

# Anne Barton

## List of Publications by Year in Descending Order

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**Version:** 2024-04-27

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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.

303  
papers

27,597  
citations

62  
h-index

163  
g-index

359  
ext. papers

31,243  
ext. citations

6.8  
avg, IF

7.52  
L-index

#	Paper	IF	Citations
303	HLA-DRB1 haplotypes predict cardiovascular mortality in inflammatory polyarthritis independent of CRP and anti-CCP status.. <i>Arthritis Research and Therapy</i> , <b>2022</b> , 24, 90	5.7	0
302	Application of information theoretic feature selection and machine learning methods for the development of genetic risk prediction models. <i>Scientific Reports</i> , <b>2021</b> , 11, 23335	4.9	2
301	Transcriptome-wide study of TNF-inhibitor therapy in rheumatoid arthritis reveals early signature of successful treatment. <i>Arthritis Research and Therapy</i> , <b>2021</b> , 23, 80	5.7	2
300	Comprehensive analysis of the major histocompatibility complex in systemic sclerosis identifies differential HLA associations by clinical and serological subtypes. <i>Annals of the Rheumatic Diseases</i> , <b>2021</b> ,	2.4	4
299	Cell-specific epigenetic drivers of pathogenesis in rheumatoid arthritis. <i>Epigenomics</i> , <b>2021</b> , 13, 549-560	4.4	3
298	Towards Personalising the Use of Biologics in Rheumatoid Arthritis: A Discrete Choice Experiment. <i>Patient</i> , <b>2021</b> , 1	3.7	1
297	Translating research into clinical practice: quality improvement to halve non-adherence to methotrexate. <i>Rheumatology</i> , <b>2021</b> , 60, 125-131	3.9	0
296	Changes in the illness perceptions of patients with rheumatoid arthritis over the first year of methotrexate therapy. <i>Rheumatology</i> , <b>2021</b> , 60, 2355-2365	3.9	5
295	Machine learning in precision medicine: lessons to learn. <i>Nature Reviews Rheumatology</i> , <b>2021</b> , 17, 5-6	8.1	7
294	Do people with rheumatoid arthritis maintain their physical activity level at treatment onset over the first year of methotrexate therapy?. <i>Rheumatology</i> , <b>2021</b> , 60, 4633-4642	3.9	2
293	Prediction of response of methotrexate in patients with rheumatoid arthritis using serum lipidomics. <i>Scientific Reports</i> , <b>2021</b> , 11, 7266	4.9	5
292	Robust optimization of SWATH-MS workflow for human blood serum proteome analysis using a quality by design approach. <i>Clinical Proteomics</i> , <b>2021</b> , 18, 20	5	0
291	Alopecia areata is characterized by dysregulation in systemic type 17 and type 2 cytokines, which may contribute to disease-associated psychological morbidity. <i>British Journal of Dermatology</i> , <b>2020</b> , 182, 130-137	4	24
290	Latent Class Trajectory Modeling of 2-Component Disease Activity Score in 28 Joints Identifies Multiple Rheumatoid Arthritis Phenotypes of Response to Biologic Disease-Modifying Antirheumatic Drugs. <i>Arthritis and Rheumatology</i> , <b>2020</b> , 72, 1632-1642	9.5	6
289	Personalized medicine in rheumatic diseases: how close are we to being able to use genetic biomarkers to predict response to TNF inhibitors?. <i>Expert Review of Clinical Immunology</i> , <b>2020</b> , 16, 389-396	5.1	6
288	Predictors of presenteeism, absenteeism and job loss in patients commencing methotrexate or biologic therapy for rheumatoid arthritis. <i>Rheumatology</i> , <b>2020</b> , 59, 2908-2919	3.9	6
287	A restricted spectrum of missense KMT2D variants cause a multiple malformations disorder distinct from Kabuki syndrome. <i>Genetics in Medicine</i> , <b>2020</b> , 22, 867-877	8.1	17

