

Sara Marsal

List of Publications by Citations

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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.

77
papers

5,000
citations

30
h-index

70
g-index

82
ext. papers

6,658
ext. citations

6
avg. IF

4.74
L-index

#	Paper	IF	Citations
77	Genomewide Association Study of Severe Covid-19 with Respiratory Failure. <i>New England Journal of Medicine</i> , 2020 , 383, 1522-1534	59.2	913
76	Modeling Linkage Disequilibrium Increases Accuracy of Polygenic Risk Scores. <i>American Journal of Human Genetics</i> , 2015 , 97, 576-92	11	649
75	Partitioning heritability of regulatory and cell-type-specific variants across 11 common diseases. <i>American Journal of Human Genetics</i> , 2014 , 95, 535-52	11	411
74	Analytical methods in untargeted metabolomics: state of the art in 2015. <i>Frontiers in Bioengineering and Biotechnology</i> , 2015 , 3, 23	5.8	377
73	Genome-wide association study identifies eight risk loci and implicates metabo-psychiatric origins for anorexia nervosa. <i>Nature Genetics</i> , 2019 , 51, 1207-1214	36.3	303
72	Significant Locus and Metabolic Genetic Correlations Revealed in Genome-Wide Association Study of Anorexia Nervosa. <i>American Journal of Psychiatry</i> , 2017 , 174, 850-858	11.9	276
71	Genetic structure of Europeans: a view from the North-East. <i>PLoS ONE</i> , 2009 , 4, e5472	3.7	237
70	Intravenous administration of expanded allogeneic adipose-derived mesenchymal stem cells in refractory rheumatoid arthritis (Cx611): results of a multicentre, dose escalation, randomised, single-blind, placebo-controlled phase Ib/IIa clinical trial. <i>Annals of the Rheumatic Diseases</i> , 2017 , 76, 196-202	2.4	137
69	Antiangiogenic effects of anti-tumor necrosis factor alpha therapy with infliximab in psoriatic arthritis. <i>Arthritis and Rheumatism</i> , 2004 , 50, 1636-41		112
68	Incidence of COVID-19 in a cohort of adult and paediatric patients with rheumatic diseases treated with targeted biologic and synthetic disease-modifying anti-rheumatic drugs. <i>Seminars in Arthritis and Rheumatism</i> , 2020 , 50, 564-570	5.3	92
67	Genome-wide association study of rheumatoid arthritis in the Spanish population: KLF12 as a risk locus for rheumatoid arthritis susceptibility. <i>Arthritis and Rheumatism</i> , 2008 , 58, 2275-86		88
66	An eight-gene blood expression profile predicts the response to infliximab in rheumatoid arthritis. <i>PLoS ONE</i> , 2009 , 4, e7556	3.7	81
65	Synovial lymphoid neogenesis is associated with IL-23 expression and disease activity in rheumatoid arthritis. <i>Journal of Translational Medicine</i> , 2011 , 9,	8.5	78
64	Urine metabolome profiling of immune-mediated inflammatory diseases. <i>BMC Medicine</i> , 2016 , 14, 133	11.4	67
63	2014 update of the Consensus Statement of the Spanish Society of Rheumatology on the use of biological therapies in rheumatoid arthritis. <i>Reumatología Clínica</i> , 2015 , 11, 279-94	0.9	60
62	Risk variants for psoriasis vulgaris in a large case-control collection and association with clinical subphenotypes. <i>Human Molecular Genetics</i> , 2012 , 21, 4549-57	5.6	60
61	Estimation of Genetic Correlation via Linkage Disequilibrium Score Regression and Genomic Restricted Maximum Likelihood. <i>American Journal of Human Genetics</i> , 2018 , 102, 1185-1194	11	55

