Matthew A Brown

List of Publications by Citations

492 papers	59,009 citations	93 h-index	237 g-index
532 ext. papers	68,065 ext. citations	9.3 avg, IF	8 L-index

#	Paper	IF	Citations
492	Genome-wide association study of 14,000 cases of seven common diseases and 3,000 shared controls. *Nature*, **2007**, 447, 661-78	50.4	7801
491	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. *Nature Genetics*, **2010**, 42, 937-48	36.3	2267
490	Genetic risk and a primary role for cell-mediated immune mechanisms in multiple sclerosis. *Nature*, **2011**, 476, 214-9	50.4	1948
489	Replication of genome-wide association signals in UK samples reveals risk loci for type 2 diabetes. *Science*, **2007**, 316, 1336-41	33.3	1823
488	10 Years of GWAS Discovery: Biology, Function, and Translation. *American Journal of Human Genetics*, **2017**, 101, 5-22	11	1651
487	Five years of GWAS discovery. *American Journal of Human Genetics*, **2012**, 90, 7-24	11	1635
486	Genome-wide association study identifies five new schizophrenia loci. *Nature Genetics*, **2011**, 43, 969-76	36.3	1508
485	Genetics of rheumatoid arthritis contributes to biology and drug discovery. *Nature*, **2014**, 506, 376-81	50.4	1426
484	Zoledronic acid and clinical fractures and mortality after hip fracture. *New England Journal of Medicine*, **2007**, 357, 1799-809	59.2	1410
483	Six new loci associated with body mass index highlight a neuronal influence on body weight regulation. *Nature Genetics*, **2009**, 41, 25-34	36.3	1368
482	Robust associations of four new chromosome regions from genome-wide analyses of type 1 diabetes. *Nature Genetics*, **2007**, 39, 857-64	36.3	1159
481	Genome-wide association analysis identifies 13 new risk loci for schizophrenia. *Nature Genetics*, **2013**, 45, 1150-9	36.3	1153
480	Association scan of 14,500 nonsynonymous SNPs in four diseases identifies autoimmunity variants. *Nature Genetics*, **2007**, 39, 1329-37	36.3	1130
479	Common variants near MC4R are associated with fat mass, weight and risk of obesity. *Nature Genetics*, **2008**, 40, 768-75	36.3	1048
478	Genome-wide association study identifies eight loci associated with blood pressure. *Nature Genetics*, **2009**, 41, 666-76	36.3	970
477	Sequence variants in the autophagy gene IRGM and multiple other replicating loci contribute to Crohn's disease susceptibility. *Nature Genetics*, **2007**, 39, 830-2	36.3	933
476	New genetic loci link adipose and insulin biology to body fat distribution. *Nature*, **2015**, 518, 187-196	50.4	920

475	Genome-wide meta-analysis identifies 56 bone mineral density loci and reveals 14 loci associated with risk of fracture. *Nature Genetics*, **2012**, 44, 491-501	36.3	866
474	A recurrent mutation in the BMP type I receptor ACVR1 causes inherited and sporadic fibrodysplasia ossificans progressiva. *Nature Genetics*, **2006**, 38, 525-7	36.3	856
473	A genome-wide association study identifies new psoriasis susceptibility loci and an interaction between HLA-C and ERAP1. *Nature Genetics*, **2010**, 42, 985-90	36.3	773
472	Identification of 15 new psoriasis susceptibility loci highlights the role of innate immunity. *Nature Genetics*, **2012**, 44, 1341-8	36.3	681
471	Interaction between ERAP1 and HLA-B27 in ankylosing spondylitis implicates peptide handling in the mechanism for HLA-B27 in disease susceptibility. *Nature Genetics*, **2011**, 43, 761-7	36.3	646
470	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
469	Identification of multiple risk variants for ankylosing spondylitis through high-density genotyping of immune-related loci. *Nature Genetics*, **2013**, 45, 730-8	36.3	551
468	Genome-wide association study of ankylosing spondylitis identifies non-MHC susceptibility loci. *Nature Genetics*, **2010**, 42, 123-7	36.3	484
467	Susceptibility to ankylosing spondylitis in twins: the role of genes, HLA, and the environment. *Arthritis and Rheumatism*, **1997**, 40, 1823-8		479
466	Genome-wide association study identifies new multiple sclerosis susceptibility loci on chromosomes 12 and 20. *Nature Genetics*, **2009**, 41, 824-8	36.3	432
465	Localization of type 1 diabetes susceptibility to the MHC class I genes HLA-B and HLA-A. *Nature*, **2007**, 450, 887-92	50.4	421
464	Genome-wide association study of ulcerative colitis identifies three new susceptibility loci, including the HNF4A region. *Nature Genetics*, **2009**, 41, 1330-4	36.3	411
463	Analysis of five chronic inflammatory diseases identifies 27 new associations and highlights disease-specific patterns at shared loci. *Nature Genetics*, **2016**, 48, 510-8	36.3	404
462	Genetic insights into common pathways and complex relationships among immune-mediated diseases. *Nature Reviews Genetics*, **2013**, 14, 661-73	30.1	394
461	Promise and pitfalls of the Immunochip. *Arthritis Research and Therapy*, **2011**, 13, 101	5.7	362
460	Genomic Dissection of Bipolar Disorder and Schizophrenia, Including 28 Subphenotypes. *Cell*, **2018**, 173, 1705-1715.e16	56.2	360
459	Efficacy and safety of adalimumab in patients with non-radiographic axial spondyloarthritis: results of a randomised placebo-controlled trial (ABILITY-1). *Annals of the Rheumatic Diseases*, **2013**, 72, 815-22	2.4	347
458	Bayesian refinement of association signals for 14 loci in 3 common diseases. *Nature Genetics*, **2012**, 44, 1294-301	36.3	347

457	Genome-wide association study identifies susceptibility loci for open angle glaucoma at TMCO1 and CDKN2B-AS1. *Nature Genetics*, **2011**, 43, 574-8	36.3	329
456	Common variants near ATM are associated with glycemic response to metformin in type 2 diabetes. *Nature Genetics*, **2011**, 43, 117-20	36.3	319
455	Genome-wide association study identifies a variant in HDAC9 associated with large vessel ischemic stroke. *Nature Genetics*, **2012**, 44, 328-33	36.3	314
454	Whole-genome sequencing identifies EN1 as a determinant of bone density and fracture. *Nature*, **2015**, 526, 112-7	50.4	308
453	Identification of IL6R and chromosome 11q13.5 as risk loci for asthma. *Lancet, The*, **2011**, 378, 1006-14	40	298
452	Genome-wide meta-analysis identifies novel multiple sclerosis susceptibility loci. *Annals of Neurology*, **2011**, 70, 897-912	9.4	263
451	Brief Report: Intestinal Dysbiosis in Ankylosing Spondylitis. *Arthritis and Rheumatology*, **2015**, 67, 686-691	9.5	252
450	Comprehensive Rare Variant Analysis via Whole-Genome Sequencing to Determine the Molecular Pathology of Inherited Retinal Disease. *American Journal of Human Genetics*, **2017**, 100, 75-90	11	235
449	Genome-wide mapping of human loci for essential hypertension. *Lancet, The*, **2003**, 361, 2118-23	40	216
448	Whole-genome screening in ankylosing spondylitis: evidence of non-MHC genetic-susceptibility loci. *American Journal of Human Genetics*, **2001**, 68, 918-26	11	200
447	Genome-wide association study using extreme truncate selection identifies novel genes affecting bone mineral density and fracture risk. *PLoS Genetics*, **2011**, 7, e1001372	6	199
446	A review of the MHC genetics of rheumatoid arthritis. *Genes and Immunity*, **2004**, 5, 151-7	4.4	195
445	WNT16 influences bone mineral density, cortical bone thickness, bone strength, and osteoporotic fracture risk. *PLoS Genetics*, **2012**, 8, e1002745	6	192
444	Mosaic PPM1D mutations are associated with predisposition to breast and ovarian cancer. *Nature*, **2013**, 493, 406-10	50.4	191
443	Recurrence risk modelling of the genetic susceptibility to ankylosing spondylitis. *Annals of the Rheumatic Diseases*, **2000**, 59, 883-6	2.4	187
442	Enrichment of circulating interleukin-17-secreting interleukin-23 receptor-positive γδ T cells in patients with active ankylosing spondylitis. *Arthritis and Rheumatism*, **2012**, 64, 1420-9		182
441	Crystal structures of the endoplasmic reticulum aminopeptidase-1 (ERAP1) reveal the molecular basis for N-terminal peptide trimming. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 7745-50	11.5	181
440	Dissection of the genetics of Parkinson's disease identifies an additional association 5' of SNCA and multiple associated haplotypes at 17q21. *Human Molecular Genetics*, **2011**, 20, 345-53	5.6	178

439	HLA class I associations of ankylosing spondylitis in the white population in the United Kingdom. *Annals of the Rheumatic Diseases*, **1996**, 55, 268-70	2.4	178
438	Common variants at 12q14 and 12q24 are associated with hippocampal volume. *Nature Genetics*, **2012**, 44, 545-51	36.3	175
437	β-glucan triggers spondylarthritis and Crohn's disease-like ileitis in SKG mice. *Arthritis and Rheumatism*, **2012**, 64, 2211-22		171
436	Whole-genome linkage analysis of rheumatoid arthritis susceptibility loci in 252 affected sibling pairs in the United Kingdom. *Arthritis and Rheumatism*, **2002**, 46, 632-9		171
435	Major histocompatibility complex associations of ankylosing spondylitis are complex and involve further epistasis with ERAP1. *Nature Communications*, **2015**, 6, 7146	17.4	164
434	Association of variants at 1q32 and STAT3 with ankylosing spondylitis suggests genetic overlap with Crohn's disease. *PLoS Genetics*, **2010**, 6, e1001195	6	162
433	Pharmacogenetic meta-analysis of genome-wide association studies of LDL cholesterol response to statins. *Nature Communications*, **2014**, 5, 5068	17.4	160
432	Genetics of ankylosing spondylitis--insights into pathogenesis. *Nature Reviews Rheumatology*, **2016**, 12, 81-91	8.1	156
431	Defects in the IFT-B component IFT172 cause Jeune and Mainzer-Saldino syndromes in humans. *American Journal of Human Genetics*, **2013**, 93, 915-25	11	155
430	Immunochip analysis identifies multiple susceptibility loci for systemic sclerosis. *American Journal of Human Genetics*, **2014**, 94, 47-61	11	151
429	Interleukin-23 mediates the intestinal response to microbial β-1,3-glucan and the development of spondyloarthritis pathology in SKG mice. *Arthritis and Rheumatology*, **2014**, 66, 1755-67	9.5	148
428	Pathogenesis of ankylosing spondylitis - recent advances and future directions. *Nature Reviews Rheumatology*, **2017**, 13, 359-367	8.1	143
427	Genome-wide association analysis identifies 11 risk variants associated with the asthma with hay fever phenotype. *Journal of Allergy and Clinical Immunology*, **2014**, 133, 1564-71	11.5	143
426	Common variants near ABCA1, AFAP1 and GMDS confer risk of primary open-angle glaucoma. *Nature Genetics*, **2014**, 46, 1120-1125	36.3	141
425	Genome-wide association study to identify genetic determinants of severe asthma. *Thorax*, **2012**, 67, 762-8	7.3	139
424	Common variants at the MHC locus and at chromosome 16q24.1 predispose to Barrett's esophagus. *Nature Genetics*, **2012**, 44, 1131-6	36.3	139
423	Progress in spondylarthritis. Mechanisms of new bone formation in spondyloarthritis. *Arthritis Research and Therapy*, **2009**, 11, 221	5.7	137
422	Genetic analyses in a sample of individuals with high or low BMD shows association with multiple Wnt pathway genes. *Journal of Bone and Mineral Research*, **2008**, 23, 499-506	6.3	127

