John D Bowes

List of Publications by Citations

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	Genetics of rheumatoid arthritis contributes to biology and drug discovery. *Nature*, **2014**, 506, 376-81	50.4	1426
90	Genome-wide association study meta-analysis identifies seven new rheumatoid arthritis risk loci. *Nature Genetics*, **2010**, 42, 508-14	36.3	969
89	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
88	High-density genetic mapping identifies new susceptibility loci for rheumatoid arthritis. *Nature Genetics*, **2012**, 44, 1336-40	36.3	436
87	Rheumatoid arthritis association at 6q23. *Nature Genetics*, **2007**, 39, 1431-3	36.3	328
86	Common variants at TRAF3IP2 are associated with susceptibility to psoriatic arthritis and psoriasis. *Nature Genetics*, **2010**, 42, 996-9	36.3	294
85	Genetic variants at CD28, PRDM1 and CD2/CD58 are associated with rheumatoid arthritis risk. *Nature Genetics*, **2009**, 41, 1313-8	36.3	272
84	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
83	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
82	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
81	Rheumatoid arthritis susceptibility loci at chromosomes 10p15, 12q13 and 22q13. *Nature Genetics*, **2008**, 40, 1156-9	36.3	125
80	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
79	Recent advances in the genetics of RA susceptibility. *Rheumatology*, **2008**, 47, 399-402	3.9	124
78	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
77	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
76	Dense genotyping of immune-related susceptibility loci reveals new insights into the genetics of psoriatic arthritis. *Nature Communications*, **2015**, 6, 6046	17.4	103
75	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

74	Confirmation of TNIP1 and IL23A as susceptibility loci for psoriatic arthritis. *Annals of the Rheumatic Diseases*, **2011**, 70, 1641-4	2.4	93
73	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
72	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
71	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
70	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
69	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
68	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
67	Association of the FCRL3 gene with rheumatoid arthritis: a further example of population specificity?. *Arthritis Research and Therapy*, **2008**, 10, 405	5.7	78
66	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
65	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
64	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
63	Association of the IL2RA/CD25 gene with juvenile idiopathic arthritis. *Arthritis and Rheumatism*, **2009**, 60, 251-7		73
62	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
61	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
60	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
59	Identification of a novel susceptibility locus for juvenile idiopathic arthritis by genome-wide association analysis. *Arthritis and Rheumatism*, **2009**, 60, 258-63		60
58	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
57	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

56	Variants in RUNX3 contribute to susceptibility to psoriatic arthritis, exhibiting further common ground with ankylosing spondylitis. *Arthritis and Rheumatism*, **2013**, 65, 1224-31		56
55	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
54	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
53	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
52	Genetic susceptibility to psoriasis and psoriatic arthritis: implications for therapy. *British Journal of Dermatology*, **2012**, 166, 474-82	4	48
51	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
50	Human genetics in rheumatoid arthritis guides a high-throughput drug screen of the CD40 signaling pathway. *PLoS Genetics*, **2013**, 9, e1003487	6	45
49	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
48	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
47	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
46	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
45	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
44	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
43	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
42	Molecular insights into genome-wide association studies of chronic kidney disease-defining traits. *Nature Communications*, **2018**, 9, 4800	17.4	32
41	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
40	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
39	Exploring ankylosing spondylitis-associated ERAP1, IL23R and IL12B gene polymorphisms in subphenotypes of psoriatic arthritis. *Rheumatology*, **2013**, 52, 261-6	3.9	30

38	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
37	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
36	Rare variation at the TNFAIP3 locus and susceptibility to rheumatoid arthritis. *Human Genetics*, **2010**, 128, 627-33	6.3	27
35	Association of the FCRL3 gene with rheumatoid arthritis: a further example of population specificity?. *Arthritis Research and Therapy*, **2006**, 8, R117	5.7	27
34	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
33	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
32	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
31	The genetics of psoriatic arthritis: lessons from genome-wide association studies. *Discovery Medicine*, **2010**, 10, 177-83	2.5	23
30	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
29	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
28	Polymorphisms in IL-1B distinguish between psoriasis of early and late onset. *Journal of Investigative Dermatology*, **2014**, 134, 1459-1462	4.3	19
27	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
26	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
25	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
24	Investigation of IL1, VEGF, PPARG and MEFV genes in psoriatic arthritis susceptibility. *Annals of the Rheumatic Diseases*, **2012**, 71, 313-4	2.4	11
23	Major histocompatibility complex harbors widespread genotypic variability of non-additive risk of rheumatoid arthritis including epistasis. *Scientific Reports*, **2016**, 6, 25014	4.9	11
22	A rare coding allele in is protective for psoriatic arthritis. *Annals of the Rheumatic Diseases*, **2017**, 76, 1321-1324	2.4	10
21	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

20	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
19	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
18	Identifying a novel locus for psoriatic arthritis. *Rheumatology*, **2016**, 55, 25-32	3.9	8
17	and are disease-specific biomarkers for psoriatic arthritis susceptibility. *Oncotarget*, **2017**, 8, 95401-95413	3.3	8
16	Examining the overlap between genome-wide rare variant association signals and linkage peaks in rheumatoid arthritis. *Arthritis and Rheumatism*, **2011**, 63, 1522-6		7
15	Replication of a distinct psoriatic arthritis risk variant at the IL23R locus. *Annals of the Rheumatic Diseases*, **2016**, 75, 1417-8	2.4	5
14	Uncovering genetic mechanisms of hypertension through multi-omic analysis of the kidney. *Nature Genetics*, **2021**, 53, 630-637	36.3	5
13	Using functional genomics to advance the understanding of psoriatic arthritis. *Rheumatology*, **2020**, 59, 3137-3146	3.9	4
12	Genetic feature engineering enables characterisation of shared risk factors in immune-mediated diseases. *Genome Medicine*, **2020**, 12, 106	14.4	3
11	Genomic risk scores for juvenile idiopathic arthritis and its subtypes. *Annals of the Rheumatic Diseases*, **2020**, 79, 1572-1579	2.4	3
10	Trans-ancestry genome-wide association study identifies novel genetic mechanisms in rheumatoid arthritis		2
9	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
8	Exploring the overlap between rheumatoid arthritis susceptibility loci and long non-coding RNA annotations. *PLoS ONE*, **2020**, 15, e0223939	3.7	1
7	Informed dimension reduction of clinically-related genome-wide association summary data characterises cross-trait axes of genetic risk		1
6	Extending the allelic spectrum at noncoding risk loci of orofacial clefting. *Human Mutation*, **2021**, 42, 1066-1078	4.7	1
5	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
4	Exploring the overlap between rheumatoid arthritis susceptibility loci and long non-coding RNA annotations **2020**, 15, e0223939		
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List of Publications

2 Exploring the overlap between rheumatoid arthritis susceptibility loci and long non-coding RNA annotations **2020**, 15, e0223939

1 Exploring the overlap between rheumatoid arthritis susceptibility loci and long non-coding RNA annotations **2020**, 15, e0223939