

Philipp von Hundelshausen

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

65
papers

5,436
citations

34
h-index

71
g-index

71
ext. papers

6,130
ext. citations

9.3
avg, IF

5.59
L-index

#	Paper	IF	Citations
65	Platelets as immune cells: bridging inflammation and cardiovascular disease. <i>Circulation Research</i> , 2007 , 100, 27-40	15.7	519
64	RANTES deposition by platelets triggers monocyte arrest on inflamed and atherosclerotic endothelium. <i>Circulation</i> , 2001 , 103, 1772-7	16.7	470
63	Disrupting functional interactions between platelet chemokines inhibits atherosclerosis in hyperlipidemic mice. <i>Nature Medicine</i> , 2009 , 15, 97-103	50.5	338
62	SDF-1alpha/CXCR4 axis is instrumental in neointimal hyperplasia and recruitment of smooth muscle progenitor cells. <i>Circulation Research</i> , 2005 , 96, 784-91	15.7	314
61	Platelet microparticles: a transcellular delivery system for RANTES promoting monocyte recruitment on endothelium. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2005 , 25, 1512-8	9.4	298
60	Deposition of platelet RANTES triggering monocyte recruitment requires P-selectin and is involved in neointima formation after arterial injury. <i>Circulation</i> , 2002 , 106, 1523-9	16.7	288
59	Heterophilic interactions of platelet factor 4 and RANTES promote monocyte arrest on endothelium. <i>Blood</i> , 2005 , 105, 924-30	2.2	282
58	Differential chemokine receptor expression and function in human monocyte subpopulations. <i>Journal of Leukocyte Biology</i> , 2000 , 67, 699-704	6.5	257
57	Platelet chemokines in vascular disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008 , 28, 1920-7	9.4	217
56	Differential immobilization and hierarchical involvement of chemokines in monocyte arrest and transmigration on inflamed endothelium in shear flow. <i>European Journal of Immunology</i> , 1999 , 29, 700-12	6.1	178
55	Platelets in atherosclerosis. <i>Thrombosis and Haemostasis</i> , 2011 , 106, 827-38	7	163
54	Disruption of platelet-derived chemokine heteromers prevents neutrophil extravasation in acute lung injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012 , 185, 628-36	10.2	160
53	Regulated shedding of transmembrane chemokines by the disintegrin and metalloproteinase 10 facilitates detachment of adherent leukocytes. <i>Journal of Immunology</i> , 2007 , 178, 8064-72	5.3	142
52	Platelet-derived chemokines in vascular biology. <i>Thrombosis and Haemostasis</i> , 2007 , 97, 704-13	7	135
51	CXC chemokine ligand 4 (Cxcl4) is a platelet-derived mediator of experimental liver fibrosis. <i>Hepatology</i> , 2010 , 51, 1345-53	11.2	114
50	Crucial role of the CCL2/CCR2 axis in neointimal hyperplasia after arterial injury in hyperlipidemic mice involves early monocyte recruitment and CCL2 presentation on platelets. <i>Circulation Research</i> , 2004 , 95, 1125-33	15.7	109
49	Neutrophil-derived cathelicidin promotes adhesion of classical monocytes. <i>Circulation Research</i> , 2013 , 112, 792-801	15.7	108

