### Ren E M Toes

# List of Publications by Year in Descending Order

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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.

23,457 147 303 77 h-index g-index citations papers 26,828 6.6 6.51 351 L-index avg, IF ext. citations ext. papers

#	Paper	IF	Citations
303	Hyaluronidase treatment of synovial fluid is required for accurate detection of inflammatory cells and soluble mediators <i>Arthritis Research and Therapy</i> , <b>2022</b> , 24, 18	5.7	O
302	Surface Ig variable domain glycosylation affects autoantigen binding and acts as threshold for human autoreactive B cell activation <i>Science Advances</i> , <b>2022</b> , 8, eabm1759	14.3	4
301	Onset of rheumatoid arthritis after COVID-19: coincidence or connected?. <i>Annals of the Rheumatic Diseases</i> , <b>2021</b> ,	2.4	22
300	Light chain skewing in autoantibodies and B-cell receptors of the citrullinated antigen-binding B-cell response in rheumatoid arthritis. <i>PLoS ONE</i> , <b>2021</b> , 16, e0247847	3.7	0
299	Anticentromere Antibody Levels and Isotypes and the Development of Systemic Sclerosis. <i>Arthritis and Rheumatology</i> , <b>2021</b> , 73, 2338-2347	9.5	O
298	Determining in which pre-arthritis stage HLA-shared epitope alleles and smoking exert their effect on the development of rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2021</b> ,	2.4	4
297	Association Between Centromere- and Topoisomerase-specific Immune Responses and the Degree of Microangiopathy in Systemic Sclerosis. <i>Journal of Rheumatology</i> , <b>2021</b> , 48, 402-409	4.1	1
296	Arthritis autoantibodies in individuals without rheumatoid arthritis: follow-up data from a Dutch population-based cohort (Lifelines). <i>Rheumatology</i> , <b>2021</b> , 60, 658-666	3.9	3
295	Bioorthogonal protein labelling enables the study of antigen processing of citrullinated and carbamylated auto-antigens. <i>RSC Chemical Biology</i> , <b>2021</b> , 2, 855-862	3	2
294	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> , <b>2021</b> ,	2.4	3
293	Cross-reactivity of IgM anti-modified protein antibodies in rheumatoid arthritis despite limited mutational load. <i>Arthritis Research and Therapy</i> , <b>2021</b> , 23, 230	5.7	2
292	Mass-spectrometric identification of carbamylated proteins present in the joints of rheumatoid arthritis patients and controls. <i>Clinical and Experimental Rheumatology</i> , <b>2021</b> , 39, 570-577	2.2	3
291	Checkpoints controlling the induction of B cell mediated autoimmunity in human autoimmune diseases. <i>European Journal of Immunology</i> , <b>2020</b> , 50, 1885-1894	6.1	4
<b>2</b> 90	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> , <b>2020</b> , 72, 1897-1904	9.5	2
289	A Comparison of Immunoglobulin Variable Region N-Linked Glycosylation in Healthy Donors, Autoimmune Disease and Lymphoma. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 241	8.4	14
288	Antibodies and B cells recognising citrullinated proteins display a broad cross-reactivity towards other post-translational modifications. <i>Annals of the Rheumatic Diseases</i> , <b>2020</b> , 79, 472-480	2.4	33
287	Neutrophil Extracellular Traps (NETs) Take the Central Stage in Driving Autoimmune Responses. <i>Cells</i> , <b>2020</b> , 9,	7.9	53

### (2019-2020)

286	Toll-like receptor signaling induces a temporal switch towards a resolving lipid profile in monocyte-derived macrophages. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2020</b> , 1865, 158740	5	2
285	Complement component C1q is produced by isolated articular chondrocytes. <i>Osteoarthritis and Cartilage</i> , <b>2020</b> , 28, 675-684	6.2	9
284	Anti-Inflammatory and Proresolving Effects of the Omega-6 Polyunsaturated Fatty Acid Adrenic Acid. <i>Journal of Immunology</i> , <b>2020</b> , 205, 2840-2849	5.3	8
283	Persistently activated, proliferative memory autoreactive B cells promote inflammation in rheumatoid arthritis. <i>Science Translational Medicine</i> , <b>2020</b> , 12,	17.5	22
282	Templated insertions at VD and DJ junctions create unique B-cell receptors in the healthy B-cell repertoire. <i>European Journal of Immunology</i> , <b>2020</b> , 50, 2099-2101	6.1	2
281	Response to: "How to communicate in science" by Klareskog. <i>Annals of the Rheumatic Diseases</i> , <b>2020</b> , 79, e165	2.4	1
280	Response to: @omment on editorial @athogenic effector functions of ACPA: where do we stand@by Holmdahl. <i>Annals of the Rheumatic Diseases</i> , <b>2020</b> , 79, e127	2.4	1
279	Do autoantibody-responses mature between presentation with arthralgia suspicious for progression to rheumatoid arthritis and development of clinically apparent inflammatory arthritis? A longitudinal serological study. <i>Annals of the Rheumatic Diseases</i> , <b>2020</b> ,	2.4	4
278	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> , <b>2019</b> , 78, 1616-1	6 <del>20</del>	21
277	Ligandomes obtained from different HLA-class II-molecules are homologous for N- and C-terminal residues outside the peptide-binding cleft. <i>Immunogenetics</i> , <b>2019</b> , 71, 519-530	3.2	2
276	-Glycosylation Site Analysis of Citrullinated Antigen-Specific B-Cell Receptors Indicates Alternative Selection Pathways During Autoreactive B-Cell Development. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 2092	8.4	10
275	In rheumatoid arthritis, changes in autoantibody levels reflect intensity of immunosuppression, not subsequent treatment response. <i>Arthritis Research and Therapy</i> , <b>2019</b> , 21, 28	5.7	18
274	Different classes of anti-modified protein antibodies are induced on exposure to antigens expressing only one type of modification. <i>Annals of the Rheumatic Diseases</i> , <b>2019</b> , 78, 908-916	2.4	27
273	N-Linked Glycans in the Variable Domain of IgG Anti-Citrullinated Protein Antibodies Predict the Development of Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , <b>2019</b> , 71, 1626-1633	9.5	49
272	Structural Basis of Cross-Reactivity of Anti-Citrullinated Protein Antibodies. <i>Arthritis and Rheumatology</i> , <b>2019</b> , 71, 210-221	9.5	33
271	Secretory form of rheumatoid arthritis-associated autoantibodies in serum are mainly of the IgM isotype, suggesting a continuous reactivation of autoantibody responses at mucosal surfaces. <i>Annals of the Rheumatic Diseases</i> , <b>2019</b> , 78, 146-148	2.4	16
270	Does immunological remission, defined as disappearance of autoantibodies, occur with current treatment strategies? A long-term follow-up study in rheumatoid arthritis patients who achieved sustained DMARD-free status. <i>Annals of the Rheumatic Diseases</i> , <b>2019</b> , 78, 1497-1504	2.4	9
269	SAT0029 THE IMMUNE-PATHOGENIC CHARACTERISTICS OF AUTOREACTIVE B CELLS AGAINST CITRULLINATED ANTIGENS IN RHEUMATOID ARTHRITIS <b>2019</b> ,		3

