Sacha S Zeerleder

List of Publications by Year
in descending order

81 papers	3,581 citations	279798 23 h-index	138484 58 g-index
81 all docs	81 docs citations	81 times ranked	3810 citing authors

#	Article	IF	Citations
1	Elevated nucleosome levels in systemic inflammation and sepsis*. Critical Care Medicine, 2003, 31, 1947-1951.	0.9	715
2	C1-inhibitor in patients with severe sepsis and septic shock: Beneficial effect on renal dysfunction. Critical Care Medicine, 2002, 30, 1722-1728.	0.9	634
3	Diagnosis and treatment of autoimmune hemolytic anemia in adults: Recommendations from the First International Consensus Meeting. Blood Reviews, 2020, 41, 100648.	5.7	267
4	Disseminated Intravascular Coagulation in Sepsis. Chest, 2005, 128, 2864-2875.	0.8	261
5	Extracellular histones, cell-free DNA, or nucleosomes: differences in immunostimulation. Cell Death and Disease, 2016, 7, e2518-e2518.	6.3	166
6	TAFI and PAI-1 levels in human sepsis. Thrombosis Research, 2006, 118, 205-212.	1.7	127
7	Mechanisms of haemolysis-induced kidney injury. Nature Reviews Nephrology, 2019, 15, 671-692.	9.6	97
8	Donor fecal microbiota transplantation ameliorates intestinal graft-versus-host disease in allogeneic hematopoietic cell transplant recipients. Science Translational Medicine, 2020, 12, .	12.4	97
9	Thrombo-Inflammation in Cardiovascular Disease: An Expert Consensus Document from the Third Maastricht Consensus Conference on Thrombosis. Thrombosis and Haemostasis, 2020, 120, 538-564.	3.4	64
10	Angioedema attacks in patients with hereditary angioedema: Local manifestations of a systemic activation process. Journal of Allergy and Clinical Immunology, 2016, 138, 359-366.	2.9	63
11	Circulating nucleosomes and severity of illness in children suffering from meningococcal sepsis treated with protein C. Critical Care Medicine, 2012, 40, 3224-3229.	0.9	59
12	Administration of C1 Inhibitor Reduces Neutrophil Activation in Patients with Sepsis. Vaccine Journal, 2003, 10, 529-535.	3.1	57
13	Activated cytotoxic T cells and NK cells in severe sepsis and septic shock and their role in multiple organ dysfunction. Clinical Immunology, 2005, 116, 158-165.	3.2	53
14	Effect of low-molecular weight dextran sulfate on coagulation and platelet function tests. Thrombosis Research, 2002, 105, 441-446.	1.7	49
15	Systemic inflammation induces release of cell-free DNA from hematopoietic and parenchymal cells in mice and humans. Blood Advances, 2019, 3, 724-728.	5.2	41
16	Complement inhibitors to treat IgM-mediated autoimmune hemolysis. Haematologica, 2015, 100, 1388-1395.	3.5	32
17	Ventricular myocarditis coincides with atrial myocarditis in patients. Cardiovascular Pathology, 2016, 25, 141-148.	1.6	31
18	Complement Factor H-Related Protein 3 Serum Levels Are Low Compared to Factor H and Mainly Determined by Gene Copy Number Variation in CFHR3. PLoS ONE, 2016, 11, e0152164.	2.5	30

#	Article	IF	Citations
19	Lyse or not to lyse: Clinical significance of red blood cell autoantibodies. Blood Reviews, 2015, 29, 369-376.	5.7	28
20	CRISPR/Cas9 generated human CD46, CD55 and CD59 knockout cell lines as a tool for complement research. Journal of Immunological Methods, 2018, 456, 15-22.	1.4	28
21	Patients with IgG1-anti-red blood cell autoantibodies show aberrant Fc-glycosylation. Scientific Reports, 2017, 7, 8187.	3.3	27
22	Complement deposition in autoimmune hemolytic anemia is a footprint for difficult-to-detect IgM autoantibodies. Haematologica, 2015, 100, 1407-1414.	3.5	26
23	Myeloid-related protein-14 deficiency promotes inflammation in staphylococcal pneumonia. European Respiratory Journal, 2015, 46, 464-473.	6.7	26
24	Colchicine aggravates coxsackievirus B3 infection in mice. International Journal of Cardiology, 2016, 216, 58-65.	1.7	25
25	DNA and factor VIIâ€“activating protease protect against the cytotoxicity of histones. Blood Advances, 2017, 1, 2491-2502.	5.2	25
26	Peptidoglycan induces disseminated intravascular coagulation in baboons through activation of both coagulation pathways. Blood, 2018, 132, 849-860.	1.4	25
27	Mouse venous thrombosis upon silencing of anticoagulants depends on tissue factor and platelets, not FXII or neutrophils. Blood, 2019, 133, 2090-2099.	1.4	23
28	HIV Coinfection Enhances Complement Activation During Sepsis. Journal of Infectious Diseases, 2015, 212, 474-483.	4.0	22
29	The damage-associated molecular pattern HMGB1 is released early after clinical hepatic ischemia/reperfusion. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 1192-1200.	3.8	21
30	Analysis of IL-6 serum levels and CAR T cell-specific digital PCR in the context of cytokine release syndrome. Experimental Hematology, 2020, 88, 7-14.e3.	0.4	21
31	An improved monocyte activation test using cryopreserved pooled human mononuclear cells. Innate Immunity, 2015, 21, 677-684.	2.4	19
32	It takes two to thrombosis: Hemolysis and complement. Blood Reviews, 2021, 50, 100834.	5.7	19
33	Neutrophil extracellular traps in patients with pulmonary tuberculosis. Respiratory Research, 2017, 18, 181.	3.6	18
34	Consequences of dysregulated complement regulators on red blood cells. Blood Reviews, 2018, 32, 280-288.	5.7	18
35	Effects of a hospital-wide introduction of a massive transfusion protocol on blood product ratio and blood product waste. Journal of Emergencies, Trauma and Shock, 2015, 8, 199.	0.7	18
36	Increased Nucleosomes and Neutrophil Activation Link to Disease Progression in Patients with Scrub Typhus but Not Murine Typhus in Laos. PLoS Neglected Tropical Diseases, 2015, 9, e0003990.	3.0	17

