John D Bowes

List of Publications by Year in Descending Order

91 papers	8,221 citations	43 h-index	90 g-index
106 ext. papers	9,576 ext. citations	9 avg, IF	4.63 L-index

#	Paper	IF	Citations
91	HLA-DRB1 haplotypes predict cardiovascular mortality in inflammatory polyarthritis independent of CRP and anti-CCP status.. *Arthritis Research and Therapy*, **2022**, 24, 90	5.7	0
90	Application of information theoretic feature selection and machine learning methods for the development of genetic risk prediction models. *Scientific Reports*, **2021**, 11, 23335	4.9	2
89	Uncovering genetic mechanisms of hypertension through multi-omic analysis of the kidney. *Nature Genetics*, **2021**, 53, 630-637	36.3	5
88	Extending the allelic spectrum at noncoding risk loci of orofacial clefting. *Human Mutation*, **2021**, 42, 1066-1078	4.7	1
87	Exploring the overlap between rheumatoid arthritis susceptibility loci and long non-coding RNA annotations. *PLoS ONE*, **2020**, 15, e0223939	3.7	1
86	Genetic feature engineering enables characterisation of shared risk factors in immune-mediated diseases. *Genome Medicine*, **2020**, 12, 106	14.4	3
85	Using functional genomics to advance the understanding of psoriatic arthritis. *Rheumatology*, **2020**, 59, 3137-3146	3.9	4
84	Genomic risk scores for juvenile idiopathic arthritis and its subtypes. *Annals of the Rheumatic Diseases*, **2020**, 79, 1572-1579	2.4	3
83	Combined genetic analysis of juvenile idiopathic arthritis clinical subtypes identifies novel risk loci, target genes and key regulatory mechanisms. *Annals of the Rheumatic Diseases*, **2020**,	2.4	10
82	Exploring the overlap between rheumatoid arthritis susceptibility loci and long non-coding RNA annotations **2020**, 15, e0223939		
81	Exploring the overlap between rheumatoid arthritis susceptibility loci and long non-coding RNA annotations **2020**, 15, e0223939		
80	Exploring the overlap between rheumatoid arthritis susceptibility loci and long non-coding RNA annotations **2020**, 15, e0223939		
79	Exploring the overlap between rheumatoid arthritis susceptibility loci and long non-coding RNA annotations **2020**, 15, e0223939		
78	Focused HLA analysis in Caucasians with myositis identifies significant associations with autoantibody subgroups. *Annals of the Rheumatic Diseases*, **2019**, 78, 996-1002	2.4	48
77	Brief Report: The Genetic Profile of Rheumatoid Factor-Positive Polyarticular Juvenile Idiopathic Arthritis Resembles That of Adult Rheumatoid Arthritis. *Arthritis and Rheumatology*, **2018**, 70, 957-962	9.5	37
76	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. *Rheumatology*, **2018**, 57, 2172-2182	3.9	21
75	Molecular insights into genome-wide association studies of chronic kidney disease-defining traits. *Nature Communications*, **2018**, 9, 4800	17.4	32