421	Common variants at 6p21.1 are associated with large artery atherosclerotic stroke. *Nature Genetics*, **2012**, 44, 1147-51	36.3	126
420	Update on ankylosing spondylitis: current concepts in pathogenesis. *Current Allergy and Asthma Reports*, **2015**, 15, 489	5.6	120
419	Genetics and genomics of ankylosing spondylitis. *Immunological Reviews*, **2010**, 233, 162-80	11.3	117
418	Association of ERAP1, but not IL23R, with ankylosing spondylitis in a Han Chinese population. *Arthritis and Rheumatism*, **2009**, 60, 3263-8		116
417	Risk for ACPA-positive rheumatoid arthritis is driven by shared HLA amino acid polymorphisms in Asian and European populations. *Human Molecular Genetics*, **2014**, 23, 6916-26	5.6	114
416	NAD Deficiency, Congenital Malformations, and Niacin Supplementation. *New England Journal of Medicine*, **2017**, 377, 544-552	59.2	114
415	Assessment of the genetic and clinical determinants of fracture risk: genome wide association and mendelian randomisation study. *BMJ, The*, **2018**, 362, k3225	5.9	114
414	Multistage genome-wide association meta-analyses identified two new loci for bone mineral density. *Human Molecular Genetics*, **2014**, 23, 1923-33	5.6	113
413	Investigating the genetic association between ERAP1 and ankylosing spondylitis. *Human Molecular Genetics*, **2009**, 18, 4204-12	5.6	110
412	Loss-of-function nuclear factor B subunit 1 (NFKB1) variants are the most common monogenic cause of common variable immunodeficiency in Europeans. *Journal of Allergy and Clinical Immunology*, **2018**, 142, 1285-1296	11.5	109
411	The interleukin 1 gene cluster contains a major susceptibility locus for ankylosing spondylitis. *American Journal of Human Genetics*, **2004**, 75, 587-95	11	109
410	Influence of LRP5 polymorphisms on normal variation in BMD. *Journal of Bone and Mineral Research* , **2004**, 19, 1619-27	6.3	108
409	Suggestive linkage of the parathyroid receptor type 1 to osteoporosis. *Journal of Bone and Mineral Research*, **1999**, 14, 1993-9	6.3	108
408	Common variants in the region around Osterix are associated with bone mineral density and growth in childhood. *Human Molecular Genetics*, **2009**, 18, 1510-7	5.6	107
407	Genetic studies of disorders of calcium crystal deposition. *British Journal of Rheumatology*, **2002**, 41, 725-9		106
406	Autosomal dominant familial calcium pyrophosphate dihydrate deposition disease is caused by mutation in the transmembrane protein ANKH. *American Journal of Human Genetics*, **2002**, 71, 985-91	11	104
405	Dense genotyping of immune-related susceptibility loci reveals new insights into the genetics of psoriatic arthritis. *Nature Communications*, **2015**, 6, 6046	17.4	103
404	The multiple sclerosis whole blood mRNA transcriptome and genetic associations indicate dysregulation of specific T cell pathways in pathogenesis. *Human Molecular Genetics*, **2010**, 19, 2134-43	5.6	103

403	Mutation of perinatal myosin heavy chain associated with a Carney complex variant. *New England Journal of Medicine*, **2004**, 351, 460-9	59.2	101
402	Genetics of ankylosing spondylitis. *Molecular Immunology*, **2014**, 57, 2-11	4.3	96
401	Breakthroughs in genetic studies of ankylosing spondylitis. *Rheumatology*, **2008**, 47, 132-7	3.9	96
400	Is disease severity in ankylosing spondylitis genetically determined?. *Arthritis and Rheumatism*, **2001**, 44, 1396-400		96
399	Short-rib polydactyly and Jeune syndromes are caused by mutations in WDR60. *American Journal of Human Genetics*, **2013**, 93, 515-23	11	92
398	Genome-wide association studies of asthma in population-based cohorts confirm known and suggested loci and identify an additional association near HLA. *PLoS ONE*, **2012**, 7, e44008	3.7	89
397	Association between the interleukin 23 receptor and ankylosing spondylitis is confirmed by a new UK case-control study and meta-analysis of published series. *Rheumatology*, **2009**, 48, 386-9	3.9	87
396	Association of STAT3 and TNFRSF1A with ankylosing spondylitis in Han Chinese. *Annals of the Rheumatic Diseases*, **2011**, 70, 289-92	2.4	86
395	Prospective meta-analysis of interleukin 1 gene complex polymorphisms confirms associations with ankylosing spondylitis. *Annals of the Rheumatic Diseases*, **2008**, 67, 1305-9	2.4	85
394	Mutations in the gene encoding IFT dynein complex component WDR34 cause Jeune asphyxiating thoracic dystrophy. *American Journal of Human Genetics*, **2013**, 93, 932-44	11	84
393	Ankylosing spondylitis in West Africans--evidence for a non-HLA-B27 protective effect. *Annals of the Rheumatic Diseases*, **1997**, 56, 68-70	2.4	84
392	Cardiometabolic effects of genetic upregulation of the interleukin 1 receptor antagonist: a Mendelian randomisation analysis. *Lancet Diabetes and Endocrinology,the*, **2015**, 3, 243-53	18.1	81
391	Site and gender specificity of inheritance of bone mineral density. *Journal of Bone and Mineral Research*, **2003**, 18, 1531-8	6.3	81
390	Serum levels of soluble receptor for advanced glycation end products and of S100 proteins are associated with inflammatory, autoantibody, and classical risk markers of joint and vascular damage in rheumatoid arthritis. *Arthritis Research and Therapy*, **2009**, 11, R39	5.7	80
389	Genetic dissection of acute anterior uveitis reveals similarities and differences in associations observed with ankylosing spondylitis. *Arthritis and Rheumatology*, **2015**, 67, 140-51	9.5	78
388	Genetic determinants of heel bone properties: genome-wide association meta-analysis and replication in the GEFOS/GENOMOS consortium. *Human Molecular Genetics*, **2014**, 23, 3054-68	5.6	78
387	Role of NOD2 variants in spondylarthritis. *Arthritis and Rheumatism*, **2002**, 46, 1629-33		77
386	Common variants in the HLA-DRB1-HLA-DQA1 HLA class II region are associated with susceptibility to visceral leishmaniasis. *Nature Genetics*, **2013**, 45, 208-13	36.3	76

385	Association of Genetic Variants in NUDT15 With Thiopurine-Induced Myelosuppression in Patients With Inflammatory Bowel Disease. *JAMA - Journal of the American Medical Association*, **2019**, 321, 773-785	27.4	75
384	Hypertension in pregnancy: maternal and fetal outcomes according to laboratory and clinical features. *Medical Journal of Australia*, **1996**, 165, 360-5	4	74
383	Finnish HLA studies confirm the increased risk conferred by HLA-B27 homozygosity in ankylosing spondylitis. *Annals of the Rheumatic Diseases*, **2006**, 65, 775-80	2.4	73
382	A genome-wide screen for susceptibility loci in ankylosing spondylitis. *Arthritis and Rheumatism*, **1998**, 41, 588-95		73
381	Genetic control of bone density and turnover: role of the collagen 1alpha1, estrogen receptor, and vitamin D receptor genes. *Journal of Bone and Mineral Research*, **2001**, 16, 758-64	6.3	73
380	Incidence and prevalence of NMOSD in Australia and New Zealand. *Journal of Neurology, Neurosurgery and Psychiatry*, **2017**, 88, 632-638	5.5	72
379	A novel serogenetic approach determines the community prevalence of celiac disease and informs improved diagnostic pathways. *BMC Medicine*, **2013**, 11, 188	11.4	72
378	Complement genes contribute sex-biased vulnerability in diverse disorders. *Nature*, **2020**, 582, 577-581	50.4	71
377	Multicentric carpotarsal osteolysis is caused by mutations clustering in the amino-terminal transcriptional activation domain of MAFB. *American Journal of Human Genetics*, **2012**, 90, 494-501	11	71
376	Identification of major loci controlling clinical manifestations of ankylosing spondylitis. *Arthritis and Rheumatism*, **2003**, 48, 2234-9		71
375	A common variant mapping to CACNA1A is associated with susceptibility to exfoliation syndrome. *Nature Genetics*, **2015**, 47, 387-92	36.3	70
374	Autosomal dominant spondylocostal dysostosis is caused by mutation in TBX6. *Human Molecular Genetics*, **2013**, 22, 1625-31	5.6	70
373	Whole-genome sequencing of a sporadic primary immunodeficiency cohort. *Nature*, **2020**, 583, 90-95	50.4	69
372	Integrated genome-wide chromatin occupancy and expression analyses identify key myeloid pro-differentiation transcription factors repressed by Myb. *Nucleic Acids Research*, **2011**, 39, 4664-79	20.1	69
371	Discovery of candidate serum proteomic and metabolomic biomarkers in ankylosing spondylitis. *Molecular and Cellular Proteomics*, **2012**, 11, M111.013904	7.6	69
370	Association of sporadic chondrocalcinosis with a -4-basepair G-to-A transition in the 5'-untranslated region of ANKH that promotes enhanced expression of ANKH protein and excess generation of extracellular inorganic pyrophosphate. *Arthritis and Rheumatism*, **2005**, 52, 1110-7		69
369	Renin-aldosterone relationships in pregnancy-induced hypertension. *American Journal of Hypertension*, **1992**, 5, 366-71	2.3	67
368	Excessive bone formation in a mouse model of ankylosing spondylitis is associated with decreases in Wnt pathway inhibitors. *Arthritis Research and Therapy*, **2012**, 14, R253	5.7	66