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37	Exploratory Study of Predicted Indirectly ReCognizable HLA Epitopes in Mismatched Hematopoietic Cell Transplantations. Frontiers in Immunology, 2019, 10, 880.	4.8	17
38	Neutrophils mitigate the systemic host response during endotoxemia in mice. Immunology, 2019, 156, 277-281.	4.4	17
39	Complement C3 inhibition by compstatin Cp40 prevents intra- and extravascular hemolysis of red blood cells. Haematologica, 2020, 105, e57-e60.	3.5	17
40	Activated protein C inhibits neutrophil migration in allergic asthma: a randomised trial. European Respiratory Journal, 2015, 46, 1636-1644.	6.7	16
41	Prophylactic platelet transfusion prior to central venous catheter placement in patients with thrombocytopenia: study protocol for a randomised controlled trial. Trials, 2018, 19, 127.	1.6	16
42	Transformed Lymphoma Is Associated with a Favorable Response to CAR-T-Cell Treatment in DLBCL Patients. Cancers, 2021, 13, 6073.	3.7	15
43	On the value of therapeutic interventions targeting the complement system in acute myocardial infarction. Translational Research, 2017, 182, 103-122.	5.0	13
44	Searching for a Common Thrombo-Inflammatory Basis in Patients With Deep Vein Thrombosis or Peripheral Artery Disease. Frontiers in Cardiovascular Medicine, 2019, 6, 33.	2.4	13
45	Methods for Quantitative Detection of Antibody-induced Complement Activation on Red Blood Cells. Journal of Visualized Experiments, 2014, , e51161.	0.3	12
46	Toll-Like Receptor 9 Enhances Bacterial Clearance and Limits Lung Consolidation in Murine Pneumonia Caused by Methicillin-Resistant Staphylococcus aureus. Molecular Medicine, 2016, 22, 292-299.	4.4	12
47	Long-term pneumococcal vaccine immunogenicity following allogeneic hematopoietic stem cell transplantation. Vaccine, 2019, 37, 510-515.	3.8	12
48	Endogenous C1-inhibitor production and expression in the heart after acute myocardial infarction. Cardiovascular Pathology, 2016, 25, 33-39.	1.6	11
49	ELISA to measure neutralizing capacity of anti-C1-inhibitor antibodies in plasma of angioedema patients. Journal of Immunological Methods, 2015, 426, 114-119.	1.4	10
50	Inflammatory and endothelial markers during vasoâ€occlusive crisis and acute chest syndrome in sickle cell disease. American Journal of Hematology, 2017, 92, E634-E636.	4.1	10
51	Early Post-Transplant Epigenetic Therapy By Panobinostat and Decitabine Followed By Donor Lymphocyte Infusion (DLI): Interim Results of the HOVON-116 Phase I/II Feasibility Study in Poor-Risk AML Recipients of Allogeneic Stem Cell Transplantation (alloHSCT). Blood, 2016, 128, 832-832.	1.4	10
52	Cardiac inflammation and microvascular procoagulant changes are decreased in second wave compared to first wave deceased COVID-19 patients. International Journal of Cardiology, 2022, 349, 157-165.	1.7	10
53	Presence of innate lymphoid cells in allogeneic hematopoietic grafts correlates with reduced graft-versus-host disease. Cytotherapy, 2022, 24, 302-310.	0.7	10
54	Allogeneic hematopoietic cell transplantation in the management of GATA2 deficiency and pulmonary alveolar proteinosis. Clinical Immunology, 2020, 218, 108522.	3.2	9

