

Hans Ulrich Scherer

List of Publications by Citations

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56
papers

2,463
citations

22
h-index

49
g-index

65
ext. papers

3,414
ext. citations

6
avg, IF

4.8
L-index

#	Paper	IF	Citations
56	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). <i>European Journal of Immunology</i> , 2019 , 49, 1457-1973	6.1	485
55	Regulation of autoantibody activity by the IL-23-T17 axis determines the onset of autoimmune disease. <i>Nature Immunology</i> , 2017 , 18, 104-113	19.1	187
54	Anti-citrullinated protein antibodies acquire a pro-inflammatory Fc glycosylation phenotype prior to the onset of rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2015 , 74, 234-41	2.4	174
53	Glycosylation of immunoglobulin G determines osteoclast differentiation and bone loss. <i>Nature Communications</i> , 2015 , 6, 6651	17.4	165
52	Defining conditions where long-term glucocorticoid treatment has an acceptably low level of harm to facilitate implementation of existing recommendations: viewpoints from an EULAR task force. <i>Annals of the Rheumatic Diseases</i> , 2016 , 75, 952-7	2.4	153
51	Glycan profiling of anti-citrullinated protein antibodies isolated from human serum and synovial fluid. <i>Arthritis and Rheumatism</i> , 2010 , 62, 1620-9		148
50	Extensive glycosylation of ACPA-IgG variable domains modulates binding to citrullinated antigens in rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2016 , 75, 578-85	2.4	119
49	Anti-cyclic citrullinated peptide antibodies are a collection of anti-citrullinated protein antibodies and contain overlapping and non-overlapping reactivities. <i>Annals of the Rheumatic Diseases</i> , 2011 , 70, 188-93	2.4	100
48	The etiology of rheumatoid arthritis. <i>Journal of Autoimmunity</i> , 2020 , 110, 102400	15.5	87
47	The NET-effect of combining rituximab with belimumab in severe systemic lupus erythematosus. <i>Journal of Autoimmunity</i> , 2018 , 91, 45-54	15.5	77
46	Structural Analysis of Variable Domain Glycosylation of Anti-Citrullinated Protein Antibodies in Rheumatoid Arthritis Reveals the Presence of Highly Sialylated Glycans. <i>Molecular and Cellular Proteomics</i> , 2017 , 16, 278-287	7.6	61
45	Identification and characterisation of citrullinated antigen-specific B cells in peripheral blood of patients with rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2016 , 75, 1170-6	2.4	54
44	Circulating plasmablasts/plasmacells as a source of anticitrullinated protein antibodies in patients with rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2013 , 72, 1259-63	2.4	54
43	The B cell response to citrullinated antigens in the development of rheumatoid arthritis. <i>Nature Reviews Rheumatology</i> , 2018 , 14, 157-169	8.1	52
42	N-Linked Glycans in the Variable Domain of IgG Anti-Citrullinated Protein Antibodies Predict the Development of Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2019 , 71, 1626-1633	9.5	49
41	Excessive neutrophil extracellular trap formation in ANCA-associated vasculitis is independent of ANCA. <i>Kidney International</i> , 2018 , 94, 139-149	9.9	47
40	Estrogen induces St6gal1 expression and increases IgG sialylation in mice and patients with rheumatoid arthritis: a potential explanation for the increased risk of rheumatoid arthritis in postmenopausal women. <i>Arthritis Research and Therapy</i> , 2018 , 20, 84	5.7	47