367	Inadequacy of dipstick proteinuria in hypertensive pregnancy. *Australian and New Zealand Journal of Obstetrics and Gynaecology*, **1995**, 35, 366-9	1.7	65
366	A genome-wide screen for susceptibility loci in ankylosing spondylitis **1998**, 41, 588		65
365	HLA Alleles Associated With Risk of Ankylosing Spondylitis and Rheumatoid Arthritis Influence the Gut Microbiome. *Arthritis and Rheumatology*, **2019**, 71, 1642-1650	9.5	63
364	ERAP2 is associated with ankylosing spondylitis in HLA-B27-positive and HLA-B27-negative patients. *Annals of the Rheumatic Diseases*, **2015**, 74, 1627-9	2.4	63
363	Novel mutations in ACVR1 result in atypical features in two fibrodysplasia ossificans progressiva patients. *PLoS ONE*, **2009**, 4, e5005	3.7	62
362	Genetic disorders of the LRP5-Wnt signalling pathway affecting the skeleton. *Trends in Molecular Medicine*, **2005**, 11, 129-37	11.5	61
361	Genetic and genomic studies of PADI4 in rheumatoid arthritis. *Rheumatology*, **2005**, 44, 869-72	3.9	61
360	Association of IL23R and ERAP1 genes with ankylosing spondylitis in a Portuguese population. *Clinical and Experimental Rheumatology*, **2009**, 27, 800-6	2.2	61
359	Genome-wide association study for sight-threatening diabetic retinopathy reveals association with genetic variation near the GRB2 gene. *Diabetologia*, **2015**, 58, 2288-97	10.3	60
358	Novel risk loci for rheumatoid arthritis in Han Chinese and congruence with risk variants in Europeans. *Arthritis and Rheumatology*, **2014**, 66, 1121-32	9.5	59
357	Axial spondyloarthritis: a new disease entity, not necessarily early ankylosing spondylitis. *Annals of the Rheumatic Diseases*, **2013**, 72, 162-4	2.4	59
356	The effect of HLA-DR genes on susceptibility to and severity of ankylosing spondylitis. *Arthritis and Rheumatism*, **1998**, 41, 460-5		59
355	Polymorphisms of the CYP2D6 gene increase susceptibility to ankylosing spondylitis. *Human Molecular Genetics*, **2000**, 9, 1563-6	5.6	59
354	Genetics of ankylosing spondylitis. *Clinical and Experimental Rheumatology*, **2002**, 20, S43-9	2.2	59
353	Ambulatory blood pressure monitoring in pregnancy: what is normal?. *American Journal of Obstetrics and Gynecology*, **1998**, 178, 836-42	6.4	58
352	Microbes, the gut and ankylosing spondylitis. *Arthritis Research and Therapy*, **2013**, 15, 214	5.7	57
351	Genetics of ankylosing spondylitis. *Current Opinion in Rheumatology*, **2010**, 22, 126-32	5.3	57
350	Whole-exome re-sequencing in a family quartet identifies POP1 mutations as the cause of a novel skeletal dysplasia. *PLoS Genetics*, **2011**, 7, e1002027	6	57

349	Combined analysis of three whole genome linkage scans for Ankylosing Spondylitis. *Rheumatology*, **2007**, 46, 763-71	3.9	55
348	Defining the genetic susceptibility to cervical neoplasia-A genome-wide association study. *PLoS Genetics*, **2017**, 13, e1006866	6	55
347	The correlation between reading and mathematics ability at age twelve has a substantial genetic component. *Nature Communications*, **2014**, 5, 4204	17.4	54
346	The role of IL-17-secreting mast cells in inflammatory joint disease. *Nature Reviews Rheumatology*, **2013**, 9, 375-9	8.1	54
345	Replication of association of IL1 gene complex members with ankylosing spondylitis in Taiwanese Chinese. *Annals of the Rheumatic Diseases*, **2006**, 65, 1106-9	2.4	54
344	Investigation of the role of ANKH in ankylosing spondylitis. *Arthritis and Rheumatism*, **2003**, 48, 2898-902		54
343	Spinal inflammation in the absence of sacroiliac joint inflammation on magnetic resonance imaging in patients with active nonradiographic axial spondyloarthritis. *Arthritis and Rheumatology*, **2014**, 66, 667-73	9.5	53
342	Significant deterioration in nanomechanical quality occurs through incomplete extrafibrillar mineralization in rachitic bone: evidence from in-situ synchrotron X-ray scattering and backscattered electron imaging. *Journal of Bone and Mineral Research*, **2012**, 27, 876-90	6.3	53
341	Elucidating the chromosome 9 association with AS; CARD9 is a candidate gene. *Genes and Immunity*, **2010**, 11, 490-6	4.4	53
340	Genetic susceptibility to ankylosing spondylitis. *Current Molecular Medicine*, **2004**, 4, 13-20	2.5	53
339	Prurigo nodularis and aluminium overload in maintenance haemodialysis. *Lancet, The*, **1992**, 340, 48	40	52
338	The effect of HLA-DR on susceptibility to rheumatoid arthritis is influenced by the associated lymphotoxin alpha-tumor necrosis factor haplotype. *Arthritis and Rheumatism*, **2003**, 48, 90-6		51
337	Contribution of a Non-classical HLA Gene, HLA-DOA, to the Risk of Rheumatoid Arthritis. *American Journal of Human Genetics*, **2016**, 99, 366-74	11	51
336	WNT10A exonic variant increases the risk of keratoconus by decreasing corneal thickness. *Human Molecular Genetics*, **2015**, 24, 5060-8	5.6	50
335	Association study of genes related to bone formation and resorption and the extent of radiographic change in ankylosing spondylitis. *Annals of the Rheumatic Diseases*, **2015**, 74, 1387-93	2.4	50
334	A novel ACVR1 mutation in the glycine/serine-rich domain found in the most benign case of a fibrodysplasia ossificans progressiva variant reported to date. *Bone*, **2011**, 48, 654-8	4.7	50
333	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
332	Randomised trial of management of hypertensive pregnancies by Korotkoff phase IV or phase V. *Lancet, The*, **1998**, 352, 777-81	40	49

331	Effects of PTPN22 C1858T polymorphism on susceptibility and clinical characteristics of British Caucasian rheumatoid arthritis patients. *Rheumatology*, **2006**, 45, 1009-11	3.9	49
330	Dissection of class III major histocompatibility complex haplotypes associated with rheumatoid arthritis. *Arthritis and Rheumatism*, **2004**, 50, 2122-9		49
329	Evaluating the Performance of Fine-Mapping Strategies at Common Variant GWAS Loci. *PLoS Genetics*, **2015**, 11, e1005535	6	49
328	Whole blood transcriptional profiling in ankylosing spondylitis identifies novel candidate genes that might contribute to the inflammatory and tissue-destructive disease aspects. *Arthritis Research and Therapy*, **2011**, 13, R57	5.7	48
327	Interethnic studies of TNF polymorphisms confirm the likely presence of a second MHC susceptibility locus in ankylosing spondylitis. *Genes and Immunity*, **2000**, 1, 418-22	4.4	48
326	Saliva-derived DNA performs well in large-scale, high-density single-nucleotide polymorphism microarray studies. *Cancer Epidemiology Biomarkers and Prevention*, **2010**, 19, 794-8	4	47
325	Can we predict recurrence of pre-eclampsia or gestational hypertension?. *BJOG: an International Journal of Obstetrics and Gynaecology*, **2007**, 114, 984-93	3.7	47
324	Shotgun metagenomics reveals an enrichment of potentially cross-reactive bacterial epitopes in ankylosing spondylitis patients, as well as the effects of TNFi therapy upon microbiome composition. *Annals of the Rheumatic Diseases*, **2020**, 79, 132-140	2.4	47
323	Novel pleiotropic risk loci for melanoma and nevus density implicate multiple biological pathways. *Nature Communications*, **2018**, 9, 4774	17.4	47
322	The effect of methotrexate and targeted immunosuppression on humoral and cellular immune responses to the COVID-19 vaccine BNT162b2: a cohort study. *Lancet Rheumatology, The*, **2021**, 3, e627-e637	14.2	47
321	GWAS for systemic sclerosis identifies multiple risk loci and highlights fibrotic and vasculopathy pathways. *Nature Communications*, **2019**, 10, 4955	17.4	46
320	Genetics and the pathogenesis of ankylosing spondylitis. *Current Opinion in Rheumatology*, **2009**, 21, 318-23	5.3	46
319	Cross-ethnic meta-analysis identifies association of the GPX3-TNIP1 locus with amyotrophic lateral sclerosis. *Nature Communications*, **2017**, 8, 611	17.4	45
318	Predominant association of HLA-B*2704 with ankylosing spondylitis in Chinese Han patients. *Tissue Antigens*, **2010**, 75, 61-4		45
317	Comparative performances of machine learning methods for classifying Crohn Disease patients using genome-wide genotyping data. *Scientific Reports*, **2019**, 9, 10351	4.9	44
316	Current smoking is associated with incident ankylosing spondylitis -- the HUNT population-based Norwegian health study. *Journal of Rheumatology*, **2014**, 41, 2041-8	4.1	44
315	The effect of LRP5 polymorphisms on bone mineral density is apparent in childhood. *Calcified Tissue International*, **2007**, 81, 1-9	3.9	44
314	Somatic POLE exonuclease domain mutations are early events in sporadic endometrial and colorectal carcinogenesis, determining driver mutational landscape, clonal neoantigen burden and immune response. *Journal of Pathology*, **2018**, 245, 283-296	9.4	43

313	'Sink or swim': an evaluation of the clinical characteristics of individuals with high bone mass. *Osteoporosis International*, **2012**, 23, 643-54	5.3	43
312	Genetics and the Causes of Ankylosing Spondylitis. *Rheumatic Disease Clinics of North America*, **2017**, 43, 401-414	2.4	43
311	A polymorphism in the HLA-DPB1 gene is associated with susceptibility to multiple sclerosis. *PLoS ONE*, **2010**, 5, e13454	3.7	43
310	Risedronate in adults with osteogenesis imperfecta type I: increased bone mineral density and decreased bone turnover, but high fracture rate persists. *Osteoporosis International*, **2012**, 23, 285-94	5.3	42
309	An Immunochip-based interrogation of scleroderma susceptibility variants identifies a novel association at DNASE1L3. *Arthritis Research and Therapy*, **2014**, 16, 438	5.7	42
308	The prevalence and clinical significance of nocturnal hypertension in pregnancy. *Journal of Hypertension*, **2001**, 19, 1437-44	1.9	42
307	The effect of HLA-DR genes on susceptibility to and severity of ankylosing spondylitis **1998**, 41, 460		42
306	A missense mutation in the MLKL brace region promotes lethal neonatal inflammation and hematopoietic dysfunction. *Nature Communications*, **2020**, 11, 3150	17.4	41
305	C9orf72 hexanucleotide repeat expansions in Chinese sporadic amyotrophic lateral sclerosis. *Neurobiology of Aging*, **2015**, 36, 2660.e1-8	5.6	40
304	A rare P2X7 variant Arg307Gln with absent pore formation function protects against neuroinflammation in multiple sclerosis. *Human Molecular Genetics*, **2015**, 24, 5644-54	5.6	40
303	The calcium pump plasma membrane Ca(2+)-ATPase 2 (PMCA2) regulates breast cancer cell proliferation and sensitivity to doxorubicin. *Scientific Reports*, **2016**, 6, 25505	4.9	40
302	Type 1 diabetes susceptibility alleles are associated with distinct alterations in the gut microbiota. *Microbiome*, **2018**, 6, 35	16.6	40
301	Multiple sclerosis susceptibility-associated SNPs do not influence disease severity measures in a cohort of Australian MS patients. *PLoS ONE*, **2010**, 5, e10003	3.7	39
300	Non-B27 MHC associations of ankylosing spondylitis. *Genes and Immunity*, **2007**, 8, 115-23	4.4	39
299	Ectopic calcification among families in the Azores: clinical and radiologic manifestations in families with diffuse idiopathic skeletal hyperostosis and chondrocalcinosis. *Arthritis and Rheumatism*, **2006**, 54, 1340-9		39
298	The X-chromosome and susceptibility to ankylosing spondylitis. *Arthritis and Rheumatism*, **2000**, 43, 1353-5		39
297	The genetics of ankylosing spondylitis and axial spondyloarthritis. *Rheumatic Disease Clinics of North America*, **2012**, 38, 539-53	2.4	38
296	Non-inherited maternal HLA alleles are associated with rheumatoid arthritis. *British Journal of Rheumatology*, **2003**, 42, 171-4		37