48	Platelets and their chemokines in atherosclerosis-clinical applications. <i>Frontiers in Physiology</i> , 2014 , 5, 294	4.6	85
47	Touch of chemokines. <i>Frontiers in Immunology</i> , 2012 , 3, 175	8.4	81
46	Chemokine interactome mapping enables tailored intervention in acute and chronic inflammation. <i>Science Translational Medicine</i> , 2017 , 9,	17.5	71
45	Platelet-mediated enhancement of leukocyte adhesion. <i>Microcirculation</i> , 2009 , 16, 84-96	2.9	66
44	Recruitment of classical monocytes can be inhibited by disturbing heteromers of neutrophil HNP1 and platelet CCL5. <i>Science Translational Medicine</i> , 2015 , 7, 317ra196	17.5	64
43	Inhibition of inflammatory endothelial responses by a pathway involving caspase activation and p65 cleavage. <i>Biochemistry</i> , 2001 , 40, 4686-92	3.2	64
42	Platelet chemokines in health and disease. <i>Thrombosis and Haemostasis</i> , 2013 , 110, 894-902	7	60
41	Hyperreactivity of junctional adhesion molecule A-deficient platelets accelerates atherosclerosis in hyperlipidemic mice. <i>Circulation Research</i> , 2015 , 116, 587-99	15.7	59
40	Differential and additive effects of platelet-derived chemokines on monocyte arrest on inflamed endothelium under flow conditions. <i>Journal of Leukocyte Biology</i> , 2005 , 78, 435-41	6.5	53
39	Importance of junctional adhesion molecule-A for neointimal lesion formation and infiltration in atherosclerosis-prone mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006 , 26, e10-3	9.4	48
38	Indium-111 oxine labelling affects the cellular integrity of haematopoietic progenitor cells. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2007 , 34, 715-721	8.8	47
37	Platelets are a previously unrecognised source of MIF. <i>Thrombosis and Haemostasis</i> , 2013 , 110, 1004-13	7	46
36	CANTOS Trial Validates the Inflammatory Pathogenesis of Atherosclerosis: Setting the Stage for a New Chapter in Therapeutic Targeting. <i>Circulation Research</i> , 2017 , 121, 1119-1121	15.7	42
35	Noncanonical inhibition of caspase-3 by a nuclear microRNA confers endothelial protection by autophagy in atherosclerosis. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	39
34	Blocking CCL5-CXCL4 heteromerization preserves heart function after myocardial infarction by attenuating leukocyte recruitment and NETosis. <i>Scientific Reports</i> , 2018 , 8, 10647	4.9	37
33	Circulating monocyte subsets and cardiovascular risk factors in coronary artery disease. <i>Thrombosis and Haemostasis</i> , 2010 , 104, 412-4	7	36
32	CXCL4L1 inhibits angiogenesis and induces undirected endothelial cell migration without affecting endothelial cell proliferation and monocyte recruitment. <i>Journal of Thrombosis and Haemostasis</i> , 2011 , 9, 209-19	15.4	34
31	Vaccine-Induced Immune Thrombotic Thrombocytopenia (VITT): Targeting Pathomechanisms with Bruton Tyrosine Kinase Inhibitors. <i>Thrombosis and Haemostasis</i> , 2021 , 121, 1395-1399	7	34