60	GWAS replication study confirms the association of PDE3A-SLCO1C1 with anti-TNF therapy response in rheumatoid arthritis. <i>Pharmacogenomics</i> , 2013 , 14, 727-34	2.6	52
59	Genetic characterization of northeastern Italian population isolates in the context of broader European genetic diversity. <i>European Journal of Human Genetics</i> , 2013 , 21, 659-65	5.3	50
58	Genome-wide association study meta-analysis identifies five new loci for systemic lupus erythematosus. <i>Arthritis Research and Therapy</i> , 2018 , 20, 100	5.7	47
57	Synovial fibroblast hyperplasia in rheumatoid arthritis: clinicopathologic correlations and partial reversal by anti-tumor necrosis factor therapy. <i>Arthritis and Rheumatism</i> , 2011 , 63, 2575-83		45
56	AStream: an R package for annotating LC/MS metabolomic data. <i>Bioinformatics</i> , 2011 , 27, 1339-40	7.2	41
55	Evidence for Genetic Overlap Between Schizophrenia and Age at First Birth in Women. <i>JAMA Psychiatry</i> , 2016 , 73, 497-505	14.5	40
54	Identification of risk loci for Crohn's disease phenotypes using a genome-wide association study. <i>Gastroenterology</i> , 2015 , 148, 794-805	13.3	39
53	Epigenome-wide association study of rheumatoid arthritis identifies differentially methylated loci in B cells. <i>Human Molecular Genetics</i> , 2017 , 26, 2803-2811	5.6	37
52	A genome-wide association study on a southern European population identifies a new Crohn's disease susceptibility locus at RBX1-EP300. <i>Gut</i> , 2013 , 62, 1440-5	19.2	35
51	Association of HLA class II genes with systemic sclerosis in Spanish patients. <i>Journal of Rheumatology</i> , 2009 , 36, 2733-6	4.1	35
50	Focus: a robust workflow for one-dimensional NMR spectral analysis. <i>Analytical Chemistry</i> , 2014 , 86, 1160-9		33
49	A genome-wide association study identifies a novel locus at 6q22.1 associated with ulcerative colitis. <i>Human Molecular Genetics</i> , 2014 , 23, 6927-34	5.6	31
48	Pro- and anti-inflammatory eicosanoids in psoriatic arthritis. <i>Metabolomics</i> , 2019 , 15, 65	4.7	30
47	Identification of a two-loci epistatic interaction associated with susceptibility to rheumatoid arthritis through reverse engineering and multifactor dimensionality reduction. <i>Genomics</i> , 2007 , 90, 6-13	4.3	30
46	Variation at FCGR2A and functionally related genes is associated with the response to anti-TNF therapy in rheumatoid arthritis. <i>PLoS ONE</i> , 2015 , 10, e0122088	3.7	26
45	Cardiovascular disease in immune-mediated inflammatory diseases: A cross-sectional analysis of 6 cohorts. <i>Medicine (United States)</i> , 2017 , 96, e7308	1.8	25
44	Genetic variation at the glycosaminoglycan metabolism pathway contributes to the risk of psoriatic arthritis but not psoriasis. <i>Annals of the Rheumatic Diseases</i> , 2019 , 78,	2.4	25
43	Associations Between Attention-Deficit/Hyperactivity Disorder and Various Eating Disorders: A Swedish Nationwide Population Study Using Multiple Genetically Informative Approaches. <i>Biological Psychiatry</i> , 2019 , 86, 577-586	7.9	24

42	Genome-Wide Pathway Analysis Identifies Genetic Pathways Associated with Psoriasis. <i>Journal of Investigative Dermatology</i> , 2016 , 136, 593-602	4.3	24
41	A functional variant of TLR10 modifies the activity of NFkB and may help predict a worse prognosis in patients with rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2016 , 18, 221	5.7	24
40	Deletion of the late cornified envelope genes, LCE3C and LCE3B, is associated with rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2010 , 62, 1246-51		23
39	DAS-28-based EULAR response and HAQ improvement in rheumatoid arthritis patients switching between TNF antagonists. <i>BMC Musculoskeletal Disorders</i> , 2009 , 10, 91	2.8	21
38	aRNApipe: a balanced, efficient and distributed pipeline for processing RNA-seq data in high-performance computing environments. <i>Bioinformatics</i> , 2017 , 33, 1727-1729	7.2	18
37	Identification of candidate genes for rituximab response in rheumatoid arthritis patients by microarray expression profiling in blood cells. <i>Pharmacogenomics</i> , 2009 , 10, 1697-708	2.6	18
36	Genome-wide transcriptional analysis of T cell activation reveals differential gene expression associated with psoriasis. <i>BMC Genomics</i> , 2013 , 14, 825	4.5	17
35	A deletion at ADAMTS9-MAGI1 locus is associated with psoriatic arthritis risk. <i>Annals of the Rheumatic Diseases</i> , 2015 , 74, 1875-81	2.4	15
34	Novel insights into the regulatory architecture of CD4+ T cells in rheumatoid arthritis. <i>PLoS ONE</i> , 2014 , 9, e100690	3.7	14
33	CNstream: a method for the identification and genotyping of copy number polymorphisms using Illumina microarrays. <i>BMC Bioinformatics</i> , 2010 , 11, 264	3.6	13
32	Shared genetic risk between eating disorder- and substance-use-related phenotypes: Evidence from genome-wide association studies. <i>Addiction Biology</i> , 2021 , 26, e12880	4.6	12
31	A cross-disease meta-GWAS identifies four new susceptibility loci shared between systemic sclerosis and Crohn's disease. <i>Scientific Reports</i> , 2020 , 10, 1862	4.9	11
30	A Combined Transcriptomic and Genomic Analysis Identifies a Gene Signature Associated With the Response to Anti-TNF Therapy in Rheumatoid Arthritis. <i>Frontiers in Immunology</i> , 2019 , 10, 1459	8.4	11
29	Genome-wide pathway analysis identifies VEGF pathway association with oral ulceration in systemic lupus erythematosus. <i>Arthritis Research and Therapy</i> , 2017 , 19, 138	5.7	11
28	Variation at interleukin-6 receptor gene is associated to joint damage in rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2015 , 17, 242	5.7	10
27	Rheumatoid arthritis pharmacogenomics. <i>Pharmacogenomics</i> , 2010 , 11, 617-9	2.6	10
26	A genome-wide association study identifies SLC8A3 as a susceptibility locus for ACPA-positive rheumatoid arthritis. <i>Rheumatology</i> , 2016 , 55, 1106-11	3.9	10
25	Biosimilar and interchangeable: Inseparable scientific concepts?. <i>British Journal of Clinical Pharmacology</i> , 2019 , 85, 2460-2463	3.8	9