74	Immune-Array Analysis in Sporadic Inclusion Body Myositis Reveals HLA-DRB1 Amino Acid Heterogeneity Across the Myositis Spectrum. *Arthritis and Rheumatology*, **2017**, 69, 1090-1099	9.5	24
73	Imputation of orofacial clefting data identifies novel risk loci and sheds light on the genetic background of cleft lip cleft palate and cleft palate only. *Human Molecular Genetics*, **2017**, 26, 829-842	5.6	55
72	A rare coding allele in is protective for psoriatic arthritis. *Annals of the Rheumatic Diseases*, **2017**, 76, 1321-1324	2.4	10
71	Fine-mapping the MHC locus in juvenile idiopathic arthritis (JIA) reveals genetic heterogeneity corresponding to distinct adult inflammatory arthritic diseases. *Annals of the Rheumatic Diseases*, **2017**, 76, 765-772	2.4	60
70	Cross-phenotype association mapping of the MHC identifies genetic variants that differentiate psoriatic arthritis from psoriasis. *Annals of the Rheumatic Diseases*, **2017**, 76, 1774-1779	2.4	36
69	and are disease-specific biomarkers for psoriatic arthritis susceptibility. *Oncotarget*, **2017**, 8, 95401-95413	5.3	8
68	Replication of a distinct psoriatic arthritis risk variant at the IL23R locus. *Annals of the Rheumatic Diseases*, **2016**, 75, 1417-8	2.4	5
67	Identifying a novel locus for psoriatic arthritis. *Rheumatology*, **2016**, 55, 25-32	3.9	8
66	Dense genotyping of immune-related loci in idiopathic inflammatory myopathies confirms HLA alleles as the strongest genetic risk factor and suggests different genetic background for major clinical subgroups. *Annals of the Rheumatic Diseases*, **2016**, 75, 1558-66	2.4	85
65	Major histocompatibility complex harbors widespread genotypic variability of non-additive risk of rheumatoid arthritis including epistasis. *Scientific Reports*, **2016**, 6, 25014	4.9	11
64	Replication of Associations of Genetic Loci Outside the HLA Region With Susceptibility to Anti-Cyclic Citrullinated Peptide-Negative Rheumatoid Arthritis. *Arthritis and Rheumatology*, **2016**, 68, 1603-13	9.5	24
63	High-density genotyping of immune loci in Koreans and Europeans identifies eight new rheumatoid arthritis risk loci. *Annals of the Rheumatic Diseases*, **2015**, 74, e13	2.4	76
62	A weighted genetic risk score using all known susceptibility variants to estimate rheumatoid arthritis risk. *Annals of the Rheumatic Diseases*, **2015**, 74, 170-6	2.4	43
61	Dense genotyping of immune-related susceptibility loci reveals new insights into the genetics of psoriatic arthritis. *Nature Communications*, **2015**, 6, 6046	17.4	103
60	Statistical colocalization of genetic risk variants for related autoimmune diseases in the context of common controls. *Nature Genetics*, **2015**, 47, 839-46	36.3	97
59	PTPN22 is associated with susceptibility to psoriatic arthritis but not psoriasis: evidence for a further PsA-specific risk locus. *Annals of the Rheumatic Diseases*, **2015**, 74, 1882-5	2.4	49
58	TYK2 protein-coding variants protect against rheumatoid arthritis and autoimmunity, with no evidence of major pleiotropic effects on non-autoimmune complex traits. *PLoS ONE*, **2015**, 10, e0122271	3.7	77
57	Novel rheumatoid arthritis susceptibility locus at 22q12 identified in an extended UK genome-wide association study. *Arthritis and Rheumatology*, **2014**, 66, 24-30	9.5	36

56	Genetics of rheumatoid arthritis contributes to biology and drug discovery. *Nature*, **2014**, 506, 376-81	50.4	1426
55	Fine mapping seronegative and seropositive rheumatoid arthritis to shared and distinct HLA alleles by adjusting for the effects of heterogeneity. *American Journal of Human Genetics*, **2014**, 94, 522-32	11	132
54	Polymorphisms in IL-1B distinguish between psoriasis of early and late onset. *Journal of Investigative Dermatology*, **2014**, 134, 1459-1462	4.3	19
53	Enrichment of vitamin D response elements in RA-associated loci supports a role for vitamin D in the pathogenesis of RA. *Genes and Immunity*, **2013**, 14, 325-9	4.4	13
52	Exploring ankylosing spondylitis-associated ERAP1, IL23R and IL12B gene polymorphisms in subphenotypes of psoriatic arthritis. *Rheumatology*, **2013**, 52, 261-6	3.9	30
51	An investigation of rheumatoid arthritis loci in patients with early-onset psoriasis validates association of the REL gene. *British Journal of Dermatology*, **2013**, 168, 864-6	4	10
50	Rare, low-frequency, and common variants in the protein-coding sequence of biological candidate genes from GWASs contribute to risk of rheumatoid arthritis. *American Journal of Human Genetics*, **2013**, 92, 15-27	11	72
49	Dense genotyping of immune-related disease regions identifies 14 new susceptibility loci for juvenile idiopathic arthritis. *Nature Genetics*, **2013**, 45, 664-9	36.3	256
48	Human genetics in rheumatoid arthritis guides a high-throughput drug screen of the CD40 signaling pathway. *PLoS Genetics*, **2013**, 9, e1003487	6	45
47	Identification of BACH2 and RAD51B as rheumatoid arthritis susceptibility loci in a meta-analysis of genome-wide data. *Arthritis and Rheumatism*, **2013**, 65, 3058-62		35
46	Variants in RUNX3 contribute to susceptibility to psoriatic arthritis, exhibiting further common ground with ankylosing spondylitis. *Arthritis and Rheumatism*, **2013**, 65, 1224-31		56
45	High-density genetic mapping identifies new susceptibility loci for rheumatoid arthritis. *Nature Genetics*, **2012**, 44, 1336-40	36.3	436
44	Investigation of IL1, VEGF, PPARG and MEFV genes in psoriatic arthritis susceptibility. *Annals of the Rheumatic Diseases*, **2012**, 71, 313-4	2.4	11
43	Genetic susceptibility to psoriasis and psoriatic arthritis: implications for therapy. *British Journal of Dermatology*, **2012**, 166, 474-82	4	48
42	Genetic markers of rheumatoid arthritis susceptibility in anti-citrullinated peptide antibody negative patients. *Annals of the Rheumatic Diseases*, **2012**, 71, 1984-90	2.4	78
41	Investigation of rheumatoid arthritis susceptibility loci in juvenile idiopathic arthritis confirms high degree of overlap. *Annals of the Rheumatic Diseases*, **2012**, 71, 1117-21	2.4	36
40	Comprehensive assessment of rheumatoid arthritis susceptibility loci in a large psoriatic arthritis cohort. *Annals of the Rheumatic Diseases*, **2012**, 71, 1350-4	2.4	31
39	Genome-wide association study of genetic predictors of anti-tumor necrosis factor treatment efficacy in rheumatoid arthritis identifies associations with polymorphisms at seven loci. *Arthritis and Rheumatism*, **2011**, 63, 645-53		124