268	Circulating calprotectin (S100A8/A9) is higher in rheumatoid arthritis patients that relapse within 12 months of tapering anti-rheumatic drugs. <i>Arthritis Research and Therapy</i> , <b>2019</b> , 21, 268	5.7	8
267	Autoantibody Development under Treatment with Immune-Checkpoint Inhibitors. <i>Cancer Immunology Research</i> , <b>2019</b> , 7, 6-11	12.5	61
266	Altered composition and phenotype of mucosal-associated invariant T cells in early untreated rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , <b>2019</b> , 21, 3	5.7	18
265	Generation and Characterization of Anti-Citrullinated Protein Antibody-Producing B Cell Clones From Rheumatoid Arthritis Patients. <i>Arthritis and Rheumatology</i> , <b>2019</b> , 71, 340-350	9.5	16
264	Low amounts of bisecting glycans characterize cerebrospinal fluid-borne IgG. <i>Journal of Neuroimmunology</i> , <b>2018</b> , 320, 19-24	3.5	4
263	Conversion to seronegative status after abatacept treatment in patients with early and poor prognostic rheumatoid arthritis is associated with better radiographic outcomes and sustained remission: post hoc analysis of the AGREE study. <i>RMD Open</i> , <b>2018</b> , 4, e000564	5.9	23
262	The NET-effect of combining rituximab with belimumab in severe systemic lupus erythematosus. Journal of Autoimmunity, <b>2018</b> , 91, 45-54	15.5	77
261	Adaptive antibody diversification through -linked glycosylation of the immunoglobulin variable region. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 1901	-1966	56
260	The B cell response to citrullinated antigens in the development of rheumatoid arthritis. <i>Nature Reviews Rheumatology</i> , <b>2018</b> , 14, 157-169	8.1	52
259	Antisense Long Non-Coding RNAs Are Deregulated in Skin Tissue of Patients with Systemic Sclerosis. <i>Journal of Investigative Dermatology</i> , <b>2018</b> , 138, 826-835	4.3	25
258	Functional and phenotypical analysis of IL-6-secreting CD4 Tcells in human adipose tissue. <i>European Journal of Immunology</i> , <b>2018</b> , 48, 471-481	6.1	4
257	Pitfalls in the detection of citrullination and carbamylation. <i>Autoimmunity Reviews</i> , <b>2018</b> , 17, 136-141	13.6	23
256	Baseline autoantibody profile in rheumatoid arthritislis associated with early treatment response but not long-term outcomes. <i>Arthritis Research and Therapy</i> , <b>2018</b> , 20, 33	5.7	24
255	Excessive neutrophil extracellular trap formation in ANCA-associated vasculitis is independent of ANCA. <i>Kidney International</i> , <b>2018</b> , 94, 139-149	9.9	47
254	Comment on "-induced hypercitrullination links periodontal infection to autoimmunity in rheumatoid arthritis". <i>Science Translational Medicine</i> , <b>2018</b> , 10,	17.5	17
253	The extensive glycosylation of the ACPA variable domain observed for ACPA-IgG is absent from ACPA-IgM. <i>Annals of the Rheumatic Diseases</i> , <b>2018</b> , 77, 1087-1088	2.4	11
252	Variable domain glycosylation of ACPA-IgG: A missing link in the maturation of the ACPA response?. <i>Clinical Immunology</i> , <b>2018</b> , 186, 34-37	9	12
251	In RA, becoming seronegative over the first year of treatment does not translate to better chances of drug-free remission. <i>Annals of the Rheumatic Diseases</i> , <b>2018</b> , 77, 1836-1838	2.4	8

