Matthew A Brown

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	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
491	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
490	Substitution mutational signatures in whole-genome-sequenced cancers in the UK population. *Science*, **2022**, 376,	33.3	7
489	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
488	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
487	Performance Evaluation of Multiple Ultrasonographical Methods for the Detection of Primary Sjögren's Syndrome. *Frontiers in Immunology*, **2021**, 12, 777322	8.4	
486	Polygenic risk scores and rheumatic diseases. *Chinese Medical Journal*, **2021**, 134, 2521-2524	2.9	1
485	The P4 study: Subsequent pregnancy maternal physiology after hypertensive and normotensive pregnancies. *Pregnancy Hypertension*, **2021**, 27, 29-34	2.6	0
484	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
483	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
482	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
481	Polygenic Risk Scores have high diagnostic capacity in ankylosing spondylitis. *Annals of the Rheumatic Diseases*, **2021**, 80, 1168-1174	2.4	8
480	Functional Genomic Analysis of a RUNX3 Polymorphism Associated With Ankylosing Spondylitis. *Arthritis and Rheumatology*, **2021**, 73, 980-990	9.5	3
479	Repeated Spinal Mobility Measures and Their Association With Radiographic Damage in Ankylosing Spondylitis. *ACR Open Rheumatology*, **2021**, 3, 413-421	3.5	
478	Inflammasome Activation in Ankylosing Spondylitis Is Associated With Gut Dysbiosis. *Arthritis and Rheumatology*, **2021**, 73, 1189-1199	9.5	3
477	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
476	Ankylosing spondylitis: an autoimmune or autoinflammatory disease?. *Nature Reviews Rheumatology*, **2021**, 17, 387-404	8.1	11

475	A polygenic resilience score moderates the genetic risk for schizophrenia. *Molecular Psychiatry*, **2021**, 26, 800-815	15.1	15
474	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
473	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
472	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
471	Identifying Trajectories of Radiographic Spinal Disease in Ankylosing Spondylitis: A 15-year follow up study of the PSOAS Cohort. *Rheumatology*, **2021**,	3.9	2
470	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
469	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
468	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
467	Whole-genome sequencing of a sporadic primary immunodeficiency cohort. *Nature*, **2020**, 583, 90-95	50.4	69
466	Complement genes contribute sex-biased vulnerability in diverse disorders. *Nature*, **2020**, 582, 577-581	50.4	71
465	Causal Attributions in an Australian Aboriginal Family With Marfan Syndrome: A Qualitative Study. *Frontiers in Genetics*, **2020**, 11, 461	4.5	1
464	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
463	Genomewide Association Study of Acute Anterior Uveitis Identifies New Susceptibility Loci **2020**, 61, 3		20
462	A missense mutation in the MLKL brace region promotes lethal neonatal inflammation and hematopoietic dysfunction. *Nature Communications*, **2020**, 11, 3150	17.4	41
461	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
460	Significant out-of-sample classification from methylation profile scoring for amyotrophic lateral sclerosis. *Npj Genomic Medicine*, **2020**, 5, 10	6.2	11
459	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
458	Biomarker development for axial spondyloarthritis. *Nature Reviews Rheumatology*, **2020**, 16, 448-463	8.1	20

457	Relapse Patterns in NMOSD: Evidence for Earlier Occurrence of Optic Neuritis and Possible Seasonal Variation. *Frontiers in Neurology*, **2020**, 11, 537	4.1	12
456	Whole-Exome Sequencing Reveals a Rare Missense Variant in in a Pedigree with Early-Onset Gout. *BioMed Research International*, **2020**, 2020, 4321419	3	5
455	Hippocampal plasticity underpins long-term cognitive gains from resistance exercise in MCI. *NeuroImage: Clinical*, **2020**, 25, 102182	5.3	25
454	Compound heterozygous mutations in FBN1 in a large family with Marfan syndrome. *Molecular Genetics & Genomic Medicine*, **2020**, 8, e1116	2.3	4
453	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	
452	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
451	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
450	Multiple sclerosis risk variants regulate gene expression in innate and adaptive immune cells. *Life Science Alliance*, **2020**, 3,	5.8	10
449	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
448	Update on stem cell technologies in congenital heart disease. *Journal of Cardiac Surgery*, **2020**, 35, 174-179	1.3	1
447	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
446	Nonsteroidal Antiinflammatory Drug Use and Association With Incident Hypertension in Ankylosing Spondylitis. *Arthritis Care and Research*, **2020**, 72, 1645-1652	4.7	11
445	MRI compared with low-dose CT scanning in the diagnosis of axial spondyloarthritis. *Clinical Rheumatology*, **2020**, 39, 1295-1303	3.9	11
444	Genetic risk scores in inflammatory arthritis: a new era?. *Nature Reviews Rheumatology*, **2020**, 16, 545-546	8.1	2
443	Factors influencing cancer genetic somatic mutation test ordering by cancer physician. *Journal of Translational Medicine*, **2020**, 18, 431	8.5	4
442	Septic Shock: A Genomewide Association Study and Polygenic Risk Score Analysis. *Twin Research and Human Genetics*, **2020**, 23, 204-213	2.2	1
441	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
440	Identification of susceptibility variants to benign childhood epilepsy with centro-temporal spikes (BECTS) in Chinese Han population. *EBioMedicine*, **2020**, 57, 102840	8.8	4