39	Distinct ACPA fine specificities, formed under the influence of HLA shared epitope alleles, have no effect on radiographic joint damage in rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2011 , 70, 1461-4	2.4	39
38	Intrinsically Distinct Role of Neutrophil Extracellular Trap Formation in Antineutrophil Cytoplasmic Antibody-Associated Vasculitis Compared to Systemic Lupus Erythematosus. <i>Arthritis and Rheumatology</i> , 2019 , 71, 2047-2058	9.5	32
37	B-cell receptor sequencing of anti-citrullinated protein antibody (ACPA) IgG-expressing B cells indicates a selective advantage for the introduction of -glycosylation sites during somatic hypermutation. <i>Annals of the Rheumatic Diseases</i> , 2018 , 77, 956-958	2.4	32
36	Association of the 6q23 region with the rate of joint destruction in rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2010 , 69, 567-70	2.4	26
35	Rituximab in early systemic sclerosis. <i>RMD Open</i> , 2017 , 3, e000384	5.9	23
34	Persistently activated, proliferative memory autoreactive B cells promote inflammation in rheumatoid arthritis. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	22
33	On the presence of HLA-SE alleles and ACPA-IgG variable domain glycosylation in the phase preceding the development of rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2019 , 78, 1616-1620	2.4	21
32	Synovial fluid mononuclear cells provide an environment for long-term survival of antibody-secreting cells and promote the spontaneous production of anti-citrullinated protein antibodies. <i>Annals of the Rheumatic Diseases</i> , 2016 , 75, 2201-2207	2.4	20
31	Autologous stem cell transplantation for progressive systemic sclerosis: a prospective non-interventional study from the European Society for Blood and Marrow Transplantation Autoimmune Disease Working Party. <i>Haematologica</i> , 2021 , 106, 375-383	6.6	19
30	Long-term effects of combined B-cell immunomodulation with rituximab and belimumab in severe, refractory systemic lupus erythematosus: 2-year results. <i>Nephrology Dialysis Transplantation</i> , 2021 , 36, 1474-1483	4.3	17
29	Generation and Characterization of Anti-Citrullinated Protein Antibody-Producing B Cell Clones From Rheumatoid Arthritis Patients. <i>Arthritis and Rheumatology</i> , 2019 , 71, 340-350	9.5	16
28	A Comparison of Immunoglobulin Variable Region N-Linked Glycosylation in Healthy Donors, Autoimmune Disease and Lymphoma. <i>Frontiers in Immunology</i> , 2020 , 11, 241	8.4	14
27	A reverse translational study on the effect of rituximab, rituximab plus belimumab, or bortezomib on the humoral autoimmune response in SLE. <i>Rheumatology</i> , 2020 , 59, 2734-2745	3.9	13
26	Variable domain glycosylation of ACPA-IgG: A missing link in the maturation of the ACPA response?. <i>Clinical Immunology</i> , 2018 , 186, 34-37	9	12
25	Guidelines for the use of flow cytometry and cell sorting in immunological studies (third edition).. <i>European Journal of Immunology</i> , 2021 , 51, 2708-3145	6.1	12
24	The extensive glycosylation of the ACPA variable domain observed for ACPA-IgG is absent from ACPA-IgM. <i>Annals of the Rheumatic Diseases</i> , 2018 , 77, 1087-1088	2.4	11
23	Rheumatoid factors do not preferentially bind to ACPA-IgG or IgG with altered galactosylation. <i>Rheumatology</i> , 2017 , 56, 2025-2030	3.9	11
22	-Glycosylation Site Analysis of Citrullinated Antigen-Specific B-Cell Receptors Indicates Alternative Selection Pathways During Autoreactive B-Cell Development. <i>Frontiers in Immunology</i> , 2019 , 10, 2092	8.4	10