38	Examining the overlap between genome-wide rare variant association signals and linkage peaks in rheumatoid arthritis. *Arthritis and Rheumatism*, **2011**, 63, 1522-6		7
37	Evidence to support IL-13 as a risk locus for psoriatic arthritis but not psoriasis vulgaris. *Annals of the Rheumatic Diseases*, **2011**, 70, 1016-9	2.4	60
36	Confirmation of TNIP1 and IL23A as susceptibility loci for psoriatic arthritis. *Annals of the Rheumatic Diseases*, **2011**, 70, 1641-4	2.4	93
35	Study of the common genetic background for rheumatoid arthritis and systemic lupus erythematosus. *Annals of the Rheumatic Diseases*, **2011**, 70, 463-8	2.4	107
34	Genome-wide association study of CNVs in 16,000 cases of eight common diseases and 3,000 shared controls. *Nature*, **2010**, 464, 713-20	50.4	639
33	Genome-wide association study meta-analysis identifies seven new rheumatoid arthritis risk loci. *Nature Genetics*, **2010**, 42, 508-14	36.3	969
32	Common variants at TRAF3IP2 are associated with susceptibility to psoriatic arthritis and psoriasis. *Nature Genetics*, **2010**, 42, 996-9	36.3	294
31	Combined effects of three independent SNPs greatly increase the risk estimate for RA at 6q23. *Human Molecular Genetics*, **2010**, 19, 4544-4544	5.6	78
30	PADI4 genotype is not associated with rheumatoid arthritis in a large UK Caucasian population. *Annals of the Rheumatic Diseases*, **2010**, 69, 666-70	2.4	57
29	Identification of AF4/FMR2 family, member 3 (AFF3) as a novel rheumatoid arthritis susceptibility locus and confirmation of two further pan-autoimmune susceptibility genes. *Human Molecular Genetics*, **2010**, 19, 4543-4543	5.6	78
28	Investigation of type 1 diabetes and coeliac disease susceptibility loci for association with juvenile idiopathic arthritis. *Annals of the Rheumatic Diseases*, **2010**, 69, 2169-72	2.4	29
27	Variants in linkage disequilibrium with the late cornified envelope gene cluster deletion are associated with susceptibility to psoriatic arthritis. *Annals of the Rheumatic Diseases*, **2010**, 69, 2199-203	2.4	35
26	Overlapping genetic susceptibility variants between three autoimmune disorders: rheumatoid arthritis, type 1 diabetes and coeliac disease. *Arthritis Research and Therapy*, **2010**, 12, R175	5.7	79
25	Polymorphisms spanning the TNFR2 and TACE genes do not contribute towards variable anti-TNF treatment response. *Pharmacogenetics and Genomics*, **2010**, 20, 338-41	1.9	10
24	Rare variation at the TNFAIP3 locus and susceptibility to rheumatoid arthritis. *Human Genetics*, **2010**, 128, 627-33	6.3	27
23	The genetics of psoriatic arthritis: lessons from genome-wide association studies. *Discovery Medicine*, **2010**, 10, 177-83	2.5	23
22	Identification of AF4/FMR2 family, member 3 (AFF3) as a novel rheumatoid arthritis susceptibility locus and confirmation of two further pan-autoimmune susceptibility genes. *Human Molecular Genetics*, **2009**, 18, 2518-22	5.6	70
21	Combined effects of three independent SNPs greatly increase the risk estimate for RA at 6q23. *Human Molecular Genetics*, **2009**, 18, 2693-9	5.6	77

