

Christoph Scheiermann

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

7,895
citations

126708

33
h-index

189595

50
g-index

65
all docs

65
docs citations

65
times ranked

11366
citing authors

#	ARTICLE	IF	CITATIONS
1	Arteriolar niches maintain haematopoietic stem cell quiescence. <i>Nature</i> , 2013, 502, 637-643.	13.7	1,002
2	Circadian control of the immune system. <i>Nature Reviews Immunology</i> , 2013, 13, 190-198.	10.6	782
3	Bone marrow CD169+ macrophages promote the retention of hematopoietic stem and progenitor cells in the mesenchymal stem cell niche. <i>Journal of Experimental Medicine</i> , 2011, 208, 261-271.	4.2	732
4	Neutrophil ageing is regulated by the microbiome. <i>Nature</i> , 2015, 525, 528-532.	13.7	627
5	Megakaryocytes regulate hematopoietic stem cell quiescence through CXCL4 secretion. <i>Nature Medicine</i> , 2014, 20, 1315-1320.	15.2	483
6	Adrenergic Nerves Govern Circadian Leukocyte Recruitment to Tissues. <i>Immunity</i> , 2012, 37, 290-301.	6.6	406
7	Mesenchymal Stem Cell: Keystone of the Hematopoietic Stem Cell Niche and a Stepping-Stone for Regenerative Medicine. <i>Annual Review of Immunology</i> , 2013, 31, 285-316.	9.5	381
8	Clocking in to immunity. <i>Nature Reviews Immunology</i> , 2018, 18, 423-437.	10.6	346
9	Venular basement membranes contain specific matrix protein low expression regions that act as exit points for emigrating neutrophils. <i>Journal of Experimental Medicine</i> , 2006, 203, 1519-1532.	4.2	338
10	Lymphocyte Circadian Clocks Control Lymph Node Trafficking and Adaptive Immune Responses. <i>Immunity</i> , 2017, 46, 120-132.	6.6	324
11	Chemotherapy-induced bone marrow nerve injury impairs hematopoietic regeneration. <i>Nature Medicine</i> , 2013, 19, 695-703.	15.2	232
12	Disruption of neurofascin localization reveals early changes preceding demyelination and remyelination in multiple sclerosis. <i>Brain</i> , 2006, 129, 3173-3185.	3.7	167
13	Circadian Expression of Migratory Factors Establishes Lineage-Specific Signatures that Guide the Homing of Leukocyte Subsets to Tissues. <i>Immunity</i> , 2018, 49, 1175-1190.e7.	6.6	141
14	JAM-C regulates unidirectional monocyte transendothelial migration in inflammation. <i>Blood</i> , 2007, 110, 2545-2555.	0.6	140
15	Chrono-pharmacological Targeting of the CCL2-CCR2 Axis Ameliorates Atherosclerosis. <i>Cell Metabolism</i> , 2018, 28, 175-182.e5.	7.2	139
16	JAM-A mediates neutrophil transmigration in a stimulus-specific manner in vivo: evidence for sequential roles for JAM-A and PECAM-1 in neutrophil transmigration. <i>Blood</i> , 2007, 110, 1848-1856.	0.6	126
17	ICAM-2 mediates neutrophil transmigration in vivo: evidence for stimulus specificity and a role in PECAM-1-independent transmigration. <i>Blood</i> , 2006, 107, 4721-4727.	0.6	117
18	The time of day of myocardial infarction onset affects healing through oscillations in cardiac neutrophil recruitment. <i>EMBO Molecular Medicine</i> , 2016, 8, 937-948.	3.3	115

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19	Evidence for a protective role of Mcl-1 in proteasome inhibitor-induced apoptosis. <i>Blood</i> , 2005, 105, 3255-3262.	0.6	114
20	Time-of-Day-Dependent Trafficking and Function of Leukocyte Subsets. <i>Trends in Immunology</i> , 2019, 40, 524-537.	2.9	101
21	Molecular Interactions Between Components of the Circadian Clock and the Immune System. <i>Journal of Molecular Biology</i> , 2020, 432, 3700-3713.	2.0	96
22	Recruitment of classical monocytes can be inhibited by disturbing heteromers of neutrophil HNP1 and platelet CCL5. <i>Science Translational Medicine</i> , 2015, 7, 317ra196.	5.8	90
23	Hydroxyurea and a cGMP-amplifying agent have immediate benefits on acute vaso-occlusive events in sickle cell disease mice. <i>Blood</i> , 2012, 120, 2879-2888.	0.6	86
24	Control of Leukocyte Trafficking by Stress-Associated Hormones. <i>Frontiers in Immunology</i> , 2018, 9, 3143.	2.2	82
25	Regulation of leucocyte homeostasis in the circulation. <i>Cardiovascular Research</i> , 2015, 107, 340-351.	1.8	79
26	The circadian immune system. <i>Science Immunology</i> , 2022, 7, .	5.6	60
27	Acute mental stress drives vascular inflammation and promotes plaque destabilization in mouse atherosclerosis. <i>European Heart Journal</i> , 2021, 42, 4077-4088.	1.0	58
28	Junctional Adhesion Molecule-C Mediates Leukocyte Infiltration in Response to Ischemia Reperfusion Injury. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 1509-1515.	1.1	57
29	Expression and Function of Junctional Adhesion Molecule-C in Myelinated Peripheral Nerves. <i>Science</i> , 2007, 318, 1472-1475.	6.0	55
30	Cathepsin G Controls Arterial But Not Venular Myeloid Cell Recruitment. <i>Circulation</i> , 2016, 134, 1176-1188.	1.6	54
31	Circadian clocks guide dendritic cells into skin lymphatics. <i>Nature Immunology</i> , 2021, 22, 1375-1381.	7.0	47
32	Artery-Associated Sympathetic Innervation Drives Rhythmic Vascular Inflammation of Arteries and Veins. <i>Circulation</i> , 2019, 140, 1100-1114.	1.6	37
33	Neutrophils Recirculate through Lymph Nodes to Survey Tissues for Pathogens. <i>Journal of Immunology</i> , 2020, 204, 2552-2561.	0.4	36
34	Circadian rhythms in leukocyte trafficking. <i>Seminars in Immunopathology</i> , 2014, 36, 149-62.	2.8	30
35	MHC Class II Antigen Presentation by Lymphatic Endothelial Cells in Tumors Promotes Intratumoral Regulatory T cell "Suppressive Functions. <i>Cancer Immunology Research</i> , 2021, 9, 748-764.	1.6	30
36	Bone Marrow Neuropathy Prevents Hematopoietic Regeneration. <i>Blood</i> , 2011, 118, 139-139.	0.6	26