295	Cross-ancestry genome-wide association analysis of corneal thickness strengthens link between complex and Mendelian eye diseases. *Nature Communications*, **2018**, 9, 1864	17.4	37
294	The CYP27B1 variant associated with an increased risk of autoimmune disease is underexpressed in tolerizing dendritic cells. *Human Molecular Genetics*, **2014**, 23, 1425-34	5.6	36
293	A genome-wide association analysis of a broad psychosis phenotype identifies three loci for further investigation. *Biological Psychiatry*, **2014**, 75, 386-97	7.9	36
292	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
291	Suggestive linkage of 2p22-25 and 11q12-13 with low bone mineral density at the lumbar spine in the Irish population. *Calcified Tissue International*, **2003**, 72, 651-8	3.9	36
290	Polymorphisms in the receptor tyrosine kinase MERTK gene are associated with multiple sclerosis susceptibility. *PLoS ONE*, **2011**, 6, e16964	3.7	35
289	Ethics of genetic testing and research in sport: a position statement from the Australian Institute of Sport. *British Journal of Sports Medicine*, **2017**, 51, 5-11	10.3	34
288	Mutations in MAP3K7 that Alter the Activity of the TAK1 Signaling Complex Cause Frontometaphyseal Dysplasia. *American Journal of Human Genetics*, **2016**, 99, 392-406	11	34
287	The window of opportunity: a relevant concept for axial spondyloarthritis. *Arthritis Research and Therapy*, **2014**, 16, 109	5.7	34
286	Gene expression profiling reveals a downregulation in immune-associated genes in patients with AS. *Annals of the Rheumatic Diseases*, **2010**, 69, 1724-9	2.4	34
285	Analysis of killer immunoglobulin-like receptor genes in ankylosing spondylitis. *Annals of the Rheumatic Diseases*, **2009**, 68, 595-8	2.4	34
284	Optical imaging and analysis of human vaginal coating by drug delivery gels. *Contraception*, **2007**, 75, 142-51	2.5	34
283	Fryns Syndrome Associated with Recessive Mutations in PIGN in two Separate Families. *Human Mutation*, **2016**, 37, 695-702	4.7	34
282	Mutations in LTBP3 cause acromicric dysplasia and geleophysic dysplasia. *Journal of Medical Genetics*, **2016**, 53, 457-64	5.8	34
281	Genetic Variants in ERAP1 and ERAP2 Associated With Immune-Mediated Diseases Influence Protein Expression and the Isoform Profile. *Arthritis and Rheumatology*, **2018**, 70, 255-265	9.5	34
280	Normal human enthesis harbours conventional CD4+ and CD8+ T cells with regulatory features and inducible IL-17A and TNF expression. *Annals of the Rheumatic Diseases*, **2020**, 79, 1044-1054	2.4	33
279	Comparing genotyping algorithms for Illumina's Infinium whole-genome SNP BeadChips. *BMC Bioinformatics*, **2011**, 12, 68	3.6	33
278	Estimates of the rate of infection and asymptomatic COVID-19 disease in a population sample from SE England. *Journal of Infection*, **2020**, 81, 931-936	18.9	32

277	Genome-wide association studies for diabetic macular edema and proliferative diabetic retinopathy. *BMC Medical Genetics*, **2018**, 19, 71	2.1	32
276	Whole exome sequencing is an efficient and sensitive method for detection of germline mutations in patients with phaeochromcytomas and paragangliomas. *Clinical Endocrinology*, **2014**, 80, 25-33	3.4	32
275	Fine mapping of the MHC Class III region demonstrates association of AIF1 and rheumatoid arthritis. *Rheumatology*, **2008**, 47, 1761-7	3.9	31
274	A novel LEMD3 mutation common to patients with osteopoikilosis with and without melorheostosis. *Calcified Tissue International*, **2007**, 81, 81-4	3.9	31
273	HLA class I and II alleles in susceptibility to ankylosing spondylitis. *Annals of the Rheumatic Diseases*, **2019**, 78, 66-73	2.4	31
272	Compound heterozygous mutations in RIPPLY2 associated with vertebral segmentation defects. *Human Molecular Genetics*, **2015**, 24, 1234-42	5.6	30
271	Polymorphism in a lincRNA Associates with a Doubled Risk of Pneumococcal Bacteremia in Kenyan Children. *American Journal of Human Genetics*, **2016**, 98, 1092-1100	11	30
270	Whole exome sequencing is an efficient, sensitive and specific method for determining the genetic cause of short-rib thoracic dystrophies. *Clinical Genetics*, **2015**, 88, 550-7	4	30
269	Clinical review 2: Genetic determinants of bone density and fracture risk--state of the art and future directions. *Journal of Clinical Endocrinology and Metabolism*, **2010**, 95, 2576-87	5.6	30
268	Progress of genome-wide association studies of ankylosing spondylitis. *Clinical and Translational Immunology*, **2017**, 6, e163	6.8	29
267	Genome-wide association study for radiographic vertebral fractures: A potential role for the 16q24 BMD locus. *Bone*, **2014**, 59, 20-27	4.7	29
266	Twenty-four-hour automated blood pressure monitoring as a predictor of preeclampsia. *American Journal of Obstetrics and Gynecology*, **2001**, 185, 618-22	6.4	29
265	Genetic association of ankylosing spondylitis with TBX21 influences T-bet and pro-inflammatory cytokine expression in humans and SKG mice as a model of spondyloarthritis. *Annals of the Rheumatic Diseases*, **2017**, 76, 261-269	2.4	28
264	Diffusion-weighted Imaging Is a Sensitive and Specific Magnetic Resonance Sequence in the Diagnosis of Ankylosing Spondylitis. *Journal of Rheumatology*, **2018**, 45, 771-778	4.1	28
263	Progress in the genetics of ankylosing spondylitis. *Briefings in Functional Genomics*, **2011**, 10, 249-57	4.9	28
262	The chromosome 16q region associated with ankylosing spondylitis includes the candidate gene tumour necrosis factor receptor type 1-associated death domain (TRADD). *Annals of the Rheumatic Diseases*, **2010**, 69, 1243-6	2.4	28
261	Progress in spondylarthritis. Spondyloarthritis: lessons from imaging. *Arthritis Research and Therapy* , **2009**, 11, 222	5.7	28
260	The ASAS Criteria for Axial Spondyloarthritis: Strengths, Weaknesses, and Proposals for a Way Forward. *Current Rheumatology Reports*, **2015**, 17, 62	4.9	27

259	The genetic associations of acute anterior uveitis and their overlap with the genetics of ankylosing spondylitis. *Genes and Immunity*, **2016**, 17, 46-51	4.4	27
258	Comprehensive Cancer-Predisposition Gene Testing in an Adult Multiple Primary Tumor Series Shows a Broad Range of Deleterious Variants and Atypical Tumor Phenotypes. *American Journal of Human Genetics*, **2018**, 103, 3-18	11	27
257	A mouse model for spondyloepiphyseal dysplasia congenita with secondary osteoarthritis due to a Col2a1 mutation. *Journal of Bone and Mineral Research*, **2012**, 27, 413-28	6.3	27
256	Brief report: high-throughput sequencing of IL23R reveals a low-frequency, nonsynonymous single-nucleotide polymorphism that is associated with ankylosing spondylitis in a Han Chinese population. *Arthritis and Rheumatism*, **2013**, 65, 1747-52		27
255	Osteoclast formation from circulating precursors in osteoporosis. *Scandinavian Journal of Rheumatology*, **2003**, 32, 95-100	1.9	27
254	Interleukin 10 polymorphisms in ankylosing spondylitis. *Genes and Immunity*, **2003**, 4, 74-6	4.4	27
253	Inflammation-driven bone formation in a mouse model of ankylosing spondylitis: sequential not parallel processes. *Arthritis Research and Therapy*, **2016**, 18, 35	5.7	27
252	Mutations in Known Monogenic High Bone Mass Loci Only Explain a Small Proportion of High Bone Mass Cases. *Journal of Bone and Mineral Research*, **2016**, 31, 640-9	6.3	27
251	The intestinal microbiome in human disease and how it relates to arthritis and spondyloarthritis. *Best Practice and Research in Clinical Rheumatology*, **2015**, 29, 202-12	5.3	26
250	Disease-associated polymorphisms in ERAP1 do not alter endoplasmic reticulum stress in patients with ankylosing spondylitis. *Genes and Immunity*, **2015**, 16, 35-42	4.4	26
249	Measurement of plasma volume in pregnancy. *Clinical Science*, **1992**, 83, 29-34	6.5	26
248	HLA-DR/DQ haplotype in rheumatoid arthritis: novel allelic associations in UK Caucasians. *Journal of Rheumatology*, **2002**, 29, 1821-6	4.1	26
247	ERAP1 association with ankylosing spondylitis is attributable to common genotypes rather than rare haplotype combinations. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 558-561	11.5	25
246	Hippocampal plasticity underpins long-term cognitive gains from resistance exercise in MCI. *NeuroImage: Clinical*, **2020**, 25, 102182	5.3	25
245	Genome-wide association study of extreme high bone mass: Contribution of common genetic variation to extreme BMD phenotypes and potential novel BMD-associated genes. *Bone*, **2018**, 114, 62-71	4.7	25
244	A new regulatory variant in the interleukin-6 receptor gene associates with asthma risk. *Genes and Immunity*, **2013**, 14, 441-6	4.4	25
243	Non-major-histocompatibility-complex genetics of ankylosing spondylitis. *Best Practice and Research in Clinical Rheumatology*, **2006**, 20, 611-21	5.3	25
242	The white coat effect in hypertensive pregnancy: much ado about nothing?. *BJOG: an International Journal of Obstetrics and Gynaecology*, **1999**, 106, 474-80	3.7	25

