left Ventricular Healing After Myocardial Infarction by Impairing the Appearance of Reparative Macrophages. Circulation: Heart Failure, 2015, 8, 980-987.	1.6	11
162	Concomitant airway expression of granulocyte-macrophage colony-stimulating factor and decorin, a natural inhibitor of transforming growth factor-Î², breaks established inhalation tolerance. European Journal of Immunology, 2004, 34, 2375-2386.	1.6	9

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163	Cibinetide dampens innate immune cell functions thus ameliorating the course of experimental colitis. Scientific Reports, 2017, 7, 13012.	1.6	9
164	Newly discovered innate response activator B cells: crucial responders against microbial sepsis. Expert Review of Clinical Immunology, 2012, 8, 405-407.	1.3	8
165	Is defective cholesterol efflux an integral inflammatory component in myelopoiesis-driven cardiovascular diseases?. European Heart Journal, 2018, 39, 2168-2171.	1.0	8
166	Multimodal Molecular Imaging Demonstrates Myeloperoxidase Regulation of Matrix Metalloproteinase Activity in Neuroinflammation. Molecular Neurobiology, 2019, 56, 954-962.	1.9	8
167	The Myocardium. Journal of the American College of Cardiology, 2019, 74, 3136-3138.	1.2	8
168	Platelets have a dangerous hold over immune cells in cardiovascular disease. Nature, 2020, 577, 323-324.	13.7	8
169	Folate Receptor: A Macrophage â€œAchilles' Heelâ€?. Journal of the American Heart Association, 2012, 1, e004036.	1.6	6
170	PET Imaging of Leukocytes in Patients With Acute Myocardial Infarction. JACC: Cardiovascular Imaging, 2015, 8, 1427-1429.	2.3	6
171	Multimodal imaging of bacterial-host interface in mice and piglets with Staphylococcus aureus endocarditis. Science Translational Medicine, 2020, 12, .	5.8	6
172	Monocyte recruitment and macrophage proliferation in atherosclerosis. Kardiologia Polska, 2014, 72, 311-314.	0.3	6
173	Spontaneous Degenerative Aortic Valve Disease in New Zealand Obese Mice. Journal of the American Heart Association, 2021, 10, e023131.	1.6	5
174	MARCOing Monocytes for Elimination. Science Translational Medicine, 2014, 6, 219fs4.	5.8	4
175	Imaging Systemic Inflammation in Patients With Acute Myocardial Infarction. Circulation: Cardiovascular Imaging, 2014, 7, 762-764.	1.3	3
176	Monocytosis, Hypercholesterolemia, and the Kinase That Binds Them. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 173-175.	1.1	3
177	Old, caffeinated, and healthy. Nature Reviews Cardiology, 2017, 14, 194-196.	6.1	3
178	c-Myb Exacerbates Atherosclerosis through Regulation of Protective IgM-Producing Antibody-Secreting Cells. Cell Reports, 2019, 27, 2304-2312.e6.	2.9	3
179	Mischief in the marrow: a root of cardiovascular evil. European Heart Journal, 2022, , .	1.0	3
180	Reply. Journal of the American College of Cardiology, 2016, 68, 432.	1.2	2

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181	Fluorescent Leukocytes Enter Plaque on the Microscope Stage. Circulation Research, 2014, 114, 740-741.	2.0	1
182	Clonal Hematopoiesis Wages War on the Myocardium. Journal of the American College of Cardiology, 2018, 71, 887-889.	1.2	1
183	A CRISPR Take on Clonal Hematopoiesis. Circulation Research, 2018, 123, 313-314.	2.0	1
184	A durable murine model of spleen transplantation with arterial and venous anastomoses. Scientific Reports, 2020, 10, 3979.	1.6	1
185	The healing myocardium sequentially mobilizes two monocyte subsets with divergent and complementary functions. Journal of Cell Biology, 2007, 179, i13-i13.	2.3	1
186	Rings of Fire. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 1671-1672.	1.1	0
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