286	Lymphocyte DNA methylation mediates genetic risk at shared immune-mediated disease loci. <i>Journal of Allergy and Clinical Immunology</i> , <b>2020</b> , 145, 1438-1451	11.5	10
285	Association of Pharmacological Biomarkers with Treatment Response and Longterm Disability in Patients with Psoriatic Arthritis: Results from OUTPASS. <i>Journal of Rheumatology</i> , <b>2020</b> , 47, 1204-1208	4.1	4
284	The predictors of and reasons for non-adherence in an observational cohort of patients with rheumatoid arthritis commencing methotrexate. <i>Rheumatology</i> , <b>2020</b> , 59, 213-223	3.9	11
283	Pharmacogenetics of TNF inhibitor response in rheumatoid arthritis utilizing the two-component disease activity score. <i>Pharmacogenomics</i> , <b>2020</b> , 21, 1151-1156	2.6	1
282	THU0022 DIFFERENTIAL DNA METHYLATION AS A PREDICTOR OF TOCILIZUMAB RESPONSE IN RHEUMATOID ARTHRITIS PATIENTS. <i>Annals of the Rheumatic Diseases</i> , <b>2020</b> , 79, 224.1-224	2.4	
281	THU0005 VARIABILITY OF DNA METHYLATION IS A DRIVER OF LYMPHOCYTE DYSREGULATION IN EARLY RHEUMATOID ARTHRITIS.. <i>Annals of the Rheumatic Diseases</i> , <b>2020</b> , 79, 215.2-215	2.4	
280	Long-term outcomes of patients who rate symptoms of rheumatoid arthritis as SatisfactoryO <i>Rheumatology</i> , <b>2020</b> , 59, 1853-1861	3.9	6
279	Proteomic analysis to define predictors of treatment response to adalimumab or methotrexate in rheumatoid arthritis patients. <i>Pharmacogenomics Journal</i> , <b>2020</b> , 20, 516-523	3.5	3
278	The use of missing values in proteomic data-independent acquisition mass spectrometry to enable disease activity discrimination. <i>Bioinformatics</i> , <b>2020</b> , 36, 2217-2223	7.2	12
277	Characterisation of CD4+ T-cell subtypes using single cell RNA sequencing and the impact of cell number and sequencing depth. <i>Scientific Reports</i> , <b>2020</b> , 10, 19825	4.9	4
276	Genetic feature engineering enables characterisation of shared risk factors in immune-mediated diseases. <i>Genome Medicine</i> , <b>2020</b> , 12, 106	14.4	3
275	Investigation of genetically regulated gene expression and response to treatment in rheumatoid arthritis highlights an association between expression and treatment response. <i>Annals of the Rheumatic Diseases</i> , <b>2020</b> , 79, 1446-1452	2.4	2
274	Using functional genomics to advance the understanding of psoriatic arthritis. <i>Rheumatology</i> , <b>2020</b> , 59, 3137-3146	3.9	4
273	Predicting treatment response to IL6R blockers in rheumatoid arthritis. <i>Rheumatology</i> , <b>2020</b> , 59, 3603-3610	3.9	7
272	Adding value to real-world data: the role of biomarkers. <i>Rheumatology</i> , <b>2020</b> , 59, 31-38	3.9	8
271	Differential DNA methylation correlates with response to methotrexate in rheumatoid arthritis. <i>Rheumatology</i> , <b>2020</b> , 59, 1364-1371	3.9	24
270	Distinct HLA Associations with Rheumatoid Arthritis Subsets Defined by Serological Subphenotype. <i>American Journal of Human Genetics</i> , <b>2019</b> , 105, 616-624	11	16
269	Translational genomics and precision medicine: Moving from the lab to the clinic. <i>Science</i> , <b>2019</b> , 365, 1409-1413	33.3	68

268	Using the Immunophenotype to Predict Response to Biologic Drugs in Rheumatoid Arthritis. <i>Journal of Personalized Medicine</i> , <b>2019</b> , 9,	3.6	6
267	Development and validation of a methotrexate adherence assay. <i>Annals of the Rheumatic Diseases</i> , <b>2019</b> , 78, 1192-1197	2.4	5
266	Chromatin interactions reveal novel gene targets for drug repositioning in rheumatic diseases. <i>Annals of the Rheumatic Diseases</i> , <b>2019</b> , 78, 1127-1134	2.4	15
265	Association of response to TNF inhibitors in rheumatoid arthritis with quantitative trait loci for and CD39. <i>Annals of the Rheumatic Diseases</i> , <b>2019</b> , 78, 1055-1061	2.4	12
264	Validity of a two-component imaging-derived disease activity score for improved assessment of synovitis in early rheumatoid arthritis. <i>Rheumatology</i> , <b>2019</b> ,	3.9	21
263	Expression of STAT3-regulated genes in circulating CD4+ T cells discriminates rheumatoid arthritis independently of clinical parameters in early arthritis. <i>Rheumatology</i> , <b>2019</b> , 58, 1250-1258	3.9	8
262	Prediction of infection risk in rheumatoid arthritis patients treated with biologics: are we any closer to risk stratification?. <i>Current Opinion in Rheumatology</i> , <b>2019</b> , 31, 285-292	5.3	21
261	Profiling of Gene Expression Biomarkers as a Classifier of Methotrexate Nonresponse in Patients With Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , <b>2019</b> , 71, 678-684	9.5	26
260	Prediction of response to methotrexate in rheumatoid arthritis. <i>Expert Review of Clinical Immunology</i> , <b>2018</b> , 14, 419-429	5.1	16
259	Rheumatoid arthritis. <i>Nature Reviews Disease Primers</i> , <b>2018</b> , 4, 18001	51.1	750
258	Genotypic variability-based genome-wide association study identifies non-additive loci HLA-C and IL12B for psoriasis. <i>Journal of Human Genetics</i> , <b>2018</b> , 63, 289-296	4.3	5
257	Genetics of immune-mediated inflammatory diseases. <i>Clinical and Experimental Immunology</i> , <b>2018</b> , 193, 3-12	6.2	43
256	Prediction of primary non-response to methotrexate therapy using demographic, clinical and psychosocial variables: results from the UK Rheumatoid Arthritis Medication Study (RAMS). <i>Arthritis Research and Therapy</i> , <b>2018</b> , 20, 147	5.7	36
255	The prevalence of co-morbidities and their impact on physical activity in people with inflammatory rheumatic diseases compared with the general population: results from the UK Biobank. <i>Rheumatology</i> , <b>2018</b> , 57, 2172-2182	3.9	21
254	CD4+ and B Lymphocyte Expression Quantitative Traits at Rheumatoid Arthritis Risk Loci in Patients With Untreated Early Arthritis: Implications for Causal Gene Identification. <i>Arthritis and Rheumatology</i> , <b>2018</b> , 70, 361-370	9.5	26
253	Prediction of treatment response in rheumatoid arthritis patients using genome-wide SNP data. <i>Genetic Epidemiology</i> , <b>2018</b> , 42, 754-771	2.6	13
252	Increased DNA methylation variability in rheumatoid arthritis-discordant monozygotic twins. <i>Genome Medicine</i> , <b>2018</b> , 10, 64	14.4	48
251	Assessing the Role of DNA Methylation-Derived Neutrophil-to-Lymphocyte Ratio in Rheumatoid Arthritis. <i>Journal of Immunology Research</i> , <b>2018</b> , 2018, 2624981	4.5	8