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55	Thromboembolic complications in autoimmune hemolytic anemia: Retrospective study. European Journal of Haematology, 2022, 108, 45-51.	2.2	9
56	FSAPâ€mediated nucleosome release from late apoptotic cells is inhibited by autoantibodies present in SLE. European Journal of Immunology, 2016, 46, 762-771.	2.9	8
57	Are there any alternatives for transfusion of AB plasma as universal donor in an emergency release setting?. Transfusion, 2016, 56, 1469-1474.	1.6	7
58	A comparison in therapeutic efficacy of several time points of intravenous StemBell administration in a rat model of acute myocardial infarction. Cytotherapy, 2017, 19, 131-140.	0.7	7
59	Acute lymphoblastic leukemia during the third trimester of pregnancy. Leukemia and Lymphoma, 2018, 59, 1274-1276.	1.3	7
60	Convalescent plasma and remdesivir for protracted COVIDâ€19 in a patient with chronic lymphocytic leukaemia: a case report of late relapse after rapid initial response. British Journal of Haematology, 2022, 196, .	2.5	7
61	Nebulized C1-Esterase Inhibitor does not Reduce Pulmonary Complement Activation in Rats with Severe Streptococcus Pneumoniae Pneumonia. Cell Biochemistry and Biophysics, 2016, 74, 545-552.	1.8	6
62	Free Iron in Sera of Patients with Sickle Cell Disease Contributes to the Release of Neutrophil Extracellular Traps. Blood, 2016, 128, 161-161.	1.4	6
63	Chimeric antigen receptor T-cell therapy for relapsed mantle cell lymphoma: real-world experience from a single tertiary care center. Bone Marrow Transplantation, 2022, 57, 1010-1012.	2.4	6
64	Lymphocytes Infiltrate the Quadriceps Muscle in Lymphocytic Myocarditis Patients: A Potential New Diagnostic Tool. Canadian Journal of Cardiology, 2014, 30, 1547-1554.	1.7	5
65	HIV infection is associated with elevated nucleosomes in asymptomatic patients and during sepsis or malaria. Journal of Infection, 2015, 71, 266-269.	3.3	5
66	Reporting transfusion-related acute lung injury by clinical and preclinical disciplines. Blood Transfusion, 2018, 16, 227-234.	0.4	5
67	Effect of C1â€inhibitor in adults with mild asthma: A randomized controlled trial. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 953-955.	5.7	4
68	Scavengers of hemoproteins as potential biomarkers for severe sepsis and septic shock. Translational Medicine Communications, 2021, 6, .	1.4	3
69	C1 Inhibitor Administration Reduces Local Inflammation and Capillary Leakage, Without Affecting Long-term Wound Healing Parameters, in a Pig Burn Wound Model. Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry, 2021, 20, 150-160.	1.1	3
70	Heme oxygenase-1: Equally important in allogeneic hematopoietic stem cell transplantation and organ transplantation?. Transplant Immunology, 2021, 68, 101419.	1.2	3
71	Neutrophil Extracellular Trap Formation In PNH Patients With and Without a History Of Thrombosis - Effects Of Eculizumab. Blood, 2013, 122, 1235-1235.	1.4	3
72	Albumin plasma exchange for life-threatening angioedema with normal C1-inhibitor. Journal of Allergy and Clinical Immunology: in Practice, 2019, 7, 1360-1361.	3.8	2

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73	The effects of tidal volume size and driving pressure levels on pulmonary complement activation: an observational study in critically ill patients. Intensive Care Medicine Experimental, 2020, 8, 74.	1.9	2
74	C1-Inhibitor Rescues Red Blood Cells From Complement Mediated Destruction in Autoimmune Hemolytic Anemia. Blood, 2011, 118, 716-716.	1.4	2
75	Aleukemic variant of mast cell leukemia. Blood, 2012, 119, 1961-1961.	1.4	1
76	Circulating nucleosomes and elastase Î±1-antitrypsin complexes and the novel thrombosis susceptibility locus SLC44A2. Thrombosis Research, 2016, 142, 8-10.	1.7	1
77	Reply to the letter to the editor â€œIs colchicine really harmful in viral myocarditis?â€• International Journal of Cardiology, 2017, 229, 43.	1.7	0
78	The interplay between the innate immune system and immune haemolytic anaemia. ISBT Science Series, 2020, 15, 91-101.	1.1	0
79	Circulating Nucleosomes and Neutrophil Activation As Risk Factors for Deep Vein Thrombosis. Blood, 2012, 120, 3387-3387.	1.4	0
80	Alpha1-Antichymotrypsin Present in Therapeutic C1-Inhibitor Products Competes with Selectin - Sialyl LewisX Interaction. Blood, 2015, 126, 1008-1008.	1.4	0
81	How to Collect the Minimum-Targeted CD3+ Cells for CAR-T Therapy- the Bern Approach. Blood, 2019, 134, 2457-2457.	1.4	0