30	Inflammatory role and prognostic value of platelet chemokines in acute coronary syndrome. <i>Thrombosis and Haemostasis</i> , 2014 , 112, 1277-87	7	32
29	An optimized flow cytometry protocol for analysis of angiogenic monocytes and endothelial progenitor cells in peripheral blood. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2009 , 75, 848-53	4.6	31
28	Platelet-derived MIF: a novel platelet chemokine with distinct recruitment properties. <i>Atherosclerosis</i> , 2015 , 239, 1-10	3.1	30
27	Chemokines and galectins form heterodimers to modulate inflammation. <i>EMBO Reports</i> , 2020 , 21, e478525	5.2	27
26	Identification and characterization of circulating variants of CXCL12 from human plasma: effects on chemotaxis and mobilization of hematopoietic stem and progenitor cells. <i>Stem Cells and Development</i> , 2014 , 23, 1959-74	4.4	26
25	PD-L1 expression on nonclassical monocytes reveals their origin and immunoregulatory function. <i>Science Immunology</i> , 2019 , 4,	2.8	24
24	Platelet-derived PF4 reduces neutrophil apoptosis following arterial occlusion. <i>Thrombosis and Haemostasis</i> , 2014 , 111, 562-4	7	22
23	Distinct scavenger receptor expression and function in the human CD14(+)/CD16(+) monocyte subset. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1999 , 276, H1144-9	5.2	22
22	Oral Bruton tyrosine kinase inhibitors block activation of the platelet Fc receptor CD32a (Fc β RIIA): a new option in HIT?. <i>Blood Advances</i> , 2019 , 3, 4021-4033	7.8	20
21	Platelet-derived chemokines in atherosclerosis. <i>Hamostaseologie</i> , 2015 , 35, 137-41	1.9	17
20	Bleeding by Bruton Tyrosine Kinase-Inhibitors: Dependency on Drug Type and Disease. <i>Cancers</i> , 2021 , 13,	6.6	16
19	The basic residue cluster (55)KKWVR(59) in CCL5 is required for in vivo biologic function. <i>Molecular Immunology</i> , 2009 , 46, 2533-8	4.3	14
18	Deletion of junctional adhesion molecule A from platelets increases early-stage neointima formation after wire injury in hyperlipidemic mice. <i>Journal of Cellular and Molecular Medicine</i> , 2017 , 21, 1523-1531	5.6	12
17	Probing Functional Heteromeric Chemokine Protein-Protein Interactions through Conformation-Assisted Oxime Ligation. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 14963-14966	16.4	11
16	Immune-mediated and lipid-mediated platelet function in atherosclerosis. <i>Current Opinion in Lipidology</i> , 2015 , 26, 438-48	4.4	11
15	Exchange of extracellular domains of CCR1 and CCR5 reveals confined functions in CCL5-mediated cell recruitment. <i>Thrombosis and Haemostasis</i> , 2013 , 110, 795-806	7	8
14	Human Neutrophil Peptide 1 Limits Hypercholesterolemia-induced Atherosclerosis by Increasing Hepatic LDL Clearance. <i>EBioMedicine</i> , 2017 , 16, 204-211	8.8	6
13	Hemostatic abnormalities in adult patients with Marfan syndrome. <i>Cardiovascular Diagnosis and Therapy</i> , 2019 , 9, S209-S220	2.6	6

12	Glycans and Glycan-Binding Proteins in Atherosclerosis. <i>Thrombosis and Haemostasis</i> , 2019 , 119, 1265-1273	5
11	Autophagy unleashes noncanonical microRNA functions. <i>Autophagy</i> , 2020 , 16, 2294-2296	10.2 4
10	Selective inhibition of thromboinflammation in COVID-19 by Btk inhibitors. <i>Platelets</i> , 2020 , 31, 989-992	3.6 4
9	The C5a/C5a receptor 1 axis controls tissue neovascularization through CXCL4 release from platelets. <i>Nature Communications</i> , 2021 , 12, 3352	17.4 4
8	Differential immobilization and hierarchical involvement of chemokines in monocyte arrest and transmigration on inflamed endothelium in shear flow 1999 , 29, 700	4
7	Recurrent spontaneous coronary dissections in a patient with a de novo fibrillin-1 mutation without Marfan syndrome. <i>Thrombosis and Haemostasis</i> , 2015 , 113, 668-70	7 3
6	Novel Approaches to Fine-Tune Therapeutic Targeting of Platelets in Atherosclerosis: A Critical Appraisal. <i>Thrombosis and Haemostasis</i> , 2020 , 120, 1492-1504	7 3
5	The chemokine system as therapeutic target in cardiovascular disease. <i>Drug Discovery Today Disease Mechanisms</i> , 2008 , 5, e285-e292	2
4	The marriage of chemokines and galectins as functional heterodimers. <i>Cellular and Molecular Life Sciences</i> , 2021 , 78, 8073-8095	10.3 2
3	Effects of the Btk-Inhibitors Remibrutinib (LOU064) and Rilzabrutinib (PRN1008) With Varying Btk Selectivity Over Tec on Platelet Aggregation and Bleeding Time. <i>Frontiers in Cardiovascular Medicine</i> , 2021 , 8, 749022	5.4 1
2	Inflammatory blues turns velvet skin into rawhide: monocyte rolling on modified endothelial PSGL-1. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2007 , 27, 990-2	9.4
1	Eine Wahnerin mit akuter Luftnot 2018 , 263-273	