250	Genome-wide association study of response to tumour necrosis factor inhibitor therapy in rheumatoid arthritis. <i>Pharmacogenomics Journal</i> , <b>2018</b> , 18, 657-664	3.5	32
249	Genome-wide association study of response to methotrexate in early rheumatoid arthritis patients. <i>Pharmacogenomics Journal</i> , <b>2018</b> , 18, 528-538	3.5	25
248	Psoriasis and Psoriatic Arthritis <b>2018</b> , 239-250		
247	Optimisation of methods for bacterial skin microbiome investigation: primer selection and comparison of the 454 versus MiSeq platform. <i>BMC Microbiology</i> , <b>2017</b> , 17, 23	4.5	71
246	High frequency of antidrug antibodies and association of random drug levels with efficacy in certolizumab pegol-treated patients with rheumatoid arthritis: results from the BRAGGSS cohort. <i>Annals of the Rheumatic Diseases</i> , <b>2017</b> , 76, 208-213	2.4	40
245	Drug-specific risk and characteristics of lupus and vasculitis-like events in patients with rheumatoid arthritis treated with TNFi: results from BSRBR-RA. <i>RMD Open</i> , <b>2017</b> , 3, e000314	5.9	21
244	HLA-A 31:01 is not associated with the development of methotrexate pneumonitis in the UK population: results from a genome-wide association study. <i>Annals of the Rheumatic Diseases</i> , <b>2017</b> , 76, e51	2.4	9
243	A rare coding allele is protective for psoriatic arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2017</b> , 76, 1321-1324	2.4	10
242	Genetics of rheumatoid arthritis susceptibility, severity, and treatment response. <i>Seminars in Immunopathology</i> , <b>2017</b> , 39, 395-408	12	45
241	The predictive value of serum S100A9 and response to etanercept is not confirmed in a large UK rheumatoid arthritis cohort. <i>Rheumatology</i> , <b>2017</b> , 56, 1019-1024	3.9	7
240	Cross-phenotype association mapping of the MHC identifies genetic variants that differentiate psoriatic arthritis from psoriasis. <i>Annals of the Rheumatic Diseases</i> , <b>2017</b> , 76, 1774-1779	2.4	36
239	DNA methylation as a marker of response in rheumatoid arthritis. <i>Pharmacogenomics</i> , <b>2017</b> , 18, 1323-1332	2.4	16
238	Genotypic variability based association identifies novel non-additive loci DHCR7 and IRF4 in sero-negative rheumatoid arthritis. <i>Scientific Reports</i> , <b>2017</b> , 7, 5261	4.9	14
237	Precision Medicine in Rheumatoid Arthritis. <i>Rheumatic Disease Clinics of North America</i> , <b>2017</b> , 43, 377-387	2.4	25
236	Brief Report: The Role of Rare Protein-Coding Variants in Anti-Tumor Necrosis Factor Treatment Response in Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , <b>2017</b> , 69, 735-741	9.5	8
235	Investigation of the genetic overlap between rheumatoid arthritis and psoriatic arthritis in a Greek population. <i>Scandinavian Journal of Rheumatology</i> , <b>2017</b> , 46, 180-186	1.9	13
234	Genetics of Rheumatic Diseases <b>2017</b> , 327-343		
233	and are disease-specific biomarkers for psoriatic arthritis susceptibility. <i>Oncotarget</i> , <b>2017</b> , 8, 95401-95413	2.4	8