241	Pancytopenia after accidental overdose of methotrexate. A complication of low-dose therapy for rheumatoid arthritis. *Medical Journal of Australia*, **1991**, 155, 493-4	4	25
240	The MS Risk Allele of CD40 Is Associated with Reduced Cell-Membrane Bound Expression in Antigen Presenting Cells: Implications for Gene Function. *PLoS ONE*, **2015**, 10, e0127080	3.7	25
239	Association of Schizophrenia Risk With Disordered Niacin Metabolism in an Indian Genome-wide Association Study. *JAMA Psychiatry*, **2019**, 76, 1026-1034	14.5	24
238	Variability in working memory performance explained by epistasis vs polygenic scores in the ZNF804A pathway. *JAMA Psychiatry*, **2014**, 71, 778-785	14.5	24
237	Does the microbiome play a causal role in spondyloarthritis?. *Clinical Rheumatology*, **2014**, 33, 763-7	3.9	24
236	Specific Alleles of CLN7/MFSD8, a Protein That Localizes to Photoreceptor Synaptic Terminals, Cause a Spectrum of Nonsyndromic Retinal Dystrophy **2017**, 58, 2906-2914		24
235	Genome-wide association study of intraocular pressure identifies the GLCCI1/ICA1 region as a glaucoma susceptibility locus. *Human Molecular Genetics*, **2013**, 22, 4653-60	5.6	24
234	Mutations in human C2CD3 cause skeletal dysplasia and provide new insights into phenotypic and cellular consequences of altered C2CD3 function. *Scientific Reports*, **2016**, 6, 24083	4.9	24
233	An N-ethyl-N-nitrosourea induced corticotropin-releasing hormone promoter mutation provides a mouse model for endogenous glucocorticoid excess. *Endocrinology*, **2014**, 155, 908-22	4.8	23
232	Cuff tear arthropathy: evidence of functional variation in pyrophosphate metabolism genes. *Clinical Orthopaedics and Related Research*, **2007**, 462, 67-72	2.2	23
231	Polymorphism in codon 17 of the CTLA-4 gene (+49 A/G) is not associated with susceptibility to rheumatoid arthritis in British Caucasians. *Tissue Antigens*, **2001**, 58, 50-4		23
230	Genome-wide association study in Turkish and Iranian populations identify rare familial Mediterranean fever gene (MEFV) polymorphisms associated with ankylosing spondylitis. *PLoS Genetics*, **2019**, 15, e1008038	6	22
229	Genetic associations and functional characterization of M1 aminopeptidases and immune-mediated diseases. *Genes and Immunity*, **2014**, 15, 521-7	4.4	22
228	Amyotrophic Lateral Sclerosis Genetic Studies: From Genome-wide Association Mapping to Genome Sequencing. *Neuroscientist*, **2015**, 21, 599-615	7.6	22
227	Investigation of the role of ENPP1 and TNAP genes in chondrocalcinosis. *Rheumatology*, **2007**, 46, 586-9	3.9	22
226	Genetic aspects of susceptibility, severity, and clinical expression in ankylosing spondylitis. *Current Opinion in Rheumatology*, **2002**, 14, 354-60	5.3	22
225	Self-reported Diagnosis of Rheumatoid Arthritis or Ankylosing Spondylitis Has Low Accuracy: Data from the Nord-Trøndelag Health Study. *Journal of Rheumatology*, **2017**, 44, 1134-1141	4.1	21
224	Rheumatic complications of influenza vaccination. *Australian and New Zealand Journal of Medicine*, **1994**, 24, 572-3		21

223	Exome-wide study of ankylosing spondylitis demonstrates additional shared genetic background with inflammatory bowel disease. *Npj Genomic Medicine*, **2016**, 1, 16008	6.2	21
222	Natural history of fibrodysplasia ossificans progressiva: cross-sectional analysis of annotated baseline phenotypes. *Orphanet Journal of Rare Diseases*, **2019**, 14, 98	4.2	20
221	Genomewide Association Study of Acute Anterior Uveitis Identifies New Susceptibility Loci **2020**, 61, 3		20
220	Biomarker development for axial spondyloarthritis. *Nature Reviews Rheumatology*, **2020**, 16, 448-463	8.1	20
219	Genetics in ankylosing spondylitis - Current state of the art and translation into clinical outcomes. *Best Practice and Research in Clinical Rheumatology*, **2017**, 31, 763-776	5.3	20
218	Immunopathogenesis of ankylosing spondylitis. *International Journal of Clinical Rheumatology*, **2013**, 8, 265-274	1.5	20
217	Genome-wide study of familial juvenile hyperuricaemic (gouty) nephropathy (FJHN) indicates a new locus, FJHN3, linked to chromosome 2p22.1-p21. *Human Genetics*, **2011**, 129, 51-8	6.3	20
216	The v-MFG test: investigating maternal, offspring and maternal-fetal genetic incompatibility effects on disease and viability. *Genetic Epidemiology*, **2006**, 30, 333-47	2.6	20
215	Genetic testing for haemochromatosis in patients with chondrocalcinosis. *Annals of the Rheumatic Diseases*, **2002**, 61, 745-7	2.4	20
214	Common and Low Frequency Variants in MERTK Are Independently Associated with Multiple Sclerosis Susceptibility with Discordant Association Dependent upon HLA-DRB1*15:01 Status. *PLoS Genetics*, **2016**, 12, e1005853	6	20
213	Identification of IDUA and WNT16 Phosphorylation-Related Non-Synonymous Polymorphisms for Bone Mineral Density in Meta-Analyses of Genome-Wide Association Studies. *Journal of Bone and Mineral Research*, **2016**, 31, 358-68	6.3	20
212	Epigenetic and gene expression analysis of ankylosing spondylitis-associated loci implicate immune cells and the gut in the disease pathogenesis. *Genes and Immunity*, **2017**, 18, 135-143	4.4	19
211	Identification of a novel FGFRL1 MicroRNA target site polymorphism for bone mineral density in meta-analyses of genome-wide association studies. *Human Molecular Genetics*, **2015**, 24, 4710-27	5.6	19
210	Pre-eclampsia causes adverse maternal outcomes across the gestational spectrum. *Pregnancy Hypertension*, **2015**, 5, 198-204	2.6	19
209	Characteristics of hypertensive disorders in twin versus singleton pregnancies. *Pregnancy Hypertension*, **2013**, 3, 3-9	2.6	19
208	Ethnicity and disease severity in ankylosing spondylitis a cross-sectional analysis of three ethnic groups. *Clinical Rheumatology*, **2017**, 36, 2359-2364	3.9	19
207	Ankylosing spondylitis is associated with the anthrax toxin receptor 2 gene (ANTXR2). *Annals of the Rheumatic Diseases*, **2014**, 73, 2054-8	2.4	19
206	Brain natriuretic peptide is a potentially useful screening tool for the detection of cardiovascular disease in patients with rheumatoid arthritis. *Annals of the Rheumatic Diseases*, **2006**, 65, 136	2.4	19

205	A Rare Mutation in SMAD9 Associated With High Bone Mass Identifies the SMAD-Dependent BMP Signaling Pathway as a Potential Anabolic Target for Osteoporosis. *Journal of Bone and Mineral Research*, **2020**, 35, 92-105	6.3	19
204	Effect of an estrogen receptor-alpha intron 4 polymorphism on fat mass in 11-year-old children. *Journal of Clinical Endocrinology and Metabolism*, **2007**, 92, 2286-91	5.6	18
203	The effect of transforming growth factor beta1 gene polymorphisms in ankylosing spondylitis. *British Journal of Rheumatology*, **2004**, 43, 32-8		18
202	De Novo Truncating Mutations in WASF1 Cause Intellectual Disability with Seizures. *American Journal of Human Genetics*, **2018**, 103, 144-153	11	18
201	Bi-allelic Loss-of-Function CACNA1B Mutations in Progressive Epilepsy-Dyskinesia. *American Journal of Human Genetics*, **2019**, 104, 948-956	11	17
200	Whole-exome sequencing in amyotrophic lateral sclerosis suggests NEK1 is a risk gene in Chinese. *Genome Medicine*, **2017**, 9, 97	14.4	17
199	The revolution in human monogenic disease mapping. *Genes*, **2014**, 5, 792-803	4.2	17
198	Is there a higher genetic load of susceptibility loci in familial ankylosing spondylitis?. *Arthritis Care and Research*, **2012**, 64, 780-4	4.7	17
197	Whole exome sequencing is an efficient, sensitive and specific method of mutation detection in osteogenesis imperfecta and Marfan syndrome. *BoneKEy Reports*, **2013**, 2, 456		17
196	Resequencing and fine-mapping of the chromosome 12q13-14 locus associated with multiple sclerosis refines the number of implicated genes. *Human Molecular Genetics*, **2013**, 22, 2283-92	5.6	17
195	Comparison of the performance of two commercial genome-wide association study genotyping platforms in Han Chinese samples. *G3: Genes, Genomes, Genetics*, **2013**, 3, 23-9	3.2	17
194	PTHR1 polymorphisms influence BMD variation through effects on the growing skeleton. *Calcified Tissue International*, **2007**, 81, 270-8	3.9	17
193	Estrogen receptor alpha regulates area-adjusted bone mineral content in late pubertal girls. *Journal of Clinical Endocrinology and Metabolism*, **2007**, 92, 641-7	5.6	17
192	Risk-mitigating behaviours in people with inflammatory skin and joint disease during the COVID-19 pandemic differ by treatment type: a cross-sectional patient survey. *British Journal of Dermatology*, **2021**, 185, 80-90	4	17
191	Genomics of ankylosing spondylitis. *Discovery Medicine*, **2010**, 10, 263-71	2.5	17
190	Altered Repertoire Diversity and Disease-Associated Clonal Expansions Revealed by T Cell Receptor Immunosequencing in Ankylosing Spondylitis Patients. *Arthritis and Rheumatology*, **2020**, 72, 1289-1302	9.5	16
189	Serum connective tissue growth factor is a highly discriminatory biomarker for the diagnosis of rheumatoid arthritis. *Arthritis Research and Therapy*, **2017**, 19, 257	5.7	16
188	Founder p.Arg 446* mutation in the PDHX gene explains over half of cases with congenital lactic acidosis in Roma children. *Molecular Genetics and Metabolism*, **2014**, 113, 76-83	3.7	16