# (2017-2018)

250	Mast cells in early rheumatoid arthritis associate with disease severity and support B cell autoantibody production. <i>Annals of the Rheumatic Diseases</i> , <b>2018</b> , 77, 1773-1781	2.4	38	
249	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> , <b>2018</b> , 77, 956-958	2.4	32	
248	Antibodies against collagen type II are not a general marker of acute arthritis onset. <i>Annals of the Rheumatic Diseases</i> , <b>2018</b> , 77, 954-956	2.4	3	
247	Response to: Acquiring new glycosylation sites in variable regions of immunoglobulin genes by somatic hypermutation is a common feature of autoimmune diseases by Visser. <i>Annals of the Rheumatic Diseases</i> , <b>2018</b> , 77, e70	2.4	8	
246	Inflammatory features of infrapatellar fat pad in rheumatoid arthritis versus osteoarthritis reveal mostly qualitative differences. <i>Annals of the Rheumatic Diseases</i> , <b>2018</b> , 77, 1088-1090	2.4	11	
245	Sequential Prodrug Strategy To Target and Eliminate ACPA-Selective Autoreactive B Cells. <i>Molecular Pharmaceutics</i> , <b>2018</b> , 15, 5565-5573	5.6	4	
244	Effects of anticoagulants and storage conditions on clinical oxylipid levels in human plasma. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2018</b> , 1863, 1511-1522	5	27	
243	Triple Positivity for Anti-Citrullinated Protein Autoantibodies, Rheumatoid Factor, and Anti-Carbamylated Protein Antibodies Conferring High Specificity for Rheumatoid Arthritis: Implications for Very Early Identification of At-Risk Individuals. <i>Arthritis and Rheumatology</i> , <b>2018</b> ,	9.5	55	
242	The anti-carbamylated protein antibody response is of overall low avidity despite extensive isotype switching. <i>Rheumatology</i> , <b>2018</b> , 57, 1583-1591	3.9	9	
241	Fc gamma receptor binding profile of anti-citrullinated protein antibodies in immune complexes suggests a role for FcRI in the pathogenesis of synovial inflammation. <i>Clinical and Experimental Rheumatology</i> , <b>2018</b> , 36, 284-293	2.2	6	
240	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> , <b>2017</b> , 16, 278-287	7.6	61	
239	Beyond citrullination: other post-translational protein modifications in rheumatoid arthritis. <i>Nature Reviews Rheumatology</i> , <b>2017</b> , 13, 331-339	8.1	74	
238	Targeted lipidomics reveals activation of resolution pathways in knee osteoarthritis in humans. <i>Osteoarthritis and Cartilage</i> , <b>2017</b> , 25, 1150-1160	6.2	34	
237	Long-term mortality in patients with ST-segment elevation myocardial infarction is associated with anti-citrullinated protein antibodies. <i>International Journal of Cardiology</i> , <b>2017</b> , 240, 20-24	3.2	8	
236	Breach of autoreactive B cell tolerance by post-translationally modified proteins. <i>Annals of the Rheumatic Diseases</i> , <b>2017</b> , 76, 1449-1457	2.4	20	
235	The prevalence of ACPA is lower in rheumatoid arthritis patients with an older age of onset but the composition of the ACPA response appears identical. <i>Arthritis Research and Therapy</i> , <b>2017</b> , 19, 115	5.7	11	
234	The contribution of autoantibodies to post-translationally modified proteins to inflammatory arthritis. <i>Current Opinion in Rheumatology</i> , <b>2017</b> , 29, 195-200	5.3		
233	Identification of carbamylated alpha 1 anti-trypsin (A1AT) as an antigenic target of anti-CarP antibodies in patients with rheumatoid arthritis. <i>Journal of Autoimmunity</i> , <b>2017</b> , 80, 77-84	15.5	28	