232	Detection of anti-drug antibodies using a bridging ELISA compared with radioimmunoassay in adalimumab-treated rheumatoid arthritis patients with random drug levels. <i>Rheumatology</i> , <b>2016</b> , 55, 2050-2055	3.9	10
231	Rheumatoid arthritis patient perceptions on the value of predictive testing for treatments: a qualitative study. <i>BMC Musculoskeletal Disorders</i> , <b>2016</b> , 17, 460	2.8	8
230	Crowdsourced assessment of common genetic contribution to predicting anti-TNF treatment response in rheumatoid arthritis. <i>Nature Communications</i> , <b>2016</b> , 7, 12460	17.4	54
229	AB0727 Increased Rates of Hypertension in Patients with Psoriatic Arthritis Compared To Psoriasis Alone: Results From The UK Biobank. <i>Annals of the Rheumatic Diseases</i> , <b>2016</b> , 75, 1153.1-1153	2.4	1
228	A6.13 Identification of novel expression quantitative trait loci in CD4+ T cells of untreated early arthritis patients. <i>Annals of the Rheumatic Diseases</i> , <b>2016</b> , 75, A52.2-A52	2.4	
227	AB0005 Weighted Gene Co-Expression Network Analysis Reveals Link between Protein Kinase Signalling and Response To Methotrexate in New-Onset Rheumatoid Arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2016</b> , 75, 898.2-898	2.4	
226	Replication of a distinct psoriatic arthritis risk variant at the IL23R locus. <i>Annals of the Rheumatic Diseases</i> , <b>2016</b> , 75, 1417-8	2.4	5
225	Previously reported PDE3A-SLCO1C1 genetic variant does not correlate with anti-TNF response in a large UK rheumatoid arthritis cohort. <i>Pharmacogenomics</i> , <b>2016</b> , 17, 715-20	2.6	8
224	Association of Toll-like receptor 4 (TLR4) with chronic plaque type psoriasis and psoriatic arthritis. <i>Archives of Dermatological Research</i> , <b>2016</b> , 308, 201-5	3.3	29
223	One SNP at a Time: Moving beyond GWAS in Psoriasis. <i>Journal of Investigative Dermatology</i> , <b>2016</b> , 136, 567-573	4.3	30
222	Identifying a novel locus for psoriatic arthritis. <i>Rheumatology</i> , <b>2016</b> , 55, 25-32	3.9	8
221	Loci associated with N-glycosylation of human IgG are not associated with rheumatoid arthritis: a Mendelian randomisation study. <i>Annals of the Rheumatic Diseases</i> , <b>2016</b> , 75, 317-20	2.4	10
220	Anticarbamylated protein antibodies are associated with long-term disability and increased disease activity in patients with early inflammatory arthritis: results from the Norfolk Arthritis Register. <i>Annals of the Rheumatic Diseases</i> , <b>2016</b> , 75, 1139-44	2.4	33
219	Identifying Causal Genes at the Multiple Sclerosis Associated Region 6q23 Using Capture Hi-C. <i>PLoS ONE</i> , <b>2016</b> , 11, e0166923	3.7	20
218	Capture Hi-C identifies a novel causal gene, IL20RA, in the pan-autoimmune genetic susceptibility region 6q23. <i>Genome Biology</i> , <b>2016</b> , 17, 212	18.3	62
217	HLA-DRB1 Amino Acid Positions 11/13, 71, and 74 Are Associated With Inflammation Level, Disease Activity, and the Health Assessment Questionnaire Score in Patients With Inflammatory Polyarthritis. <i>Arthritis and Rheumatology</i> , <b>2016</b> , 68, 2618-2628	9.5	21
216	OP0235 Identification of Novel Cd4+ Lymphocyte Expression Quantitative Trait Loci in Untreated Early Arthritis Patients. <i>Annals of the Rheumatic Diseases</i> , <b>2016</b> , 75, 147.1-147	2.4	
215	Psychological factors predict adherence to methotrexate in rheumatoid arthritis; findings from a systematic review of rates, predictors and associations with patient-reported and clinical outcomes. <i>RMD Open</i> , <b>2016</b> , 2, e000171	5.9	26

214	SAT0009 Investigation of Differential Methylation as A Potential Biomarker of Methotrexate Response in Patients with Rheumatoid Arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2016</b> , 75, 667.1-667	2.4	
213	Cryopreservation of cells does not substantially alter the DNA methylome of CD3+CD4+ T cells. <i>Scandinavian Journal of Rheumatology</i> , <b>2016</b> , 45, 329-30	1.9	
212	A microcosting study of immunogenicity and tumour necrosis factor alpha inhibitor drug level tests for therapeutic drug monitoring in clinical practice. <i>Rheumatology</i> , <b>2016</b> , 55, 2131-2137	3.9	10
211	Differential Methylation as a Biomarker of Response to Etanercept in Patients With Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , <b>2016</b> , 68, 1353-60	9.5	46
210	Replication of Associations of Genetic Loci Outside the HLA Region With Susceptibility to Anti-Cyclic Citrullinated Peptide-Negative Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , <b>2016</b> , 68, 1603-13	9.5	24
209	Association Between Genetic Variation in FOXO3 and Reductions in Inflammation and Disease Activity in Inflammatory Polyarthritis. <i>Arthritis and Rheumatology</i> , <b>2016</b> , 68, 2629-2636	9.5	23
208	Impact of inadequate adherence on response to subcutaneously administered anti-tumour necrosis factor drugs: results from the Biologics in Rheumatoid Arthritis Genetics and Genomics Study Syndicate cohort. <i>Rheumatology</i> , <b>2015</b> , 54, 494-9	3.9	69
207	The skin microbiome in psoriatic arthritis: methodology development and pilot data. <i>Lancet, The</i> , <b>2015</b> , 385 Suppl 1, S27	40	6
206	Association of HLA-DRB1 haplotypes with rheumatoid arthritis severity, mortality, and treatment response. <i>JAMA - Journal of the American Medical Association</i> , <b>2015</b> , 313, 1645-56	27.4	92
205	A HPLC-SRM-MS based method for the detection and quantification of methotrexate in urine at doses used in clinical practice for patients with rheumatological disease: a potential measure of adherence. <i>Analyst, The</i> , <b>2015</b> , 140, 1981-7	5	18
204	A weighted genetic risk score using all known susceptibility variants to estimate rheumatoid arthritis risk. <i>Annals of the Rheumatic Diseases</i> , <b>2015</b> , 74, 170-6	2.4	43
203	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
202	Clinical utility of random anti-tumour necrosis factor drug testing and measurement of anti-drug antibodies on long-term treatment response in rheumatoid arthritis. <i>Lancet, The</i> , <b>2015</b> , 385 Suppl 1, S48	40	12
201	Clinical utility of random anti-tumor necrosis factor drug-level testing and measurement of antidrug antibodies on the long-term treatment response in rheumatoid arthritis. <i>Arthritis and Rheumatology</i> , <b>2015</b> , 67, 2011-9	9.5	69
200	Association of chemokine CXC ligand 12 gene polymorphism (rs1746048) with cardiovascular mortality in patients with rheumatoid arthritis: results from the Norfolk Arthritis Register. <i>Annals of the Rheumatic Diseases</i> , <b>2015</b> , 74, 2099-102	2.4	4
199	Genetic and genomic markers of anti-TNF treatment response in rheumatoid arthritis. <i>Biomarkers in Medicine</i> , <b>2015</b> , 9, 499-512	2.3	23
198	Dense genotyping of immune-related susceptibility loci reveals new insights into the genetics of psoriatic arthritis. <i>Nature Communications</i> , <b>2015</b> , 6, 6046	17.4	103
197	Identification of loci associated with late-onset psoriasis using dense genotyping of immune-related regions. <i>British Journal of Dermatology</i> , <b>2015</b> , 172, 933-9	4	12