187	Identity-by-descent mapping to detect rare variants conferring susceptibility to multiple sclerosis. *PLoS ONE*, **2013**, 8, e56379	3.7	16
186	Association of variants in MMEL1 and CTLA4 with rheumatoid arthritis in the Han Chinese population. *Annals of the Rheumatic Diseases*, **2011**, 70, 1793-7	2.4	16
185	Progress in spondylarthritis. Progress in studies of the genetics of ankylosing spondylitis. *Arthritis Research and Therapy*, **2009**, 11, 254	5.7	16
184	Genome-wide association study for radiographic vertebral fractures: a potential role for the 16q24 BMD locus. *Bone*, **2014**, 59, 20-7	4.7	16
183	Genetic diagnostic profiling in axial spondyloarthritis: a real world study. *Clinical and Experimental Rheumatology*, **2017**, 35, 229-233	2.2	16
182	Best practices in DNA methylation: lessons from inflammatory bowel disease, psoriasis and ankylosing spondylitis. *Arthritis Research and Therapy*, **2019**, 21, 133	5.7	15
181	HLA and KIR Associations of Cervical Neoplasia. *Journal of Infectious Diseases*, **2018**, 218, 2006-2015	7	15
180	The IFITM5 mutation c.-14C > T results in an elongated transcript expressed in human bone; and causes varying phenotypic severity of osteogenesis imperfecta type V. *BMC Musculoskeletal Disorders*, **2014**, 15, 107	2.8	15
179	A mouse with an N-Ethyl-N-nitrosourea (ENU) Induced Trp589Arg Galnt3 mutation represents a model for hyperphosphataemic familial tumoural calcinosis. *PLoS ONE*, **2012**, 7, e43205	3.7	15
178	Partial epilepsy syndrome in a Gypsy family linked to 5q31.3-q32. *Epilepsia*, **2009**, 50, 1679-88	6.4	15
177	Pre-eclampsia: a case of nerves?. *Lancet, The*, **1997**, 349, 297-8	40	15
176	Genetic studies in osteoporosis--the end of the beginning. *Arthritis Research and Therapy*, **2008**, 10, 214	5.7	15
175	Antibody treatments of inflammatory arthritis. *Current Medicinal Chemistry*, **2005**, 12, 2943-6	4.3	15
174	The F158V polymorphism in FcgammaRIIIA shows disparate associations with rheumatoid arthritis in two genetically distinct populations. *Annals of the Rheumatic Diseases*, **2002**, 61, 1021-3	2.4	15
173	Susceptibility to ankylosing spondylitis. *British Journal of Rheumatology*, **2000**, 39, 445		15
172	N-ethyl-N-Nitrosourea (ENU) induced mutations within the klotho gene lead to ectopic calcification and reduced lifespan in mouse models. *PLoS ONE*, **2015**, 10, e0122650	3.7	15
171	Cost-effectiveness Analysis of Routine Screening Using Massively Parallel Sequencing for Maturity-Onset Diabetes of the Young in a Pediatric Diabetes Cohort: Reduced Health System Costs and Improved Patient Quality of Life. *Diabetes Care*, **2019**, 42, 69-76	14.6	15
170	A polygenic resilience score moderates the genetic risk for schizophrenia. *Molecular Psychiatry*, **2021**, 26, 800-815	15.1	15

169	Identification of a novel locus on chromosome 2q13, which predisposes to clinical vertebral fractures independently of bone density. *Annals of the Rheumatic Diseases*, **2018**, 77, 378-385	2.4	15
168	Biallelic Mutation of ARHGEF18, Involved in the Determination of Epithelial Apicobasal Polarity, Causes Adult-Onset Retinal Degeneration. *American Journal of Human Genetics*, **2017**, 100, 334-342	11	14
167	Elevated / Expression During the Disease Process of Primary Sjgren's Syndrome. *Frontiers in Immunology*, **2019**, 10, 795	8.4	14
166	ERAP2 functional knockout in humans does not alter surface heavy chains or HLA-B27, inflammatory cytokines or endoplasmic reticulum stress markers. *Annals of the Rheumatic Diseases*, **2015**, 74, 2092-5	2.4	14
165	Meta-analysis of genome-wide studies identifies MEF2C SNPs associated with bone mineral density at forearm. *Journal of Medical Genetics*, **2013**, 50, 473-8	5.8	14
164	A Method to Exploit the Structure of Genetic Ancestry Space to Enhance Case-Control Studies. *American Journal of Human Genetics*, **2016**, 98, 857-868	11	14
163	Special considerations for clinical trials in fibrodysplasia ossificans progressiva (FOP). *British Journal of Clinical Pharmacology*, **2019**, 85, 1199-1207	3.8	14
162	Whole-exome sequencing for mutation detection in pediatric disorders of insulin secretion: Maturity onset diabetes of the young and congenital hyperinsulinism. *Pediatric Diabetes*, **2018**, 19, 656-662	3.6	13
161	Expression profiling in spondyloarthropathy synovial biopsies highlights changes in expression of inflammatory genes in conjunction with tissue remodelling genes. *BMC Musculoskeletal Disorders*, **2013**, 14, 354	2.8	13
160	Transcriptome analysis of ankylosing spondylitis patients before and after TNF- inhibitor therapy reveals the pathways affected. *Genes and Immunity*, **2017**, 18, 184-190	4.4	13
159	Genetic studies of chondrocalcinosis. *Current Opinion in Rheumatology*, **2005**, 17, 330-5	5.3	13
158	Multiple Endocrine Tumors Associated with Germline MAX Mutations: Multiple Endocrine Neoplasia Type 5?. *Journal of Clinical Endocrinology and Metabolism*, **2021**, 106, 1163-1182	5.6	13
157	The FOP Connection Registry: Design of an international patient-sponsored registry for Fibrodysplasia Ossificans Progressiva. *Bone*, **2018**, 109, 285-290	4.7	13
156	Comprehensive genetic screening: The prevalence of maturity-onset diabetes of the young gene variants in a population-based childhood diabetes cohort. *Pediatric Diabetes*, **2019**, 20, 57-64	3.6	13
155	Opioid Analgesic Use in Patients with Ankylosing Spondylitis: An Analysis of the Prospective Study of Outcomes in an Ankylosing Spondylitis Cohort. *Journal of Rheumatology*, **2018**, 45, 188-194	4.1	13
154	Rare variants in Fanconi anemia genes are enriched in acute myeloid leukemia. *Blood Cancer Journal* , **2018**, 8, 50	7	13
153	ERAP1 biology and assessment in Ankylosing Spondylitis. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, E1816	11.5	12
152	Relapse Patterns in NMOSD: Evidence for Earlier Occurrence of Optic Neuritis and Possible Seasonal Variation. *Frontiers in Neurology*, **2020**, 11, 537	4.1	12

151	Rare, Potentially Pathogenic Variants in ZNF469 Are Not Enriched in Keratoconus in a Large Australian Cohort of European Descent **2017**, 58, 6248-6256		12
150	Evidence for a second ankylosing spondylitis-associated regulatory polymorphism. *RMD Open*, **2018**, 4, e000628	5.9	12
149	COL1A1 C-propeptide cleavage site mutation causes high bone mass, bone fragility and jaw lesions: a new cause of gnathodiaphyseal dysplasia?. *Clinical Genetics*, **2015**, 88, 49-55	4	12
148	Genetic Sharing with Cardiovascular Disease Risk Factors and Diabetes Reveals Novel Bone Mineral Density Loci. *PLoS ONE*, **2015**, 10, e0144531	3.7	12
147	Accuracy of automated blood pressure recorders in pregnancy. *Australian and New Zealand Journal of Obstetrics and Gynaecology*, **1998**, 38, 262-5	1.7	12
146	Humoral and cellular immunogenicity to a second dose of COVID-19 vaccine BNT162b2 in people receiving methotrexate or targeted immunosuppression: a longitudinal cohort study. *Lancet Rheumatology, The*, **2021**,	14.2	12
145	Significant out-of-sample classification from methylation profile scoring for amyotrophic lateral sclerosis. *Npj Genomic Medicine*, **2020**, 5, 10	6.2	11
144	Non-classical human leucocyte antigens in ankylosing spondylitis:´possible association with HLA-E and HLA-F. *RMD Open*, **2018**, 4, e000677	5.9	11
143	Contribution of Mutations in Known Mendelian Glaucoma Genes to Advanced Early-Onset Primary Open-Angle Glaucoma **2017**, 58, 1537-1544		11
142	A linkage study across the T cell receptor A and T cell receptor B loci in families with rheumatoid arthritis. *Arthritis and Rheumatism*, **1997**, 40, 1798-802		11
141	Genetic studies of osteoporosis--a rethink required. *Calcified Tissue International*, **2005**, 76, 319-25	3.9	11
140	HLA-B associations of HLA-B27 negative ankylosing spondylitis: comment on the article by Yamaguchi et al. *Arthritis and Rheumatism*, **1996**, 39, 1768-9		11
139	Distinct recognition of closely-related HIV-1 and HIV-2 cytotoxic T-cell epitopes presented by HLA-B*2703 and B*2705. *Aids*, **1998**, 12, 1391-3	3.5	11
138	Nonsteroidal Antiinflammatory Drug Use and Association With Incident Hypertension in Ankylosing Spondylitis. *Arthritis Care and Research*, **2020**, 72, 1645-1652	4.7	11
137	MRI compared with low-dose CT scanning in the diagnosis of axial spondyloarthritis. *Clinical Rheumatology*, **2020**, 39, 1295-1303	3.9	11
136	Ankylosing spondylitis: an autoimmune or autoinflammatory disease?. *Nature Reviews Rheumatology*, **2021**, 17, 387-404	8.1	11
135	Clinical usefulness of comprehensive genetic screening in maturity onset diabetes of the young (MODY): A novel ABCC8 mutation in a previously screened family. *Journal of Diabetes*, **2018**, 10, 764-767	3.8	10
134	Imputation-based analysis of alleles in the susceptibility to ankylosing spondylitis. *Annals of the Rheumatic Diseases*, **2018**, 77, 1691-1692	2.4	10

133	Evaluation of the effect of baseline MRI sacroiliitis and C reactive protein status on etanercept treatment response in non-radiographic axial spondyloarthritis: a post hoc analysis of the EMBARK study. *Annals of the Rheumatic Diseases*, **2018**, 77, 1091-1093	2.4	10
132	Cancer predisposition syndromes: lessons for truly precision medicine. *Journal of Pathology*, **2017**, 241, 226-235	9.4	10
131	Epidemiology of ankylosing spondylitis: IGAS 2009. *Journal of Rheumatology*, **2010**, 37, 2624-5	4.1	10
130	Novel ANKH amino terminus mutation (Pro5Ser) associated with early-onset calcium pyrophosphate disease with associated phosphaturia. *Journal of Clinical Rheumatology*, **2012**, 18, 192-5	1.1	10
129	Automated self-initiated blood pressure or 24-hour ambulatory blood pressure monitoring in pregnancy?. *BJOG: an International Journal of Obstetrics and Gynaecology*, **2004**, 111, 38-41	3.7	10
128	Multiple sclerosis risk variants regulate gene expression in innate and adaptive immune cells. *Life Science Alliance*, **2020**, 3,	5.8	10
127	Homozygous variant in C21orf2 in a case of Jeune syndrome with severe thoracic involvement: Extending the phenotypic spectrum. *American Journal of Medical Genetics, Part A*, **2017**, 173, 1698-1704	2.5	9
126	Geo-epidemiology of temporal artery biopsy-positive giant cell arteritis in Australia and New Zealand: is there a seasonal influence?. *RMD Open*, **2017**, 3, e000531	5.9	9
125	Circular RNA sequencing indicates circ-IQGAP2 and circ-ZC3H6 as noninvasive biomarkers of primary Sjögren's syndrome. *Rheumatology*, **2020**, 59, 2603-2615	3.9	9
124	Genetic variation in is associated with bacteremia secondary to diverse pathogens in African children. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E3601-E3603	11.5	9
123	Genome-wide association study in Guillain-Barré syndrome. *Journal of Neuroimmunology*, **2018**, 323, 109-114	3.5	9
122	Cardiovascular disease is increased prior to onset of rheumatoid arthritis but not osteoarthritis: the population-based Nord-Trøndelag health study (HUNT). *Arthritis Research and Therapy*, **2014**, 16, R85	5.7	9
121	Consensus statement on the investigation and management of non-radiographic axial spondyloarthritis (nr-axSpA). *International Journal of Rheumatic Diseases*, **2014**, 17, 548-56	2.3	9
120	Runs of homozygosity and a cluster of vulvar cancer in young Australian Aboriginal women. *Gynecologic Oncology*, **2014**, 133, 421-6	4.9	9
119	Genetic factors in the pathogenesis of CPPD crystal deposition disease. *Current Rheumatology Reports*, **2007**, 9, 231-6	4.9	9
118	The role of germline polymorphisms in the T-cell receptor in susceptibility to ankylosing spondylitis. *British Journal of Rheumatology*, **1998**, 37, 454-8		9
117	Plasma concentrations of vitellogenin and sex steroids in female tuatara (Sphenodon punctatus punctatus) from northern New Zealand. *General and Comparative Endocrinology*, **1994**, 95, 201-12	3	9
116	Mice with an N-Ethyl-N-Nitrosourea (ENU) Induced Tyr209Asn Mutation in Natriuretic Peptide Receptor 3 (NPR3) Provide a Model for Kyphosis Associated with Activation of the MAPK Signaling Pathway. *PLoS ONE*, **2016**, 11, e0167916	3.7	9