232	The risk of individual autoantibodies, autoantibody combinations and levels for arthritis development in clinically suspect arthralgia. <i>Rheumatology</i> , <b>2017</b> , 56, 2145-2153	3.9	33
231	The isotype and IgG subclass distribution of anti-carbamylated protein antibodies in rheumatoid arthritis patients. <i>Arthritis Research and Therapy</i> , <b>2017</b> , 19, 190	5.7	17
230	Anti-carbamylated protein antibodies precede disease onset in monkeys with collagen-induced arthritis. <i>Arthritis Research and Therapy</i> , <b>2017</b> , 19, 246	5.7	11
229	Lack of high BMI-related features in adipocytes and inflammatory cells in the infrapatellar fat pad (IFP). <i>Arthritis Research and Therapy</i> , <b>2017</b> , 19, 186	5.7	16
228	HLA class II and rheumatoid arthritis: the bumpy road of revelation. <i>Immunogenetics</i> , <b>2017</b> , 69, 597-603	3.2	18
227	Molecular basis for increased susceptibility of Indigenous North Americans to seropositive rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2017</b> , 76, 1915-1923	2.4	26
226	Rheumatoid factors do not preferentially bind to ACPA-IgG or IgG with altered galactosylation. <i>Rheumatology</i> , <b>2017</b> , 56, 2025-2030	3.9	11
225	Regulation of autoantibody activity by the IL-23-T17 axis determines the onset of autoimmune disease. <i>Nature Immunology</i> , <b>2017</b> , 18, 104-113	19.1	187
224	Identification and characterisation of citrullinated antigen-specific B cells in peripheral blood of patients with rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2016</b> , 75, 1170-6	2.4	54
223	Mast cells in rheumatic disease. European Journal of Pharmacology, 2016, 778, 116-24	5.3	19
222	Association analysis of copy numbers of FC-gamma receptor genes for rheumatoid arthritis and other immune-mediated phenotypes. <i>European Journal of Human Genetics</i> , <b>2016</b> , 24, 263-70	5.3	14
221	Rheumatoid arthritis: Autoantibody testing to predict response to therapy in RA. <i>Nature Reviews Rheumatology</i> , <b>2016</b> , 12, 566-8	8.1	4
220	Expansion of Th17 Cells by Human Mast Cells Is Driven by Inflammasome-Independent IL-1 <i>Journal of Immunology</i> , <b>2016</b> , 197, 4473-4481	5.3	15
219	A5.09 Mri-detected osteitis is not associated with the presence or level of ACPA alone, but with the combined presence of ACPA and RF. <i>Annals of the Rheumatic Diseases</i> , <b>2016</b> , 75, A44.3-A45	2.4	
218	A2.15 Ra phenotype at presentation differs among patients with few versus many autoantibodies. <i>Annals of the Rheumatic Diseases</i> , <b>2016</b> , 75, A21.1-A21	2.4	
217	AB0066 MRI-Detected Osteitis Is Not Associated with The Presence or Level of ACPA Alone, but with The Combined Presence of ACPA and RF. <i>Annals of the Rheumatic Diseases</i> , <b>2016</b> , 75, 919.2-920	2.4	
216	A8.09 Trained immunity in monocytes from rheumatoid arthritis patients and healthy individuals. <i>Annals of the Rheumatic Diseases</i> , <b>2016</b> , 75, A68.1-A68	2.4	
215	Reply. Arthritis and Rheumatology, <b>2016</b> , 68, 769-70	9.5	3

# (2015-2016)

214	Extensive glycosylation of ACPA-IgG variable domains modulates binding to citrullinated antigens in rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2016</b> , 75, 578-85	2.4	119
213	Characterization of synovial mast cells in knee osteoarthritis: association with clinical parameters. Osteoarthritis and Cartilage, <b>2016</b> , 24, 664-71	6.2	52
212	Viral Persistence Induces Antibody Inflation without Altering Antibody Avidity. <i>Journal of Virology</i> , <b>2016</b> , 90, 4402-4411	6.6	27
211	Protective effect of HLA-DRB1*13 alleles during specific phases in the development of ACPA-positive RA. <i>Annals of the Rheumatic Diseases</i> , <b>2016</b> , 75, 1891-8	2.4	9
210	The role of anticitrullinated protein antibodies in the early stages of rheumatoid arthritis. <i>Current Opinion in Rheumatology</i> , <b>2016</b> , 28, 275-81	5.3	14
209	Human mast cells costimulate T cells through a CD28-independent interaction. <i>European Journal of Immunology</i> , <b>2016</b> , 46, 1132-41	6.1	7
208	Smoking is associated with the concurrent presence of multiple autoantibodies in rheumatoid arthritis rather than with anti-citrullinated protein antibodies per se: a multicenter cohort study. <i>Arthritis Research and Therapy</i> , <b>2016</b> , 18, 285	5.7	33
207	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> , <b>2016</b> , 75, 2201-2207	2.4	20
206	A2.10 The isotype and subclass distribution of anti-carbamylated protein antibodies in rheumatoid arthritis patients. <i>Annals of the Rheumatic Diseases</i> , <b>2016</b> , 75, A19.1-A19	2.4	
205	MRI-detected osteitis is not associated with the presence or level of ACPA alone, but with the combined presence of ACPA and RF. <i>Arthritis Research and Therapy</i> , <b>2016</b> , 18, 179	5.7	13
204	The increased ability to present citrullinated peptides is not unique to HLA-SE molecules: arginine-to-citrulline conversion also enhances peptide affinity for HLA-DQ molecules. <i>Arthritis Research and Therapy</i> , <b>2016</b> , 18, 254	5.7	17
203	Inflammatory Cells in Patients with Endstage Knee Osteoarthritis: A Comparison between the Synovium and the Infrapatellar Fat Pad. <i>Journal of Rheumatology</i> , <b>2016</b> , 43, 771-8	4.1	73
202	A novel method for high-throughput detection and quantification of neutrophil extracellular traps reveals ROS-independent NET release with immune complexes. <i>Autoimmunity Reviews</i> , <b>2016</b> , 15, 577-84	4 <sup>13.6</sup>	55
201	Repeated FcRI triggering reveals modified mast cell function related to chronic allergic responses in tissue. <i>Journal of Allergy and Clinical Immunology</i> , <b>2016</b> , 138, 869-880	11.5	12
200	The production and secretion of complement component C1q by human mast cells. <i>Molecular Immunology</i> , <b>2016</b> , 78, 164-170	4.3	20
199	Mast cell depletion in the preclinical phase of collagen-induced arthritis reduces clinical outcome by lowering the inflammatory cytokine profile. <i>Arthritis Research and Therapy</i> , <b>2016</b> , 18, 138	5.7	20
198	Reply. Arthritis and Rheumatology, <b>2016</b> , 68, 2826-2827	9.5	1
197	Anti-carbamylated protein antibodies are present prior to rheumatoid arthritis and are associated with its future diagnosis. <i>Journal of Rheumatology</i> , <b>2015</b> , 42, 572-9	4.1	92