21	Response to: Acquiring new glycosylation sites in variable regions of immunoglobulin genes by somatic hypermutation is a common feature of autoimmune diseasesTby Visser. <i>Annals of the Rheumatic Diseases</i> , 2018 , 77, e70	2.4	8
20	Fc gamma receptor binding profile of anti-citrullinated protein antibodies in immune complexes suggests a role for Fcγ1 in the pathogenesis of synovial inflammation. <i>Clinical and Experimental Rheumatology</i> , 2018 , 36, 284-293	2.2	6
19	Adaptive immunity in rheumatic diseases: bystander or pathogenic player?. <i>Best Practice and Research in Clinical Rheumatology</i> , 2011 , 25, 785-800	5.3	4
18	Fra1 Controls Rheumatoid Factor Autoantibody Production by Bone Marrow Plasma Cells and the Development of Autoimmune Bone Loss. <i>Journal of Bone and Mineral Research</i> , 2019 , 34, 1352-1365	6.3	4
17	Sequential Prodrug Strategy To Target and Eliminate ACPA-Selective Autoreactive B Cells. <i>Molecular Pharmaceutics</i> , 2018 , 15, 5565-5573	5.6	4
16	To what extent do autoantibodies help to identify high-risk patients in systemic sclerosis?. <i>Clinical and Experimental Rheumatology</i> , 2018 , 36 Suppl 113, 109-117	2.2	4
15	Surface Ig variable domain glycosylation affects autoantigen binding and acts as threshold for human autoreactive B cell activation.. <i>Science Advances</i> , 2022 , 8, eabm1759	14.3	4
14	Genetic predisposition (HLA-SE) is associated with ACPA-IgG variable domain glycosylation in the predisease phase of RA. <i>Annals of the Rheumatic Diseases</i> , 2021 ,	2.4	3
13	Prognostic properties of anti-topoisomerase antibodies in patients identified by the ACR/EULAR 2013 systemic sclerosis criteria. <i>Rheumatology</i> , 2019 , 58, 730-732	3.9	2
12	Association of Anti-Topoisomerase I Antibodies of the IgM Isotype With Disease Progression in Anti-Topoisomerase I-Positive Systemic Sclerosis. <i>Arthritis and Rheumatology</i> , 2020 , 72, 1897-1904	9.5	2
11	Templated insertions at VD and DJ junctions create unique B-cell receptors in the healthy B-cell repertoire. <i>European Journal of Immunology</i> , 2020 , 50, 2099-2101	6.1	2
10	Cross-reactivity of IgM anti-modified protein antibodies in rheumatoid arthritis despite limited mutational load. <i>Arthritis Research and Therapy</i> , 2021 , 23, 230	5.7	2
9	From risk to chronicity: evolution of autoreactive B cell and antibody responses in rheumatoid arthritis. <i>Nature Reviews Rheumatology</i> ,	8.1	2
8	Impact of pulmonary fibrosis and elevated pulmonary pressures on right ventricular function in patients with systemic sclerosis. <i>Rheumatology</i> , 2016 , 55, 504-12	3.9	1
7	Association Between Centromere- and Topoisomerase-specific Immune Responses and the Degree of Microangiopathy in Systemic Sclerosis. <i>Journal of Rheumatology</i> , 2021 , 48, 402-409	4.1	1
6	Light chain skewing in autoantibodies and B-cell receptors of the citrullinated antigen-binding B-cell response in rheumatoid arthritis. <i>PLoS ONE</i> , 2021 , 16, e0247847	3.7	0
5	Anticentromere Antibody Levels and Isotypes and the Development of Systemic Sclerosis. <i>Arthritis and Rheumatology</i> , 2021 , 73, 2338-2347	9.5	0
4	Fc-glycosylation of IgG1 is modulated by B cell Stimuli. <i>Annals of the Rheumatic Diseases</i> , 2011 , 70, A61-A61		

- 3 Distinct ACPA fine-specificities, formed under the influence of HLA shared epitope alleles, have no effect on radiographic joint damage in rheumatoid arthritis. *Annals of the Rheumatic Diseases*, **2011**, 70, A5-A5 2.4
- 2 Improving Treatment Related Mortality over Time - Data from the Non-Observational Trial on Autologous Stem Cell Transplantation in Systemic Sclerosis By the EBMT Autoimmune Diseases Working Party (ADWP). *Blood*, **2018**, 132, 3431-3431 2.2
- 1 Does Ex Vivo CD34+ Cell Selection Change the Outcome of Systemic Sclerosis Patients Treated with Autologous Hematopoietic Stem Cell Transplantation (AHSCT), an Adwp EBMT Study?. *Blood*, **2014**, 124, 2517-2517 2.2