439	Genetics and the axial spondyloarthritis spectrum. *Rheumatology*, **2020**, 59, iv58-iv66	3.9	7
438	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
437	Epistatic interactions between killer immunoglobulin-like receptors and human leukocyte antigen ligands are associated with ankylosing spondylitis. *PLoS Genetics*, **2020**, 16, e1008906	6	8
436	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
435	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
434	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
433	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
432	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
431	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
430	Epistatic interactions between killer immunoglobulin-like receptors and human leukocyte antigen ligands are associated with ankylosing spondylitis **2020**, 16, e1008906		
429	Epistatic interactions between killer immunoglobulin-like receptors and human leukocyte antigen ligands are associated with ankylosing spondylitis **2020**, 16, e1008906		
428	Epistatic interactions between killer immunoglobulin-like receptors and human leukocyte antigen ligands are associated with ankylosing spondylitis **2020**, 16, e1008906		
427	Epistatic interactions between killer immunoglobulin-like receptors and human leukocyte antigen ligands are associated with ankylosing spondylitis **2020**, 16, e1008906		
426	Vitamin D-Binding Protein Deficiency and Homozygous Deletion of the GC Gene. *New England Journal of Medicine*, **2019**, 380, 2584-2585	59.2	3
425	Best practices in DNA methylation: lessons from inflammatory bowel disease, psoriasis and ankylosing spondylitis. *Arthritis Research and Therapy*, **2019**, 21, 133	5.7	15
424	Elevated / Expression During the Disease Process of Primary Sjgren's Syndrome. *Frontiers in Immunology*, **2019**, 10, 795	8.4	14
423	Natural history of fibrodysplasia ossificans progressiva: cross-sectional analysis of annotated baseline phenotypes. *Orphanet Journal of Rare Diseases*, **2019**, 14, 98	4.2	20
422	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

421	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	
420	Genetics of Axial Spondyloarthritis **2019**, 67-85		
419	The Gut Microbiome and Ankylosing Spondylitis **2019**, 87-95		1
418	Mice with a Brd4 Mutation Represent a New Model of Nephrocalcinosis. *Journal of Bone and Mineral Research*, **2019**, 34, 1324-1335	6.3	3
417	Genetic susceptibility to cervical neoplasia. *Papillomavirus Research (Amsterdam, Netherlands)*, **2019**, 7, 132-134	4.6	6
416	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
415	Bi-allelic Loss-of-Function CACNA1B Mutations in Progressive Epilepsy-Dyskinesia. *American Journal of Human Genetics*, **2019**, 104, 948-956	11	17
414	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
413	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
412	Comparative performances of machine learning methods for classifying Crohn Disease patients using genome-wide genotyping data. *Scientific Reports*, **2019**, 9, 10351	4.9	44
411	Association of Schizophrenia Risk With Disordered Niacin Metabolism in an Indian Genome-wide Association Study. *JAMA Psychiatry*, **2019**, 76, 1026-1034	14.5	24
410	GWAS for systemic sclerosis identifies multiple risk loci and highlights fibrotic and vasculopathy pathways. *Nature Communications*, **2019**, 10, 4955	17.4	46
409	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
408	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
407	HLA class I and II alleles in susceptibility to ankylosing spondylitis. *Annals of the Rheumatic Diseases*, **2019**, 78, 66-73	2.4	31
406	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
405	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
404	Special considerations for clinical trials in fibrodysplasia ossificans progressiva (FOP). *British Journal of Clinical Pharmacology*, **2019**, 85, 1199-1207	3.8	14

403	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
402	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
401	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
400	Point mutation in p14 -specific exon 1 of CDKN2A causing familial melanoma and astrocytoma. *British Journal of Dermatology*, **2018**, 178, e263-e264	4	0
399	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
398	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
397	Imputation-based analysis of alleles in the susceptibility to ankylosing spondylitis. *Annals of the Rheumatic Diseases*, **2018**, 77, 1691-1692	2.4	10
396	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	8
395	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
394	Evidence for a second ankylosing spondylitis-associated regulatory polymorphism. *RMD Open*, **2018**, 4, e000628	5.9	12
393	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
392	Solving the pathogenesis of ankylosing spondylitis. *Clinical Immunology*, **2018**, 186, 46-50	9	4
391	Genome-Wide Association Studies **2018**, 33-41		0
390	Genome-wide association study in Guillain-Barr syndrome. *Journal of Neuroimmunology*, **2018**, 323, 109-114	3.5	9
389	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
388	Non-classical human leucocyte antigens in ankylosing spondylitis: possible association with HLA-E and HLA-F. *RMD Open*, **2018**, 4, e000677	5.9	11
387	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
386	Type 1 diabetes susceptibility alleles are associated with distinct alterations in the gut microbiota. *Microbiome*, **2018**, 6, 35	16.6	40