196	An Advanced LCMS/MS Platform for the Analysis of Specialized Pro-Resolving Lipid Mediators. <i>Chromatographia</i> , <b>2015</b> , 78, 391-401	2.1	14
195	Comment on "Functional Analysis of a Complement Polymorphism (rs17611) Associated with Rheumatoid Arthritis". <i>Journal of Immunology</i> , <b>2015</b> , 195, 3-4	5.3	2
194	Genetic Factors for the Severity of ACPA-negative Rheumatoid Arthritis in 2 Cohorts of Early Disease: A Genome-wide Study. <i>Journal of Rheumatology</i> , <b>2015</b> , 42, 1383-91	4.1	18
193	Anti-carbamylated protein antibodies in rheumatoid arthritis patients of Asian descent. <i>Rheumatology</i> , <b>2015</b> , 54, 1930-2	3.9	21
192	Genetic risk scores and number of autoantibodies in patients with rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2015</b> , 74, 762-8	2.4	11
191	Anti-carbamylated protein antibodies in the pre-symptomatic phase of rheumatoid arthritis, their relationship with multiple anti-citrulline peptide antibodies and association with radiological damage. <i>Arthritis Research and Therapy</i> , <b>2015</b> , 17, 25	5.7	90
190	Coeliac disease and rheumatoid arthritis: similar mechanisms, different antigens. <i>Nature Reviews Rheumatology</i> , <b>2015</b> , 11, 450-61	8.1	38
189	IL-17-producing CD4+ T cells are increased in early, active axial spondyloarthritis including patients without imaging abnormalities. <i>Rheumatology</i> , <b>2015</b> , 54, 728-35	3.9	38
188	Crossreactivity to vinculin and microbes provides a molecular basis for HLA-based protection against rheumatoid arthritis. <i>Nature Communications</i> , <b>2015</b> , 6, 6681	17.4	56
187	Update on autoantibodies to modified proteins. <i>Current Opinion in Rheumatology</i> , <b>2015</b> , 27, 262-7	5.3	12
186	A7.4 The specificity of anti-carbamylated protein antibodies for rheumatoid arthritis in a setting of early arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2015</b> , 74, A76.1-A76	2.4	
185	Fine-mapping the human leukocyte antigen locus in rheumatoid arthritis and other rheumatic diseases: identifying causal amino acid variants?. <i>Current Opinion in Rheumatology</i> , <b>2015</b> , 27, 256-61	5.3	11
184	Glycosylation of immunoglobulin G determines osteoclast differentiation and bone loss. <i>Nature Communications</i> , <b>2015</b> , 6, 6651	17.4	165
183	Association of anti-carbamylated protein antibodies with long-term disability and increased disease activity in patients with early inflammatory arthritis: results from the Norfolk Arthritis Register. <i>Lancet, The,</i> <b>2015</b> , 385 Suppl 1, S44	40	7
182	THU0040 In Rheumatoid Arthritis, Smoking is not Associated with Anti-Citrullinated Protein Antibodies (ACPA) Per SE, but with the Concurrent Presence of Rheumatoid Factor, Acpa and Anti-Carbamylated Protein Antibodies. <i>Annals of the Rheumatic Diseases</i> , <b>2015</b> , 74, 206.4-207	2.4	
181	Abatacept decreases disease activity in a absence of CD4(+) T cells in a collagen-induced arthritis model. <i>Arthritis Research and Therapy</i> , <b>2015</b> , 17, 220	5.7	10
180	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> , <b>2015</b> , 74, 234-41	2.4	174
179	THU0114 Effect of Anti-Cyclic Citrullinated Peptide 2 Immunoglobulin M Serostatus on Efficacy Outcomes Following Treatment with Abatacept Plus Methotrexate in the Avert Trial. <i>Annals of the Rheumatic Diseases</i> , <b>2015</b> , 74, 234.3-235	2.4	2