20	Investigating the viability of genetic screening/testing for RA susceptibility using combinations of five confirmed risk loci. *Rheumatology*, **2009**, 48, 1369-74	3.9	15
19	Identification of a novel susceptibility locus for juvenile idiopathic arthritis by genome-wide association analysis. *Arthritis and Rheumatism*, **2009**, 60, 258-63		60
18	Association of the IL2RA/CD25 gene with juvenile idiopathic arthritis. *Arthritis and Rheumatism*, **2009**, 60, 251-7		73
17	Reevaluation of the interaction between HLA-DRB1 shared epitope alleles, PTPN22, and smoking in determining susceptibility to autoantibody-positive and autoantibody-negative rheumatoid arthritis in a large UK Caucasian population. *Arthritis and Rheumatism*, **2009**, 60, 2565-76		79
16	Genetic variants at CD28, PRDM1 and CD2/CD58 are associated with rheumatoid arthritis risk. *Nature Genetics*, **2009**, 41, 1313-8	36.3	272
15	A re-evaluation of three putative functional single nucleotide polymorphisms in rheumatoid arthritis. *Annals of the Rheumatic Diseases*, **2009**, 68, 1373-5	2.4	13
14	Investigation of genetic variants within candidate genes of the TNFRSF1B signalling pathway on the response to anti-TNF agents in a UK cohort of rheumatoid arthritis patients. *Pharmacogenetics and Genomics*, **2009**, 19, 319-23	1.9	26
13	Rheumatoid arthritis susceptibility loci at chromosomes 10p15, 12q13 and 22q13. *Nature Genetics*, **2008**, 40, 1156-9	36.3	125
12	Association of the FCRL3 gene with rheumatoid arthritis: a further example of population specificity?. *Arthritis Research and Therapy*, **2008**, 10, 405	5.7	78
11	Re-evaluation of putative rheumatoid arthritis susceptibility genes in the post-genome wide association study era and hypothesis of a key pathway underlying susceptibility. *Human Molecular Genetics*, **2008**, 17, 2274-9	5.6	121
10	Recent advances in the genetics of RA susceptibility. *Rheumatology*, **2008**, 47, 399-402	3.9	124
9	Rheumatoid arthritis association at 6q23. *Nature Genetics*, **2007**, 39, 1431-3	36.3	328
8	Investigation of the MHC2TA gene, associated with rheumatoid arthritis in a Swedish population, in a UK rheumatoid arthritis cohort. *Arthritis and Rheumatism*, **2006**, 54, 3417-22		20
7	Association of the FCRL3 gene with rheumatoid arthritis: a further example of population specificity?. *Arthritis Research and Therapy*, **2006**, 8, R117	5.7	27
6	Investigation of the SLC22A4 gene (associated with rheumatoid arthritis in a Japanese population) in a United Kingdom population of rheumatoid arthritis patients. *Arthritis and Rheumatism*, **2005**, 52, 752-8		31
5	Investigation of polymorphisms in the PADI4 gene in determining severity of inflammatory polyarthritis. *Annals of the Rheumatic Diseases*, **2005**, 64, 1311-5	2.4	28
4	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. *Arthritis and Rheumatism*, **2004**, 50, 748-52		48
3	A functional haplotype of the PADI4 gene associated with rheumatoid arthritis in a Japanese population is not associated in a United Kingdom population. *Arthritis and Rheumatism*, **2004**, 50, 1117-21		170

List of Publications

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