115	Prediction of Ankylosing Spondylitis in the HUNT Study by a Genetic Risk Score Combining 110 Single-nucleotide Polymorphisms of Genome-wide Significance. *Journal of Rheumatology*, **2020**, 47, 204-210	4.1	9
114	Invasive dermatophyte infection with Trichophyton interdigitale is associated with prurigo-induced pseudoperforation and a signal transducer and activator of transcription 3 mutation. *British Journal of Dermatology*, **2018**, 179, 750-754	4	9
113	Evidence of genetic association between TNFRSF1A encoding the p55 tumour necrosis factor receptor, and ankylosing spondylitis in UK Caucasians. *Clinical and Experimental Rheumatology*, **2012**, 30, 110-3	2.2	9
112	Longitudinal expression profiling of CD4+ and CD8+ cells in patients with active to quiescent giant cell arteritis. *BMC Medical Genomics*, **2018**, 11, 61	3.7	8
111	A multiple imputation method based on weighted quantile regression models for longitudinal censored biomarker data with missing values at early visits. *BMC Medical Research Methodology*, **2018**, 18, 8	4.7	8
110	Harmonization, data management, and statistical issues related to prospective multicenter studies in Ankylosing spondylitis (AS): Experience from the Prospective Study Of Ankylosing Spondylitis (PSOAS) cohort. *Contemporary Clinical Trials Communications*, **2018**, 11, 127-135	1.8	8
109	International physician survey on management of FOP: a modified Delphi study. *Orphanet Journal of Rare Diseases*, **2017**, 12, 110	4.2	8
108	ANKH and susceptibility to and severity of ankylosing spondylitis. *Journal of Rheumatology*, **2012**, 39, 131-4	4.1	8
107	Whole exome sequencing implicates eye development, the unfolded protein response and plasma membrane homeostasis in primary open-angle glaucoma. *PLoS ONE*, **2017**, 12, e0172427	3.7	8
106	Epistatic interactions between killer immunoglobulin-like receptors and human leukocyte antigen ligands are associated with ankylosing spondylitis. *PLoS Genetics*, **2020**, 16, e1008906	6	8
105	Polygenic Risk Scores have high diagnostic capacity in ankylosing spondylitis. *Annals of the Rheumatic Diseases*, **2021**, 80, 1168-1174	2.4	8
104	Analysis of the genetic component of systemic sclerosis in Iranian and Turkish populations through a genome-wide association study. *Rheumatology*, **2019**, 58, 289-298	3.9	8
103	Consensus statements on the imaging of axial spondyloarthritis in Australia and New Zealand. *Journal of Medical Imaging and Radiation Oncology*, **2017**, 61, 58-69	1.7	7
102	Treatment of a mouse model of ankylosing spondylitis with exogenous sclerostin has no effect on disease progression. *BMC Musculoskeletal Disorders*, **2015**, 16, 368	2.8	7
101	Lymphoplasmacytoid lymphoma presenting as severe osteoporosis. *American Journal of Hematology*, **2002**, 70, 77-80	7.1	7
100	Ambulatory blood pressure in pregnancy: comparison of the Spacelabs 90207 and Accutracker II monitors with intraarterial recordings. *American Journal of Obstetrics and Gynecology*, **1995**, 173, 218-23	6.4	7
99	Genetics and the axial spondyloarthritis spectrum. *Rheumatology*, **2020**, 59, iv58-iv66	3.9	7
98	Substitution mutational signatures in whole-genome–sequenced cancers in the UK population. *Science*, **2022**, 376,	33.3	7

97	Genetic susceptibility to cervical neoplasia. *Papillomavirus Research (Amsterdam, Netherlands)*, **2019**, 7, 132-134	4.6	6
96	Early anti-inflammatory intervention ameliorates axial disease in the proteoglycan-induced spondylitis mouse model of ankylosing spondylitis. *BMC Musculoskeletal Disorders*, **2017**, 18, 228	2.8	6
95	Influence of Cigarette Smoking on Rheumatoid Arthritis Risk in the Han Chinese Population. *Frontiers in Medicine*, **2017**, 4, 76	4.9	6
94	A mouse model of early-onset renal failure due to a xanthine dehydrogenase nonsense mutation. *PLoS ONE*, **2012**, 7, e45217	3.7	6
93	Mapping genes for osteoporosis--old dogs and new tricks. *Bone*, **2010**, 46, 1219-25	4.7	6
92	Using the maternal-fetal genotype incompatibility test to assess non-inherited maternal HLA-DRB1 antigen coding alleles as rheumatoid arthritis risk factors. *BMC Proceedings*, **2007**, 1 Suppl 1, S124	2.3	6
91	A novel human leucocyte antigen-DRB1 genotyping method based on multiplex primer extension reactions. *Tissue Antigens*, **2004**, 64, 88-95		6
90	Patients with ACVR1 mutations have an increased prevalence of cardiac conduction abnormalities on electrocardiogram in a natural history study of Fibrodysplasia Ossificans Progressiva. *Orphanet Journal of Rare Diseases*, **2020**, 15, 193	4.2	6
89	PTPN22 R620W minor allele is a genetic risk factor for giant cell arteritis. *RMD Open*, **2016**, 2, e000246	5.9	6
88	Genes Determining Nevus Count and Dermoscopic Appearance in Australian Melanoma Cases and Controls. *Journal of Investigative Dermatology*, **2020**, 140, 498-501.e17	4.3	6
87	Whole-Exome Sequencing Reveals a Rare Missense Variant in in a Pedigree with Early-Onset Gout. *BioMed Research International*, **2020**, 2020, 4321419	3	5
86	Investigating ANKH and ENPP1 in Slovakian families with chondrocalcinosis. *Rheumatology International*, **2012**, 32, 2745-51	3.6	5
85	Evidence-based recommendations for the diagnosis of ankylosing spondylitis: results from the Australian 3E initiative in rheumatology. *Medical Journal of Australia*, **2008**, 188, 235-7	4	5
84	Rare variants in optic disc area gene enriched in primary open-angle glaucoma. *Molecular Genetics & Genomic Medicine*, **2016**, 4, 624-633	2.3	5
83	Functional Genomics and Its Bench-to-Bedside Translation Pertaining to the Identified Susceptibility Alleles and Loci in Ankylosing Spondylitis. *Current Rheumatology Reports*, **2016**, 18, 63	4.9	5
82	MHC associations of ankylosing spondylitis in East Asians are complex and involve non-HLA-B27 HLA contributions. *Arthritis Research and Therapy*, **2020**, 22, 74	5.7	5
81	Longitudinal associations between depressive symptoms and clinical factors in ankylosing spondylitis patients: analysis from an observational cohort. *Rheumatology International*, **2020**, 40, 1053-1061	3.6	4
80	Compound heterozygous mutations in FBN1 in a large family with Marfan syndrome. *Molecular Genetics & Genomic Medicine*, **2020**, 8, e1116	2.3	4

79	Solving the pathogenesis of ankylosing spondylitis. *Clinical Immunology*, **2018**, 186, 46-50	9	4
78	Spectrum of ankylosing spondylitis in Portugal. Development of BASDAI, BASFI, BASMI and mSASSS reference centile charts. *Clinical Rheumatology*, **2012**, 31, 447-54	3.9	4
77	Missense mutations in the MLKL brace region lead to lethal neonatal inflammation in mice and are present in high frequency in humans		4
76	Factors influencing cancer genetic somatic mutation test ordering by cancer physician. *Journal of Translational Medicine*, **2020**, 18, 431	8.5	4
75	Identification of susceptibility variants to benign childhood epilepsy with centro-temporal spikes (BECTS) in Chinese Han population. *EBioMedicine*, **2020**, 57, 102840	8.8	4
74	Comprehensive analysis of the major histocompatibility complex in systemic sclerosis identifies differential HLA associations by clinical and serological subtypes. *Annals of the Rheumatic Diseases*, **2021**,	2.4	4
73	Vitamin D-Binding Protein Deficiency and Homozygous Deletion of the GC Gene. *New England Journal of Medicine*, **2019**, 380, 2584-2585	59.2	3
72	Mice with a Brd4 Mutation Represent a New Model of Nephrocalcinosis. *Journal of Bone and Mineral Research*, **2019**, 34, 1324-1335	6.3	3
71	RHPA Oral Abstracts. *Internal Medicine Journal*, **2012**, 42, 7-8	1.6	3
70	Combined approach for finding susceptibility genes in DISH/chondrocalcinosis families: whole-genome-wide linkage and IBS/IBD studies. *Human Genome Variation*, **2017**, 4, 17041	1.8	3
69	The genetic basis of spondyloarthritis: SPARTAN/IGAS 2009. *Journal of Rheumatology*, **2010**, 37, 2626-31	4.1	3
68	UK guidelines on management of Paget's disease of bone. *British Journal of Rheumatology*, **2004**, 43, 399-400		3
67	The Genetics of Osteoporosis: Future Diagnostic Possibilities. *Clinics in Laboratory Medicine*, **2000**, 20, 527-548	2.1	3
66	Shotgun metagenomics reveals an enrichment of potentially cross-reactive bacterial epitopes in ankylosing spondylitis patients, as well as the effects of TNFi therapy and the host genotype upon microbiome composition		3
65	HLA-A alleles including HLA-A29 affect the composition of the gut microbiome: a potential clue to the pathogenesis of birdshot retinochoroidopathy. *Scientific Reports*, **2020**, 10, 17636	4.9	3
64	Functional Genomic Analysis of a RUNX3 Polymorphism Associated With Ankylosing Spondylitis. *Arthritis and Rheumatology*, **2021**, 73, 980-990	9.5	3
63	Inflammasome Activation in Ankylosing Spondylitis Is Associated With Gut Dysbiosis. *Arthritis and Rheumatology*, **2021**, 73, 1189-1199	9.5	3
62	Low responders to endurance training exhibit impaired hypertrophy and divergent biological process responses in rat skeletal muscle. *Experimental Physiology*, **2021**, 106, 714-725	2.4	3