# (2014-2015)

178	The specificity of anti-carbamylated protein antibodies for rheumatoid arthritis in a setting of early arthritis. <i>Arthritis Research and Therapy</i> , <b>2015</b> , 17, 339	5.7	55
177	Anti-citrullinated protein antibodies contribute to platelet activation in rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , <b>2015</b> , 17, 209	5.7	50
176	An investigation of the added value of an ACPA multiplex assay in an early rheumatoid arthritis setting. <i>Arthritis Research and Therapy</i> , <b>2015</b> , 17, 276	5.7	16
175	A1.11 T cells in the infrapatellar fat pad of osteoarthritis patients as a source of IL-6 in the joint. <i>Annals of the Rheumatic Diseases</i> , <b>2015</b> , 74, A5.1-A5	2.4	1
174	A1.25 Visualisation and characterisation of citrullinated antigen-specific B cells from peripheral blood of patients with rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2015</b> , 74, A11.1-A11	2.4	2
173	Ability of Interleukin-33- and Immune Complex-Triggered Activation of Human Mast Cells to Down-Regulate Monocyte-Mediated Immune Responses. <i>Arthritis and Rheumatology</i> , <b>2015</b> , 67, 2343-53	9.5	39
172	Lipid mediators of inflammation in rheumatoid arthritis and osteoarthritis. <i>Best Practice and Research in Clinical Rheumatology</i> , <b>2015</b> , 29, 741-55	5.3	47
171	Identification of a novel non-coding mutation in C1qB in a Dutch child with C1q deficiency associated with recurrent infections. <i>Immunobiology</i> , <b>2015</b> , 220, 422-7	3.4	12
170	Inducing tissue specific tolerance in autoimmune disease with tolerogenic dendritic cells. <i>Clinical and Experimental Rheumatology</i> , <b>2015</b> , 33, S97-103	2.2	21
169	Increased systemic and adipose tissue inflammation differentiates obese women with T2DM from obese women with normal glucose tolerance. <i>Metabolism: Clinical and Experimental</i> , <b>2014</b> , 63, 492-501	12.7	60
168	TLR-mediated STAT3 and ERK activation controls IL-10 secretion by human B cells. <i>European Journal of Immunology</i> , <b>2014</b> , 44, 2121-9	6.1	89
167	The pathogenic potential of autoreactive antibodies in rheumatoid arthritis. <i>Seminars in Immunopathology</i> , <b>2014</b> , 36, 313-25	12	22
166	Genetics of rheumatoid arthritis contributes to biology and drug discovery. <i>Nature</i> , <b>2014</b> , 506, 376-81	50.4	1426
165	Low-avidity anticitrullinated protein antibodies (ACPA) are associated with a higher rate of joint destruction in rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2014</b> , 73, 270-6	2.4	33
164	HLA-B60 and the HLA-B27/HLA-B60 genotype are not risk factors for acute anterior uveitis. <i>Annals of the Rheumatic Diseases</i> , <b>2014</b> , 73, 633-4	2.4	
163	IgE and IL-33-mediated triggering of human basophils inhibits TLR4-induced monocyte activation. <i>European Journal of Immunology</i> , <b>2014</b> , 44, 3045-55	6.1	24
162	Activation of human basophils by combined toll-like receptor- and FcRI-triggering can promote Th2 skewing of naive T helper cells. <i>European Journal of Immunology</i> , <b>2014</b> , 44, 386-96	6.1	51
161	Identification of a genetic variant for joint damage progression in autoantibody-positive rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2014</b> , 73, 2038-46	2.4	34

160	Anti-carbamylated protein (anti-CarP) antibodies precede the onset of rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2014</b> , 73, 780-3	2.4	150
159	Barriers to chimerism after major histocompatibility complex-mismatched stem cell transplantation: a potential role for heterologous immunity. <i>Experimental Hematology</i> , <b>2014</b> , 42, 753-60	) <sup>3.1</sup>	2
158	Anti-CarP antibodies in two large cohorts of patients with rheumatoid arthritis and their relationship to genetic risk factors, cigarette smoking and other autoantibodies. <i>Annals of the Rheumatic Diseases</i> , <b>2014</b> , 73, 1761-8	2.4	92
157	HLA and rheumatoid arthritis: how do they connect?. <i>Annals of Medicine</i> , <b>2014</b> , 46, 304-10	1.5	24
156	A1.28 Anti-carp antibodies in two large cohorts of patients with rheumatoid arthritis and their relationship to genetic risk factors and smoking. <i>Annals of the Rheumatic Diseases</i> , <b>2014</b> , 73, A11.3-A12	2.4	
155	A1.29 In rheumatoid arthritis, smoking is not primarily associated with anti-citrullinaged protein antibodies, but with the presence of several autoantibodies. <i>Annals of the Rheumatic Diseases</i> , <b>2014</b> , 73, A12.1-A12	2.4	
154	A1.49 Anti-carbamylated protein antibodies (ANTI-CARP) precede the onset of rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2014</b> , 73, A21.1-A21	2.4	
153	Fatty acids, lipid mediators, and T-cell function. Frontiers in Immunology, 2014, 5, 483	8.4	77
152	Are baseline high molecular weight adiponectin levels associated with radiographic progression in rheumatoid arthritis and osteoarthritis?. <i>Journal of Rheumatology</i> , <b>2014</b> , 41, 853-7	4.1	11
151	How undifferentiated arthritis evolves into chronic arthritis. <i>Best Practice and Research in Clinical Rheumatology</i> , <b>2014</b> , 28, 551-64	5.3	2
150	Carbamylation and antibodies against carbamylated proteins in autoimmunity and other pathologies. <i>Autoimmunity Reviews</i> , <b>2014</b> , 13, 225-30	13.6	83
149	Circulating immunoglobulins are not associated with intraplaque mast cell number and other vulnerable plaque characteristics in patients with carotid artery stenosis. <i>PLoS ONE</i> , <b>2014</b> , 9, e88984	3.7	11
148	Antibodies specific for carbamylated proteins precede the onset of clinical symptoms in mice with collagen induced arthritis. <i>PLoS ONE</i> , <b>2014</b> , 9, e102163	3.7	29
147	Circulating plasmablasts/plasmacells as a source of anticitrullinated protein antibodies in patients with rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2013</b> , 72, 1259-63	2.4	54
146	Identification of novel markers in rheumatoid arthritis through integrated analysis of DNA methylation and microRNA expression. <i>Journal of Autoimmunity</i> , <b>2013</b> , 41, 6-16	15.5	129
145	Dysferlin regulates cell adhesion in human monocytes. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 14147	'- <u>4.4</u> 15`	736
144	DX5+ CD4+ T cells modulate CD4+ T-cell response via inhibition of IL-12 production by DCs. <i>European Journal of Immunology</i> , <b>2013</b> , 43, 439-46	6.1	3
143	Epistasis between two HLA antigens defines a subset of individuals at a very high risk for ankylosing spondylitis. <i>Annals of the Rheumatic Diseases</i> , <b>2013</b> , 72, 974-8	2.4	31