196	Rheumatoid arthritis response to treatment across IgG1 allotype - anti-TNF incompatibility: a case-only study. <i>Arthritis Research and Therapy</i> , <b>2015</b> , 17, 63	5.7	9
195	Investigating CD11c expression as a potential genomic biomarker of response to TNF inhibitor biologics in whole blood rheumatoid arthritis samples. <i>Arthritis Research and Therapy</i> , <b>2015</b> , 17, 359	5.7	5
194	SAT0345 Lifestyle, Clinical and Psychosocial Predictors of Good Response to Methotrexate Therapy in the Rheumatoid Arthritis Medication Study (RAMS). <i>Annals of the Rheumatic Diseases</i> , <b>2015</b> , 74, 783.3-784	7.4	1
193	Statistical colocalization of genetic risk variants for related autoimmune diseases in the context of common controls. <i>Nature Genetics</i> , <b>2015</b> , 47, 839-46	36.3	97
192	Pharmacogenetics of treatment response in psoriatic arthritis. <i>Current Rheumatology Reports</i> , <b>2015</b> , 17, 44	4.9	13
191	Reply: To PMID 24339425. <i>Arthritis Care and Research</i> , <b>2015</b> , 67, 452-3	4.7	
190	Capture Hi-C reveals novel candidate genes and complex long-range interactions with related autoimmune risk loci. <i>Nature Communications</i> , <b>2015</b> , 6, 10069	17.4	121
189	PTPN22 is associated with susceptibility to psoriatic arthritis but not psoriasis: evidence for a further PsA-specific risk locus. <i>Annals of the Rheumatic Diseases</i> , <b>2015</b> , 74, 1882-5	2.4	49
188	TYK2 protein-coding variants protect against rheumatoid arthritis and autoimmunity, with no evidence of major pleiotropic effects on non-autoimmune complex traits. <i>PLoS ONE</i> , <b>2015</b> , 10, e0122271	3.7	77
187	Novel rheumatoid arthritis susceptibility locus at 22q12 identified in an extended UK genome-wide association study. <i>Arthritis and Rheumatology</i> , <b>2014</b> , 66, 24-30	9.5	36
186	Genetic and epigenetic predictors of responsiveness to treatment in RA. <i>Nature Reviews Rheumatology</i> , <b>2014</b> , 10, 329-37	8.1	62
185	Genetics of rheumatoid arthritis contributes to biology and drug discovery. <i>Nature</i> , <b>2014</b> , 506, 376-81	50.4	1426
184	Economics of stratified medicine in rheumatoid arthritis. <i>Current Rheumatology Reports</i> , <b>2014</b> , 16, 468	4.9	8
183	Investigation of an interleukin-6 receptor gene polymorphism (rs2228145) as a predictor of cardiovascular mortality in inflammatory polyarthritis: results from the Norfolk Arthritis Register. <i>Annals of the Rheumatic Diseases</i> , <b>2014</b> , 73, 787-8	2.4	7
182	Testing the role of vitamin D in response to antitumour necrosis factor therapy in a UK cohort: a Mendelian randomisation approach. <i>Annals of the Rheumatic Diseases</i> , <b>2014</b> , 73, 938-40	2.4	6
181	The role of genetic polymorphisms regulating vitamin D levels in rheumatoid arthritis outcome: a Mendelian randomisation approach. <i>Annals of the Rheumatic Diseases</i> , <b>2014</b> , 73, 1430-3	2.4	7
180	The bacterial skin microbiome in psoriatic arthritis, an unexplored link in pathogenesis: challenges and opportunities offered by recent technological advances. <i>Rheumatology</i> , <b>2014</b> , 53, 777-84	3.9	29
179	Integration of sequence data from a Consanguineous family with genetic data from an outbred population identifies PLB1 as a candidate rheumatoid arthritis risk gene. <i>PLoS ONE</i> , <b>2014</b> , 9, e87645	3.7	24