24	Rheumatology assistance care in Catalonia (Spain): year 2012. <i>Reumatología Clínica</i> , 2014 , 10, 85-8	0.9	9
23	Loss of imprinting of IGF2 characterises high IGF2 mRNA-expressing type of fibroblast-like synoviocytes in rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2010 , 69, 1239-42	2.4	9
22	Discoidin domain receptor 1 gene variants are associated with decreased white matter fractional anisotropy and decreased processing speed in schizophrenia. <i>Journal of Psychiatric Research</i> , 2019 , 110, 74-82	5.2	8
21	PDE3A-SLCO1C1 locus is associated with response to anti-tumor necrosis factor therapy in psoriatic arthritis. <i>Pharmacogenomics</i> , 2014 , 15, 1763-1769	2.6	6
20	The genetic architecture of rheumatoid arthritis: from susceptibility to clinical subphenotype associations. <i>Current Topics in Medicinal Chemistry</i> , 2013 , 13, 720-31	3	6
19	Identification of IRX1 as a Risk Locus for Rheumatoid Factor Positivity in Rheumatoid Arthritis in a Genome-Wide Association Study. <i>Arthritis and Rheumatology</i> , 2016 , 68, 1384-91	9.5	5
18	Metabolomics in rheumatic diseases. <i>International Journal of Clinical Rheumatology</i> , 2014 , 9, 353-369	1.5	5
17	Genetic variation associated with cardiovascular risk in autoimmune diseases. <i>PLoS ONE</i> , 2017 , 12, e0185889	3.7	4
16	Incidence of COVID-19 in a cohort of adult and paediatric patients with rheumatic diseases treated with targeted biologic and synthetic disease-modifying anti-rheumatic drugs		4
15	Unveiling case-control relationships in designing a simple and powerful method for detecting gene-gene interactions. <i>Genetic Epidemiology</i> , 2012 , 36, 710-6	2.6	3
14	GStream: improving SNP and CNV coverage on genome-wide association studies. <i>PLoS ONE</i> , 2013 , 8, e68822	3.7	3
13	Genetic association between CD96 locus and immunogenicity to anti-TNF therapy in Crohn's disease. <i>Pharmacogenomics Journal</i> , 2019 , 19, 547-555	3.5	2
12	Population-based identity-by-descent mapping combined with exome sequencing to detect rare risk variants for schizophrenia. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2019 , 180, 223-231	3.5	2
11	Clinical and therapeutic management of rheumatoid arthritis with biological disease-modifying antirheumatic drugs: RADAR study. <i>Rheumatology International</i> , 2019 , 39, 2015-2024	3.6	2
10	aRNApipe: A balanced, efficient and distributed pipeline for processing RNA-seq data in high performance computing environments		2
9	Targeting of the CD80/86 proinflammatory axis as a therapeutic strategy to prevent severe COVID-19. <i>Scientific Reports</i> , 2021 , 11, 11462	4.9	2
8	Lack of association between the corticotropin-releasing hormone locus and rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2004 , 50, 2706-8		1
7	Food groups associated with immune-mediated inflammatory diseases: a Mendelian randomization and disease severity study. <i>European Journal of Clinical Nutrition</i> , 2021 , 75, 1368-1382	5.2	1

6	Interactions between rheumatoid arthritis antibodies are associated with the response to anti-tumor necrosis factor therapy. <i>BMC Musculoskeletal Disorders</i> , 2021 , 22, 372	2.8	1
5	Retention of subcutaneous abatacept for the treatment of rheumatoid arthritis: real-world results from the ASCORE study: an international 2-year observational study.. <i>Clinical Rheumatology</i> , 2022 , 1	3.9	1
4	Longitudinal analysis of blood DNA methylation identifies mechanisms of response to tumor necrosis factor inhibitor therapy in rheumatoid arthritis.. <i>EBioMedicine</i> , 2022 , 80, 104053	8.8	0
3	Functional rare variants influence the clinical response to anti-TNF therapy in Crohn's disease. <i>Therapeutic Advances in Gastroenterology</i> , 2019 , 12, 1756284819867848	4.7	
2	A questionnaire-based study on contraceptive practice in patients with rheumatic disease found no significant difference in age-matched healthy controls. <i>Rheumatology International</i> , 2020 , 40, 1473-1480 ^{3.6}		
1	Dietary habits in patients with fibromyalgia: a cross-sectional study. <i>Clinical and Experimental Rheumatology</i> , 2021 , 39 Suppl 130, 170-173	2.2	