61	A KCNK16 mutation causing TALK-1 gain of function is associated with maturity-onset diabetes of the young. *JCI Insight*, **2021**, 6,	9.9	3
60	Describing the burden of the COVID-19 pandemic in people with psoriasis: findings from a global cross-sectional study. *Journal of the European Academy of Dermatology and Venereology*, **2021**, 35, e636-e640	4.6	3
59	Population-based identity-by-descent mapping combined with exome sequencing to detect rare risk variants for schizophrenia. *American Journal of Medical Genetics Part B: Neuropsychiatric Genetics*, **2019**, 180, 223-231	3.5	2
58	Comparison of methods to construct a genetic risk score for prediction of rheumatoid arthritis in the population-based Nord-Trøndelag Health Study, Norway. *Rheumatology*, **2020**, 59, 1743-1751	3.9	2
57	Multicentric Carpotarsal Osteolysis Is Caused by Mutations Clustering in the Amino-Terminal Transcriptional Activation Domain of MAFB. *American Journal of Human Genetics*, **2014**, 94, 643	11	2
56	New approaches in ankylosing spondylitis. *Medical Journal of Australia*, **2017**, 206, 192-194	4	2
55	Utility of temporal artery biopsy samples for genome-wide analysis of giant cell arteritis. *Genes and Immunity*, **2014**, 15, 338-40	4.4	2
54	Genetic studies of osteoporosis. *Expert Reviews in Molecular Medicine*, **1999**, 1999, 1-18	6.7	2
53	Bigger is better, but it's not just size that counts: The estrogen receptor gene and osteoporosis. *BoneKEy Osteovision*, **2005**, 2, 14-20		2
52	Association of Crohn's disease-related chromosome 1q32 with ankylosing spondylitis is independent of bowel symptoms and faecal calprotectin. *PeerJ*, **2018**, 6, e5088	3.1	2
51	Genetic risk scores in inflammatory arthritis: a new era?. *Nature Reviews Rheumatology*, **2020**, 16, 545-546	8.1	2
50	Genome wide association study of response to interval and continuous exercise training: the Predict-HIIT study. *Journal of Biomedical Science*, **2021**, 28, 37	13.3	2
49	An N-Ethyl-N-Nitrosourea (ENU)-Induced Tyr265Stop Mutation of the DNA Polymerase Accessory Subunit Gamma 2 (Polg2) Is Associated With Renal Calcification in Mice. *Journal of Bone and Mineral Research*, **2019**, 34, 497-507	6.3	2
48	Response to: Imputation-based analysis of MICA alleles in the susceptibility to ankylosing spondylitis by Zhou. *Annals of the Rheumatic Diseases*, **2020**, 79, e2	2.4	2
47	Identifying Trajectories of Radiographic Spinal Disease in Ankylosing Spondylitis: A 15-year follow up study of the PSOAS Cohort. *Rheumatology*, **2021**,	3.9	2
46	Genomewide screens in ankylosing spondylitis. *Advances in Experimental Medicine and Biology*, **2009** , 649, 148-58	3.6	2
45	The Gut Microbiome and Ankylosing Spondylitis **2019**, 87-95		1
44	Causal Attributions in an Australian Aboriginal Family With Marfan Syndrome: A Qualitative Study. *Frontiers in Genetics*, **2020**, 11, 461	4.5	1

43	An -Ethyl--Nitrosourea (ENU) Mutagenized Mouse Model for Autosomal Dominant Nonsyndromic Kyphoscoliosis Due to Vertebral Fusion. *JBMR Plus*, **2018**, 2, 154-163	3.9	1
42	Effectiveness and safety of infliximab in two cases of severe chondrocalcinosis: nine years of follow-up. *Case Reports in Rheumatology*, **2014**, 2014, 536856	0.8	1
41	Genome-wide Association Studies **2013**, 93-100		1
40	Challenges in mapping non-HLA-DRB1 major histocompatibility genes in rheumatoid arthritis: comment on the article by Vignal et al. *Arthritis and Rheumatism*, **2009**, 60, 2207; author reply 2207-8		1
39	Developments in psoriasis and psoriatic arthritis. *Drug Discovery Today Disease Mechanisms*, **2008**, 5, e47-e54		1
38	Distribution of TNFA haplotypes in healthy Caucasians: comment on the articles by Newton et al and Zeggini et al. *Arthritis and Rheumatism*, **2004**, 50, 2034-5; author reply 2035-6		1
37	Vaccine hesitancy and access to psoriasis care in the COVID-19 pandemic: findings from a global patient-reported cross-sectional survey.. *British Journal of Dermatology*, **2022**,	4	1
36	Concordance of B and T cell responses to SARS-CoV-2 infection, irrespective of symptoms suggestive of COVID-19		1
35	Polygenic risk scores and rheumatic diseases. *Chinese Medical Journal*, **2021**, 134, 2521-2524	2.9	1
34	The impact of Marfan syndrome on an Aboriginal Australian family: 'I don't like it as much as I don't like cancer'. *Journal of Genetic Counseling*, **2021**,	2.5	1
33	Research around practice partnerships: an example of building partnerships to address overweight and obesity in children. *Australian Journal of Primary Health*, **2009**, 15, 285	1.4	1
32	Genetics of axial spondyloarthritis **2015**, 956-959		1
31	A latent class based imputation method under Bayesian quantile regression framework using asymmetric Laplace distribution for longitudinal medication usage data with intermittent missing values. *Journal of Biopharmaceutical Statistics*, **2020**, 30, 160-177	1.3	1
30	Update on stem cell technologies in congenital heart disease. *Journal of Cardiac Surgery*, **2020**, 35, 174-179	1.3	1
29	Septic Shock: A Genomewide Association Study and Polygenic Risk Score Analysis. *Twin Research and Human Genetics*, **2020**, 23, 204-213	2.2	1
28	Gender Disparity in Inpatient Mortality After Transjugular Intrahepatic Portosystemic Shunt Creation in Patients Admitted With Hepatorenal Syndrome: A Nationwide Study. *Journal of the American College of Radiology*, **2020**, 17, 231-237	3.5	1
27	Point mutation in p14 -specific exon 1 of CDKN2A causing familial melanoma and astrocytoma. *British Journal of Dermatology*, **2018**, 178, e263-e264	4	0
26	Genome-Wide Association Studies **2018**, 33-41		0

25	Effect of short-term hindlimb immobilization on skeletal muscle atrophy and the transcriptome in a low compared with high responder to endurance training model.. *PLoS ONE*, **2022**, 17, e0261723	3.7	0
24	The P4 study: Subsequent pregnancy maternal physiology after hypertensive and normotensive pregnancies. *Pregnancy Hypertension*, **2021**, 27, 29-34	2.6	0
23	Germline ERBB3 mutation in familial non-small-cell lung carcinoma: expanding ErbB's role in oncogenesis. *Human Molecular Genetics*, **2021**, 30, 2393-2401	5.6	0
22	Response to Comment on Johnson et al. Cost-effectiveness Analysis of Routine Screening Using Massively Parallel Sequencing for Maturity-Onset Diabetes of the Young in a Pediatric Diabetes Cohort: Reduced Health System Costs and Improved Patient Quality of Life. Diabetes Care 2019;42:69–76. *Diabetes Care*, **2019**, 42, e79-e80	14.6	
21	Genetics of Axial Spondyloarthritis **2019**, 67-85		
20	Use of the arm-span to height ratio as a criterion for Marfan syndrome in Aboriginal Australians: Diagnostically challenging. *American Journal of Medical Genetics, Part A*, **2020**, 182, 829-830	2.5	
19	A2.5 Association study in portuguese patients with ankylosing spondylitis using the immunochip. *Annals of the Rheumatic Diseases*, **2014**, 73, A39.3-A40	2.4	
18	High-resolution SNP microarray investigation of copy number variations on chromosome 18 in a control cohort. *Cytogenetic and Genome Research*, **2013**, 141, 16-25	1.9	
17	Periimplant Breast Gas at High Altitudes: Prevalence, Significance, and Possible Associated Factors. *American Journal of Roentgenology*, **2015**, 205, 971-5	5.4	
16	A159: The Autoimmune Genetic Architecture of Childhood Onset Rheumatoid Arthritis. *Arthritis and Rheumatology*, **2014**, 66, S205-S206	9.5	
15	Evidence-based recommendations for the monitoring and treatment of ankylosing spondylitis: results from the Australian 3E initiative in rheumatology. *International Journal of Rheumatic Diseases*, **2008**, 11, 45-49	2.3	
14	Australian data do not support current Pharmaceutical Benefits Scheme criteria for use of tumour necrosis factor-alpha inhibitors in ankylosing spondylitis. *Internal Medicine Journal*, **2006**, 36, 755-6	1.6	
13	Role of HLA genes in familial spondyloarthropathy. *Annals of the Rheumatic Diseases*, **2002**, 61, 764; author reply 764-5	2.4	
12	Cost Effectiveness of Bone Density Measurements. *The Journal of the British Menopause Society*, **2001**, 7, 130-135		
11	Performance Evaluation of Multiple Ultrasonographical Methods for the Detection of Primary Sjögren's Syndrome. *Frontiers in Immunology*, **2021**, 12, 777322	8.4	
10	Towards genomewide association studies in osteoporosis lessons from early scans. *BoneKEy Osteovision*, **2007**, 4, 363-366		
9	The Intestinal Microbiome, the Immune System and Spondyloarthropathy **2017**, 145-165		
8	Genome-wide association studies and musculoskeletal diseases. *Future Rheumatology*, **2008**, 3, 537-542		

7	Repeated Spinal Mobility Measures and Their Association With Radiographic Damage in Ankylosing Spondylitis. *ACR Open Rheumatology*, **2021**, 3, 413-421	3.5
6	The genetics of osteoporosis. Future diagnostic possibilities. *Clinics in Laboratory Medicine*, **2000**, 20, 527-47, vi-vii	2.1
5	Re: Zhu et al, "A novel gene variation of TNF alpha associated with ankylosing spondylitis: a reconfirmed study". *Annals of the Rheumatic Diseases*, **2008**, 67, 434; discussion 434-6	2.4
4	Epistatic interactions between killer immunoglobulin-like receptors and human leukocyte antigen ligands are associated with ankylosing spondylitis **2020**, 16, e1008906	
3	Epistatic interactions between killer immunoglobulin-like receptors and human leukocyte antigen ligands are associated with ankylosing spondylitis **2020**, 16, e1008906	
2	Epistatic interactions between killer immunoglobulin-like receptors and human leukocyte antigen ligands are associated with ankylosing spondylitis **2020**, 16, e1008906	
1	Epistatic interactions between killer immunoglobulin-like receptors and human leukocyte antigen ligands are associated with ankylosing spondylitis **2020**, 16, e1008906	