178	SAT0095 Control of Disease Activity is Associated with Improvement in Physical Activity in Patients with Rheumatoid Arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2014</b> , 73, 624.3-625	2.4	
177	Polymorphisms in IL-1B distinguish between psoriasis of early and late onset. <i>Journal of Investigative Dermatology</i> , <b>2014</b> , 134, 1459-1462	4.3	19
176	Association of a complement receptor 1 gene variant with baseline erythrocyte sedimentation rate levels in patients starting anti-TNF therapy in a UK rheumatoid arthritis cohort: results from the Biologics in Rheumatoid Arthritis Genetics and Genomics Study Syndicate cohort. <i>Pharmacogenomics Journal</i> , <b>2014</b> , 14, 171-5	3.5	3
175	Impact of psychological factors on subjective disease activity assessments in patients with severe rheumatoid arthritis. <i>Arthritis Care and Research</i> , <b>2014</b> , 66, 861-8	4.7	58
174	The role of DMARDs in reducing the immunogenicity of TNF inhibitors in chronic inflammatory diseases. <i>Rheumatology</i> , <b>2014</b> , 53, 213-22	3.9	137
173	Evidence of NLRP3-inflammasome activation in rheumatoid arthritis (RA); genetic variants within the NLRP3-inflammasome complex in relation to susceptibility to RA and response to anti-TNF treatment. <i>Annals of the Rheumatic Diseases</i> , <b>2014</b> , 73, 1202-10	2.4	128
172	Enrichment of vitamin D response elements in RA-associated loci supports a role for vitamin D in the pathogenesis of RA. <i>Genes and Immunity</i> , <b>2013</b> , 14, 325-9	4.4	13
171	Genome-wide association analysis of anti-TNF drug response in patients with rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2013</b> , 72, 1375-81	2.4	79
170	Exploring ankylosing spondylitis-associated ERAP1, IL23R and IL12B gene polymorphisms in subphenotypes of psoriatic arthritis. <i>Rheumatology</i> , <b>2013</b> , 52, 261-6	3.9	30
169	An investigation of rheumatoid arthritis loci in patients with early-onset psoriasis validates association of the REL gene. <i>British Journal of Dermatology</i> , <b>2013</b> , 168, 864-6	4	10
168	Human SNP links differential outcomes in inflammatory and infectious disease to a FOXO3-regulated pathway. <i>Cell</i> , <b>2013</b> , 155, 57-69	56.2	168
167	Genetic polymorphisms in key methotrexate pathway genes are associated with response to treatment in rheumatoid arthritis patients. <i>Pharmacogenomics Journal</i> , <b>2013</b> , 13, 227-34	3.5	72
166	MTHFR gene polymorphisms and outcome of methotrexate treatment in patients with rheumatoid arthritis: analysis of key polymorphisms and meta-analysis of C677T and A1298C polymorphisms. <i>Pharmacogenomics Journal</i> , <b>2013</b> , 13, 137-47	3.5	55
165	OP0050 Fine Mapping and Expression of a Locus Overlapping 3 Types of Inflammatory Arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2013</b> , 72, A66.3-A67	2.4	1
164	Rare, low-frequency, and common variants in the protein-coding sequence of biological candidate genes from GWASs contribute to risk of rheumatoid arthritis. <i>American Journal of Human Genetics</i> , <b>2013</b> , 92, 15-27	11	72
163	Investigation of rheumatoid arthritis genetic susceptibility markers in the early rheumatoid arthritis study further replicates the TRAF1 association with radiological damage. <i>Journal of Rheumatology</i> , <b>2013</b> , 40, 144-56	4.1	22
162	Predicting the risk of rheumatoid arthritis and its age of onset through modelling genetic risk variants with smoking. <i>PLoS Genetics</i> , <b>2013</b> , 9, e1003808	6	40
161	Identification of BACH2 and RAD51B as rheumatoid arthritis susceptibility loci in a meta-analysis of genome-wide data. <i>Arthritis and Rheumatism</i> , <b>2013</b> , 65, 3058-62		35

160	Variants in RUNX3 contribute to susceptibility to psoriatic arthritis, exhibiting further common ground with ankylosing spondylitis. <i>Arthritis and Rheumatism</i> , <b>2013</b> , 65, 1224-31		56
159	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
158	The potential use of expression profiling: implications for predicting treatment response in rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2013</b> , 72, 1118-24	2.4	32
157	Crowdsourcing genetic prediction of clinical utility in the Rheumatoid Arthritis Responder Challenge. <i>Nature Genetics</i> , <b>2013</b> , 45, 468-9	36.3	20
156	Investigation of C reactive protein gene polymorphisms as predictors of cardiovascular mortality in inflammatory polyarthritis: results from the Norfolk Arthritis Register. <i>Annals of the Rheumatic Diseases</i> , <b>2013</b> , 72, 1429-30	2.4	2
155	OP0213 Identification of common susceptibility loci for inflammatory arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2013</b> , 71, 128.1-128	2.4	
154	AB0180 Relationship between area level socio-economic deprivation and autoantibody status in rheumatoid arthritis patients: Multicentre cross-sectional study. <i>Annals of the Rheumatic Diseases</i> , <b>2013</b> , 71, 647.17-647	2.4	
153	SAT0007 Fine-mapping of the 5Q31 psoriatic arthritis susceptibility LOCI in a british population. <i>Annals of the Rheumatic Diseases</i> , <b>2013</b> , 71, 473.1-473	2.4	
152	THU0002 Fine mapping and expression studies of the 12Q13-14 locus associated with rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2013</b> , 71, 154.2-154	2.4	
151	SAT0014 Correlation of CRP haplotypes with response to anti-TNF therapy in UK patients [Results from the BRAGGSS cohort. <i>Annals of the Rheumatic Diseases</i> , <b>2013</b> , 71, 475.2-475	2.4	
150	OP0210 Enrichment of vitamin D response elements in RA associated loci, suggests a role for vitamin D in the pathogenesis of RA. <i>Annals of the Rheumatic Diseases</i> , <b>2013</b> , 71, 126.3-127	2.4	
149	OP0214 Investigation of rheumatoid arthritis genetic susceptibility markers in the early rheumatoid arthritis study (ERAS) provides further replication of the TRAF1/C5 association with radiological damage. <i>Annals of the Rheumatic Diseases</i> , <b>2013</b> , 71, 128.2-128	2.4	
148	SAT0012 Estimating heritability of response to treatment with anti-TNF biologic agents using linear mixed models. <i>Annals of the Rheumatic Diseases</i> , <b>2013</b> , 71, 474.3-475	2.4	1
147	THU0174 Impact of IL-6R and IL-6ST Polymorphisms on Response to Anti-TNF Therapy in UK Patients [Results from the Braggss Cohort. <i>Annals of the Rheumatic Diseases</i> , <b>2013</b> , 72, A222.1-A222	2.4	
146	THU0003 Fine-mapping of autoimmune susceptibility LOCI using immunoChip identifies novel susceptibility LOCI for psoriatic arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2013</b> , 71, 154.3-155	2.4	
145	AB0436 Patient acceptable symptom state in rheumatoid arthritis patients starting methotrexate correlates with age and patient reported outcomes. <i>Annals of the Rheumatic Diseases</i> , <b>2013</b> , 71, 662.9-662 <sup>4</sup>		
144	A7.15 Lack of Association of Variants Previously Associated with Anti-TNF Medication Response in Rheumatoid Arthritis Patients: Results from a Homogeneous Greek Population. <i>Annals of the Rheumatic Diseases</i> , <b>2013</b> , 72, A53.1-A53	2.4	
143	THU0010 A Weighted Genetic Risk Score Using 46 Loci to Predict Rheumatoid Arthritis Risk. <i>Annals of the Rheumatic Diseases</i> , <b>2013</b> , 72, A167.3-A168	2.4	3