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141	Autoimmunity in rheumatoid arthritis: different antigenscommon principles. <i>Annals of the Rheumatic Diseases</i> , <b>2013</b> , 72 Suppl 2, ii132-6	2.4	42
140	ACPA fine-specificity profiles in early rheumatoid arthritis patients do not correlate with clinical features at baseline or with disease progression. <i>Arthritis Research and Therapy</i> , <b>2013</b> , 15, R140	5.7	44
139	Genetic studies on components of the Wnt signalling pathway and the severity of joint destruction in rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2013</b> , 72, 769-75	2.4	53
138	The concentration of anticitrullinated protein antibodies in serum and synovial fluid in relation to total immunoglobulin concentrations. <i>Annals of the Rheumatic Diseases</i> , <b>2013</b> , 72, 1059-63	2.4	17
137	A7.1 A Genetic Variant in the Region of MMP-9 is Associated with Serum Levels and Progression of Joint Damage in Rheumatoid Arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2013</b> , 72, A48.1-A48	2.4	1
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135	Anti-carbamylated protein antibodies are present in arthralgia patients and predict the development of rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , <b>2013</b> , 65, 911-5		142
134	Genome-wide association study and gene expression analysis identifies CD84 as a predictor of response to etanercept therapy in rheumatoid arthritis. <i>PLoS Genetics</i> , <b>2013</b> , 9, e1003394	6	127
133	Communication between human mast cells and CD4(+) T cells through antigen-dependent interactions. <i>European Journal of Immunology</i> , <b>2013</b> , 43, 1758-68	6.1	41
132	Platelets and autoimmunity. European Journal of Clinical Investigation, 2013, 43, 746-57	4.6	62
131	Adipocyte-derived lipids modulate CD4+ T-cell function. <i>European Journal of Immunology</i> , <b>2013</b> , 43, 157	8687	38
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129	IL-21 enhances the activity of the TLR-MyD88-STAT3 pathway but not the classical TLR-MyD88-NF- <b>B</b> pathway in human B cells to boost antibody production. <i>Journal of Immunology</i> , <b>2013</b> , 191, 4086-94	5.3	22
128	A4.3 Adipocytes Modulate the Phenotype of Macrophages through Secreted Lipids. <i>Annals of the Rheumatic Diseases</i> , <b>2013</b> , 72, A24.2-A24	2.4	
127	A4.5 Do High Molecular Weight Adiponectin Levels Associate with Radiographic Progression in early Rheumatoid Arthritis and Hand Osteoarthritis?. <i>Annals of the Rheumatic Diseases</i> , <b>2013</b> , 72, A25.1-	22 <del>5</del>	
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125	The influence of ACPA status and characteristics on the course of RA. <i>Nature Reviews Rheumatology</i> , <b>2012</b> , 8, 144-52	8.1	144

124	The problems and promises of research into human immunology and autoimmune disease. <i>Nature Medicine</i> , <b>2012</b> , 18, 48-53	50.5	44
123	Lipid and lipid mediator profiling of human synovial fluid in rheumatoid arthritis patients by means of LC-MS/MS. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , <b>2012</b> , 1821, 1415-24	5	149
122	Synovial inflammation, immune cells and their cytokines in osteoarthritis: a review. <i>Osteoarthritis and Cartilage</i> , <b>2012</b> , 20, 1484-99	6.2	385
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117	Induction of osteoclastogenesis and bone loss by human autoantibodies against citrullinated vimentin. <i>Journal of Clinical Investigation</i> , <b>2012</b> , 122, 1791-802	15.9	472
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107	Variants of gene for microsomal prostaglandin E2 synthase show association with disease and severe inflammation in rheumatoid arthritis. <i>European Journal of Human Genetics</i> , <b>2011</b> , 19, 908-14	5.3	13

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# (2005-2006)