385	Genome-wide association studies for diabetic macular edema and proliferative diabetic retinopathy. *BMC Medical Genetics*, **2018**, 19, 71	2.1	32
384	HLA and KIR Associations of Cervical Neoplasia. *Journal of Infectious Diseases*, **2018**, 218, 2006-2015	7	15
383	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
382	Genomic Dissection of Bipolar Disorder and Schizophrenia, Including 28 Subphenotypes. *Cell*, **2018**, 173, 1705-1715.e16	56.2	360
381	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
380	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
379	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
378	The FOP Connection Registry: Design of an international patient-sponsored registry for Fibrodysplasia Ossificans Progressiva. *Bone*, **2018**, 109, 285-290	4.7	13
377	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
376	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
375	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
374	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
373	Novel pleiotropic risk loci for melanoma and nevus density implicate multiple biological pathways. *Nature Communications*, **2018**, 9, 4774	17.4	47
372	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
371	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
370	De Novo Truncating Mutations in WASF1 Cause Intellectual Disability with Seizures. *American Journal of Human Genetics*, **2018**, 103, 144-153	11	18
369	Rare variants in Fanconi anemia genes are enriched in acute myeloid leukemia. *Blood Cancer Journal* , **2018**, 8, 50	7	13
368	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

367	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
366	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
365	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
364	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
363	Pathogenesis of ankylosing spondylitis - recent advances and future directions. *Nature Reviews Rheumatology*, **2017**, 13, 359-367	8.1	143
362	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
361	Incidence and prevalence of NMOSD in Australia and New Zealand. *Journal of Neurology, Neurosurgery and Psychiatry*, **2017**, 88, 632-638	5.5	72
360	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
359	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
358	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
357	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
356	Rare, Potentially Pathogenic Variants in ZNF469 Are Not Enriched in Keratoconus in a Large Australian Cohort of European Descent **2017**, 58, 6248-6256		12
355	Whole-exome sequencing in amyotrophic lateral sclerosis suggests NEK1 is a risk gene in Chinese. *Genome Medicine*, **2017**, 9, 97	14.4	17
354	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
353	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
352	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
351	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
350	Cross-ethnic meta-analysis identifies association of the GPX3-TNIP1 locus with amyotrophic lateral sclerosis. *Nature Communications*, **2017**, 8, 611	17.4	45

349	Genetics and the Causes of Ankylosing Spondylitis. *Rheumatic Disease Clinics of North America*, **2017**, 43, 401-414	2.4	43
348	NAD Deficiency, Congenital Malformations, and Niacin Supplementation. *New England Journal of Medicine*, **2017**, 377, 544-552	59.2	114
347	Ethnicity and disease severity in ankylosing spondylitis a cross-sectional analysis of three ethnic groups. *Clinical Rheumatology*, **2017**, 36, 2359-2364	3.9	19
346	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
345	10 Years of GWAS Discovery: Biology, Function, and Translation. *American Journal of Human Genetics*, **2017**, 101, 5-22	11	1651
344	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
343	International physician survey on management of FOP: a modified Delphi study. *Orphanet Journal of Rare Diseases*, **2017**, 12, 110	4.2	8
342	Cancer predisposition syndromes: lessons for truly precision medicine. *Journal of Pathology*, **2017**, 241, 226-235	9.4	10
341	Progress of genome-wide association studies of ankylosing spondylitis. *Clinical and Translational Immunology*, **2017**, 6, e163	6.8	29
340	Contribution of Mutations in Known Mendelian Glaucoma Genes to Advanced Early-Onset Primary Open-Angle Glaucoma **2017**, 58, 1537-1544		11
339	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
338	New approaches in ankylosing spondylitis. *Medical Journal of Australia*, **2017**, 206, 192-194	4	2
337	Influence of Cigarette Smoking on Rheumatoid Arthritis Risk in the Han Chinese Population. *Frontiers in Medicine*, **2017**, 4, 76	4.9	6
336	Defining the genetic susceptibility to cervical neoplasia-A genome-wide association study. *PLoS Genetics*, **2017**, 13, e1006866	6	55
335	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
334	The Intestinal Microbiome, the Immune System and Spondyloarthropathy **2017**, 145-165		
333	Genetic diagnostic profiling in axial spondyloarthritis: a real world study. *Clinical and Experimental Rheumatology*, **2017**, 35, 229-233	2.2	16
332	Genetics of ankylosing spondylitis--insights into pathogenesis. *Nature Reviews Rheumatology*, **2016**, 12, 81-91	8.1	156

331	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
330	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
329	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
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1	Missense mutations in the MLKL brace region lead to lethal neonatal inflammation in mice and are present in high frequency in humans		4