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37	Macroautophagy in lymphatic endothelial cells inhibits T cell-mediated autoimmunity. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	21
38	IFN- γ -dependent tumor-antigen cross-presentation by lymphatic endothelial cells promotes their killing by T cells and inhibits metastasis. <i>Science Advances</i> , 2022, 8, .	4.7	20
39	Peripheral neurotransmitters in the immune system. <i>Current Opinion in Physiology</i> , 2021, 19, 73-79.	0.9	18
40	Neutrophil microdomains: linking heterocellular interactions with vascular injury. <i>Current Opinion in Hematology</i> , 2010, 17, 25-30.	1.2	14
41	Rac signal adaptation controls neutrophil mobilization from the bone marrow. <i>Science Signaling</i> , 2016, 9, ra124.	1.6	14
42	Loss of direct adrenergic innervation after peripheral nerve injury causes lymph node expansion through IFN- γ . <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	14
43	Binding of Rap1 and Riam to Talin1 Fine-Tune β 2 Integrin Activity During Leukocyte Trafficking. <i>Frontiers in Immunology</i> , 2021, 12, 702345.	2.2	13
44	Differential requirement of kindlin-3 for T cell progenitor homing to the non-vascularized and vascularized thymus. <i>ELife</i> , 2018, 7, .	2.8	11
45	Some Monocytes Got Rhythm. <i>Science</i> , 2013, 341, 1462-1464.	6.0	8
46	Control of lymph node activity by direct local innervation. <i>Trends in Neurosciences</i> , 2022, , .	4.2	7
47	Local Adrenergic Nerves Regulate Diurnal Leukocyte Adhesion: Impact In Sickle Cell Disease. <i>Blood</i> , 2011, 118, 1099-1099.	0.6	6
48	Editorial: Circadian Control of Immunity. <i>Frontiers in Immunology</i> , 2020, 11, 618843.	2.2	4
49	Timing vaccination against SARS-CoV-2. <i>Cell Research</i> , 2021, 31, 1146-1147.	5.7	4
50	Regulation of Immunity by the Circadian Clock. , 2016, , 251-266.		2
51	Megakaryocytes Regulate Hematopoietic Stem Cell Quiescence Via PF4 Secretion. <i>Blood</i> , 2013, 122, 3-3.	0.6	2
52	The junctional adhesion molecule (JAM)-C is required for maintaining the integrity and function of myelinated peripheral nerves. <i>Journal of Neuropathology and Experimental Neurology</i> , 2007, 66, 431-432.	0.9	0
53	Peri-vascular megakaryocytes restrain hematopoietic stem cell proliferation. <i>Experimental Hematology</i> , 2013, 41, S12.	0.2	0
54	Ex Vivo Whole-Mount Imaging of Leukocyte Migration to the Bone Marrow. <i>Methods in Molecular Biology</i> , 2021, 2308, 139-150.	0.4	0

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55	Paul S. Frenette (1965–2021). <i>Nature Cell Biology</i> , 2021, 23, 1049-1050.	4.6	0
56	Venular basement membranes contain specific matrix protein low expression regions that act as exit points for emigrating neutrophils. <i>Journal of Cell Biology</i> , 2006, 173, i11-i11.	2.3	0
57	The junctional adhesion molecule (JAM)-1 is required for maintaining the integrity and function of myelinated peripheral nerves. <i>FASEB Journal</i> , 2007, 21, A65.	0.2	0
58	Effect of soluble JAM-1 on leukocyte transmigration in models of ischemia/reperfusion injury. <i>FASEB Journal</i> , 2009, 23, 360.3.	0.2	0
59	Leukocyte recruitment to the cremaster muscle exhibits circadian oscillations. <i>FASEB Journal</i> , 2010, 24, 355.6.	0.2	0
60	Circadian Adrenergic Regulation of Bone Marrow Endothelial Adhesion Molecule Expression Impacts Progenitor Recruitment and Engraftment Efficiency. <i>Blood</i> , 2010, 116, 398-398.	0.6	0
61	Dendritic Cells Direct Circadian Anti-Tumor Immune Response. <i>FASEB Journal</i> , 2022, 36, .	0.2	0
62	Time-of-Day Influence on Central Nervous System Autoimmunity. <i>FASEB Journal</i> , 2022, 36, .	0.2	0
63	Benefit of Circadian Clocks in Adaptive Immunity And Vaccination Responses. <i>FASEB Journal</i> , 2022, 36, .	0.2	0