34	Adenovirus-specific CD4+ T cell clones recognizing endogenous antigen inhibit viral replication in vitro through cognate interaction. <i>Journal of Immunology</i> , <b>2006</b> , 177, 8851-9	5.3	34
33	Murine Fc receptors for IgG are redundant in facilitating presentation of immune complex derived antigen to CD8+ T cells in vivo. <i>Molecular Immunology</i> , <b>2006</b> , 43, 2045-50	4.3	30
32	HLA and RA revisited: citrullinated food for the SE hypothesis, the DR6 effect, and NIMA. <i>Human Immunology</i> , <b>2006</b> , 67, 454-9	2.3	11
31	Dendritic cells, but not macrophages or B cells, activate major histocompatibility complex class II-restricted CD4+ T cells upon immune-complex uptake in vivo. <i>Immunology</i> , <b>2006</b> , 119, 499-506	7.8	43
30	Redefining the HLA and RA association: to be or not to be anti-CCP positive. <i>Journal of Autoimmunity</i> , <b>2005</b> , 25 Suppl, 21-5	15.5	60
29	Expression of FOXP3 mRNA is not confined to CD4+CD25+ T regulatory cells in humans. <i>Human Immunology</i> , <b>2005</b> , 66, 13-20	2.3	324
28	Antibodies to citrullinated proteins and differences in clinical progression of rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , <b>2005</b> , 7, R949-58	5.7	325
27	Role of IL-10 as a susceptibility factor for rheumatoid arthritis and cardiovascular disease. <i>Arthritis Research</i> , <b>2005</b> , 7, P109		78
26	The invasiveness of fibroblast-like synoviocytes is of relevance for the rate of joint destruction in patients with rheumatoid arthritis and is a patient characteristic. <i>Arthritis Research</i> , <b>2005</b> , 7, P42		78
25	Immunomodulatory effect of unpulsed-immature dendritic cells in collagen-induced arthritis. <i>Arthritis Research</i> , <b>2005</b> , 7, P123		78
24	PTPN22 as a rheumatoid arthritis susceptibility but not severity gene. <i>Arthritis Research</i> , <b>2005</b> , 7, P98		78
23	Fc <b>R</b> -mediated uptake and processing of antigen[mmunoglobulin complexes by professional antigen-presenting cells. <i>Arthritis Research</i> , <b>2005</b> , 7, P141		78
22	Functional regulatory immune responses against human cartilage glycoprotein-39 in health versus proinflammatory responses in rheumatoid arthritis. <i>Arthritis Research</i> , <b>2005</b> , 7, P37		78
21	Control of systemic B cell-mediated autoimmune disease by nonmyeloablative conditioning and major histocompatibility complex-mismatched allogeneic bone marrow transplantation. <i>Blood</i> , <b>2005</b> , 105, 2991-4	2.2	9
20	Invasiveness of fibroblast-like synoviocytes is an individual patient characteristic associated with the rate of joint destruction in patients with rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , <b>2005</b> , 52, 1999-2002		110
19	Effective treatment of collagen-induced arthritis by adoptive transfer of CD25+ regulatory T cells. <i>Arthritis and Rheumatism</i> , <b>2005</b> , 52, 2212-21		310
18	An independent role of protective HLA class II alleles in rheumatoid arthritis severity and susceptibility. <i>Arthritis and Rheumatism</i> , <b>2005</b> , 52, 2637-44		77
17	Association of HLA-DR3 with anti-cyclic citrullinated peptide antibody-negative rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , <b>2005</b> , 52, 3058-62		140

16	Refining the complex rheumatoid arthritis phenotype based on specificity of the HLA-DRB1 shared epitope for antibodies to citrullinated proteins. <i>Arthritis and Rheumatism</i> , <b>2005</b> , 52, 3433-8		427
15	The devil in the details: the emerging role of anticitrulline autoimmunity in rheumatoid arthritis. <i>Journal of Immunology</i> , <b>2005</b> , 175, 5575-80	5.3	83
14	Transcription of the IL10 gene reveals allele-specific regulation at the mRNA level. <i>Human Molecular Genetics</i> , <b>2004</b> , 13, 1755-62	5.6	245
13	Functional regulatory immune responses against human cartilage glycoprotein-39 in health vs. proinflammatory responses in rheumatoid arthritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 17180-5	11.5	60
12	Association between HLA class II genes and autoantibodies to cyclic citrullinated peptides (CCPs) influences the severity of rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , <b>2004</b> , 50, 2113-21		278
11	Antigen-specific immunomodulation of collagen-induced arthritis with tumor necrosis factor-stimulated dendritic cells. <i>Arthritis and Rheumatism</i> , <b>2004</b> , 50, 3354-64		57
10	Hematopoietic Chimerism Following Non-Myeoloablative Stem Cell Transplantation Is Dependent on NK Cell Tolerance <i>Blood</i> , <b>2004</b> , 104, 45-45	2.2	1
9	Enhanced concentrations of interleukin 16 are associated with joint destruction in patients with rheumatoid arthritis. <i>Journal of Rheumatology</i> , <b>2004</b> , 31, 35-9	4.1	22
8	Fibroblast-like synoviocytes from rheumatoid arthritis patients express less FLICE-inhibitory protein than fibroblast-like synoviocytes from trauma patients: comment on the article by Schedel et al. <i>Arthritis and Rheumatism</i> , <b>2003</b> , 48, 858-9; author reply 859		2
7	CD25+ cell depletion hastens the onset of severe disease in collagen-induced arthritis. <i>Arthritis and Rheumatism</i> , <b>2003</b> , 48, 1452-60		250
6	Involvement of inhibitory NKRs in the survival of a subset of memory-phenotype CD8+ T cells. <i>Nature Immunology</i> , <b>2001</b> , 2, 430-5	19.1	134
5	Discrete cleavage motifs of constitutive and immunoproteasomes revealed by quantitative analysis of cleavage products. <i>Journal of Experimental Medicine</i> , <b>2001</b> , 194, 1-12	16.6	380
4	CD40 activation in vivo overcomes peptide-induced peripheral cytotoxic T-lymphocyte tolerance and augments anti-tumor vaccine efficacy. <i>Nature Medicine</i> , <b>1999</b> , 5, 774-9	50.5	406
3	T-cell help for cytotoxic T lymphocytes is mediated by CD40-CD40L interactions. <i>Nature</i> , <b>1998</b> , 393, 480	<b>-3</b> 0.4	2136
2	Bioorthogonal antigens allow the unbiased study of antigen processing and presentation		1
1	From risk to chronicity: evolution of autoreactive B cell and antibody responses in rheumatoid arthritis. <i>Nature Reviews Rheumatology</i> ,	8.1	2