142	ABO289 Can cd11c expression successfully predict response to etanercept in rheumatoid arthritis patients?. <i>Annals of the Rheumatic Diseases</i> , <b>2013</b> , 72, A875.1-A875	2.4	1
141	Lack of association of variants previously associated with anti-TNF medication response in rheumatoid arthritis patients: results from a homogeneous Greek population. <i>PLoS ONE</i> , <b>2013</b> , 8, e74373-7	3.7	19
140	Confirmation of association of FCGR3B but not FCGR3A copy number with susceptibility to autoantibody positive rheumatoid arthritis. <i>Human Mutation</i> , <b>2012</b> , 33, 741-9	4.7	32
139	Replication of association of the PTPRC gene with response to anti-tumor necrosis factor therapy in a large UK cohort. <i>Arthritis and Rheumatism</i> , <b>2012</b> , 64, 665-70		55
138	High-density genetic mapping identifies new susceptibility loci for rheumatoid arthritis. <i>Nature Genetics</i> , <b>2012</b> , 44, 1336-40	36.3	436
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132	Long-term stability of anti-cyclic citrullinated peptide antibody status in patients with early inflammatory polyarthritis. <i>Arthritis Research and Therapy</i> , <b>2012</b> , 14, R109	5.7	16
131	What have genome-wide studies told us about psoriatic arthritis?. <i>Current Rheumatology Reports</i> , <b>2012</b> , 14, 364-8	4.9	15
130	Genetic susceptibility to psoriasis and psoriatic arthritis: implications for therapy. <i>British Journal of Dermatology</i> , <b>2012</b> , 166, 474-82	4	48
129	Genetic markers of rheumatoid arthritis susceptibility in anti-citrullinated peptide antibody negative patients. <i>Annals of the Rheumatic Diseases</i> , <b>2012</b> , 71, 1984-90	2.4	78
128	Informed conditioning on clinical covariates increases power in case-control association studies. <i>PLoS Genetics</i> , <b>2012</b> , 8, e1003032	6	58
127	Heterogeneity of anticitrullinated peptide antibodies and response to anti-tumor necrosis factor agents in rheumatoid arthritis. <i>Journal of Rheumatology</i> , <b>2012</b> , 39, 929-32	4.1	16
126	Idiopathic orbital inflammation successfully treated using rituximab in a patient with rheumatoid arthritis. <i>Journal of Rheumatology</i> , <b>2012</b> , 39, 1485-6	4.1	11
125	Investigation of rheumatoid arthritis susceptibility loci in juvenile idiopathic arthritis confirms high degree of overlap. <i>Annals of the Rheumatic Diseases</i> , <b>2012</b> , 71, 1117-21	2.4	36

124	Comprehensive assessment of rheumatoid arthritis susceptibility loci in a large psoriatic arthritis cohort. <i>Annals of the Rheumatic Diseases</i> , <b>2012</b> , 71, 1350-4	2.4	31
123	Rheumatoid arthritis-associated polymorphisms at 6q23 are associated with radiological damage in autoantibody-positive RA. <i>Journal of Rheumatology</i> , <b>2012</b> , 39, 1781-5	4.1	5
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113	Examining the overlap between genome-wide rare variant association signals and linkage peaks in rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , <b>2011</b> , 63, 1522-6		7
112	Evidence to support IL-13 as a risk locus for psoriatic arthritis but not psoriasis vulgaris. <i>Annals of the Rheumatic Diseases</i> , <b>2011</b> , 70, 1016-9	2.4	60
111	Confirmation of TNIP1 and IL23A as susceptibility loci for psoriatic arthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2011</b> , 70, 1641-4	2.4	93
110	Genetic variants within the MAP kinase signalling network and anti-TNF treatment response in rheumatoid arthritis patients. <i>Annals of the Rheumatic Diseases</i> , <b>2011</b> , 70, 98-103	2.4	48
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97	Dissection of the FCGR3A association with RA: increased association in men and with autoantibody positive disease. <i>Annals of the Rheumatic Diseases</i> , <b>2010</b> , 69, 1054-7	2.4	52
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32	TNFR2 is not associated with rheumatoid arthritis susceptibility in a Caucasian population. <i>Arthritis and Rheumatism</i> , <b>2005</b> , 52, 2579-81		7
31	Evidence for common genetic control in pathways of inflammation for Crohn's disease and psoriatic arthritis. <i>Arthritis and Rheumatism</i> , <b>2005</b> , 52, 3596-602		60
30	Characterisation of the genomic architecture of human chromosome 17q and evaluation of different methods for haplotype block definition. <i>BMC Genetics</i> , <b>2005</b> , 6, 21	2.6	8
29	The type 1 diabetes susceptibility gene SUMO4 at IDDM5 is not associated with susceptibility to rheumatoid arthritis or juvenile idiopathic arthritis. <i>Rheumatology</i> , <b>2005</b> , 44, 1390-3	3.9	13
28	Investigation of polymorphisms in the PADI4 gene in determining severity of inflammatory polyarthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2005</b> , 64, 1311-5	2.4	28
27	Polymorphisms in the tumour necrosis factor gene are not associated with severity of inflammatory polyarthritis. <i>Annals of the Rheumatic Diseases</i> , <b>2004</b> , 63, 280-4	2.4	21
26	Association of protein kinase C alpha (PRKCA) gene with multiple sclerosis in a UK population. <i>Brain</i> , <b>2004</b> , 127, 1717-22	11.2	28
25	Genetic epidemiology of psoriatic arthritis. <i>Modern Rheumatology</i> , <b>2004</b> , 14, 91-100	3.3	6
24	Investigation of susceptibility loci identified in the UK rheumatoid arthritis whole-genome scan in a further series of 217 UK affected sibling pairs. <i>Arthritis and Rheumatism</i> , <b>2004</b> , 50, 729-35		37
23	Haplotype analysis in simplex families and novel analytic approaches in a case-control cohort reveal no evidence of association of the CTLA-4 gene with rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , <b>2004</b> , 50, 748-52		48
22	A functional haplotype of the PADI4 gene associated with rheumatoid arthritis in a Japanese population is not associated in a United Kingdom population. <i>Arthritis and Rheumatism</i> , <b>2004</b> , 50, 1117-21		170
21	Evidence for a novel rheumatoid arthritis susceptibility locus on chromosome 6p. <i>Arthritis and Rheumatism</i> , <b>2004</b> , 50, 3823-30		17
20	Whole-genome scan, in a complex disease, using 11,245 single-nucleotide polymorphisms: comparison with microsatellites. <i>American Journal of Human Genetics</i> , <b>2004</b> , 75, 54-64	11	198
19	Dissection of complex genetic disease: implications for orthopaedics. <i>Clinical Orthopaedics and Related Research</i> , <b>2004</b> , 297-305	2.2	4
18	Polymorphisms in the mannose binding lectin (MBL) gene are not associated with radiographic erosions in rheumatoid or inflammatory polyarthritis. <i>Journal of Rheumatology</i> , <b>2004</b> , 31, 442-7	4.1	18
17	Genetic epidemiology of psoriatic arthritis. <i>Modern Rheumatology</i> , <b>2004</b> , 14, 91-100	3.3	2

16	Genetic variation in CCR5 does not predict clinical outcome in inflammatory arthritis. <i>Arthritis and Rheumatism</i> , <b>2003</b> , 48, 3615-6		18
15	Linkage analysis of cross-sectional and longitudinally derived phenotypic measures to identify loci influencing blood pressure. <i>BMC Genetics</i> , <b>2003</b> , 4 Suppl 1, S26	2.6	1
14	Macrophage migration inhibitory factor (MIF) gene polymorphism is associated with susceptibility to but not severity of inflammatory polyarthritis. <i>Genes and Immunity</i> , <b>2003</b> , 4, 487-91	4.4	71
13	Approaches to identifying genetic predictors of clinical outcome in rheumatoid arthritis. <i>Molecular Diagnosis and Therapy</i> , <b>2003</b> , 3, 181-91		2
12	Whole-genome linkage analysis of rheumatoid arthritis susceptibility loci in 252 affected sibling pairs in the United Kingdom. <i>Arthritis and Rheumatism</i> , <b>2002</b> , 46, 632-9		171
11	Genetic approaches to the investigation of rheumatoid arthritis. <i>Current Opinion in Rheumatology</i> , <b>2002</b> , 14, 260-9	5.3	15
10	Commentary on "Genetic linkage and transmission disequilibrium of marker haplotypes at chromosome 1q41 in human systemic lupus erythematosus", by RR Graham et al. <i>Arthritis Research</i> , <b>2002</b> , 4, 84-6		
9	Genetic epidemiology. Psoriatic arthritis. <i>Arthritis Research</i> , <b>2002</b> , 4, 247-51		12
8	The single-nucleotide polymorphism lottery: how useful are a few common SNPs in identifying disease-associated alleles?. <i>Genetic Epidemiology</i> , <b>2001</b> , 21 Suppl 1, S384-9	2.6	6
7	Association between rheumatoid arthritis and polymorphism of tumor necrosis factor receptor II, but not tumor necrosis factor receptor I, in Caucasians. <i>Arthritis and Rheumatism</i> , <b>2001</b> , 44, 61-5		104
6	High resolution linkage and association mapping identifies a novel rheumatoid arthritis susceptibility locus homologous to one linked to two rat models of inflammatory arthritis. <i>Human Molecular Genetics</i> , <b>2001</b> , 10, 1901-6	5.6	47
5	Syntenic mapping of human disease genes using animal models of autoimmunity. <i>GeneScreen</i> , <b>2000</b> , 1, 3-7		
4	A single nucleotide polymorphism in exon 1 of cytotoxic T-lymphocyte-associated-4 (CTLA-4) is not associated with rheumatoid arthritis. <i>Rheumatology</i> , <b>2000</b> , 39, 63-6	3.9	40
3	Mycobacterium marinum infection causing septic arthritis and osteomyelitis. <i>Rheumatology</i> , <b>1997</b> , 36, 1207-9	3.9	44
2	Trans-ancestry genome-wide association study identifies novel genetic mechanisms in rheumatoid arthritis		2
1	Informed dimension reduction of clinically-related genome-wide association summary data characterises cross-trait axes of genetic risk		1