

Sara Marsal

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

7,512
citations

126708

33
h-index

69108

77
g-index

82
all docs

82
docs citations

82
times ranked

19074
citing authors

#	ARTICLE	IF	CITATIONS
1	Genomewide Association Study of Severe Covid-19 with Respiratory Failure. <i>New England Journal of Medicine</i> , 2020, 383, 1522-1534.	13.9	1,548
2	Modeling Linkage Disequilibrium Increases Accuracy of Polygenic Risk Scores. <i>American Journal of Human Genetics</i> , 2015, 97, 576-592.	2.6	1,098
3	Genome-wide association study identifies eight risk loci and implicates metabo-psychiatric origins for anorexia nervosa. <i>Nature Genetics</i> , 2019, 51, 1207-1214.	9.4	641
4	Partitioning Heritability of Regulatory and Cell-Type-Specific Variants across 11 Common Diseases. <i>American Journal of Human Genetics</i> , 2014, 95, 535-552.	2.6	569
5	Analytical Methods in Untargeted Metabolomics: State of the Art in 2015. <i>Frontiers in Bioengineering and Biotechnology</i> , 2015, 3, 23.	2.0	495
6	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.	4.0	410
7	Genetic Structure of Europeans: A View from the North-East. <i>PLoS ONE</i> , 2009, 4, e5472.	1.1	279
8	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.	0.5	194
9	Antiangiogenic effects of anti-tumor necrosis factor α therapy with infliximab in psoriatic arthritis. <i>Arthritis and Rheumatism</i> , 2004, 50, 1636-1641.	6.7	137
10	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.	1.6	129
11	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.	2.6	119
12	Genome-wide association study meta-analysis identifies five new loci for systemic lupus erythematosus. <i>Arthritis Research and Therapy</i> , 2018, 20, 100.	1.6	102
13	Genome-wide association study of rheumatoid arthritis in the Spanish population: <i>KLF12</i> as a risk locus for rheumatoid arthritis susceptibility. <i>Arthritis and Rheumatism</i> , 2008, 58, 2275-2286.	6.7	100
14	Urine metabolome profiling of immune-mediated inflammatory diseases. <i>BMC Medicine</i> , 2016, 14, 133.	2.3	97
15	An Eight-Gene Blood Expression Profile Predicts the Response to Infliximab in Rheumatoid Arthritis. <i>PLoS ONE</i> , 2009, 4, e7556.	1.1	94
16	Actualizaci3n 2014 del Documento de Consenso de la Sociedad Espaola de Reumatologaa sobre el uso de terapias biol3gicas en la artritis reumatoide. <i>Reumatologaa Clnica</i> , 2015, 11, 279-294.	0.2	89
17	Risk variants for psoriasis vulgaris in a large case-control collection and association with clinical subphenotypes. <i>Human Molecular Genetics</i> , 2012, 21, 4549-4557.	1.4	79
18	Epigenome-wide association study of rheumatoid arthritis identifies differentially methylated loci in B cells. <i>Human Molecular Genetics</i> , 2017, 26, 2803-2811.	1.4	67

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19	Synovial fibroblast hyperplasia in rheumatoid arthritis: Clinicopathologic correlations and partial reversal by anti-tumor necrosis factor therapy. <i>Arthritis and Rheumatism</i> , 2011, 63, 2575-2583.	6.7	66
20	Genetic characterization of northeastern Italian population isolates in the context of broader European genetic diversity. <i>European Journal of Human Genetics</i> , 2013, 21, 659-665.	1.4	64
21	GWAS replication study confirms the association of <i>SLCO1C1</i> with anti-TNF therapy response in rheumatoid arthritis. <i>Pharmacogenomics</i> , 2013, 14, 727-734.	0.6	61
22	Evidence for Genetic Overlap Between Schizophrenia and Age at First Birth in Women. <i>JAMA Psychiatry</i> , 2016, 73, 497.	6.0	51
23	Pro- and anti-inflammatory eicosanoids in psoriatic arthritis. <i>Metabolomics</i> , 2019, 15, 65.	1.4	49
24	AStream: an R package for annotating LC/MS metabolomic data. <i>Bioinformatics</i> , 2011, 27, 1339-1340.	1.8	46
25	Identification of Risk Loci for Crohn's Disease Phenotypes Using a Genome-Wide Association Study. <i>Gastroenterology</i> , 2015, 148, 794-805.	0.6	46
26	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, 355-364.	0.5	44
27	Association of HLA Class II Genes with Systemic Sclerosis in Spanish Patients. <i>Journal of Rheumatology</i> , 2009, 36, 2733-2736.	1.0	43
28	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.	0.7	43
29	A genome-wide association study on a southern European population identifies a new Crohn's disease susceptibility locus at <i>RBX1-EP300</i> . <i>Gut</i> , 2013, 62, 1440-1445.	6.1	42
30	A genome-wide association study identifies a novel locus at 6q22.1 associated with ulcerative colitis. <i>Human Molecular Genetics</i> , 2014, 23, 6927-6934.	1.4	39
31	Focus: A Robust Workflow for One-Dimensional NMR Spectral Analysis. <i>Analytical Chemistry</i> , 2014, 86, 1160-1169.	3.2	36
32	A functional variant of TLR10 modifies the activity of NF κ B and may help predict a worse prognosis in patients with rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2016, 18, 221.	1.6	35
33	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.	1.3	34
34	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.	1.1	33
35	Cardiovascular disease in immune-mediated inflammatory diseases. <i>Medicine (United States)</i> , 2017, 96, e7308.	0.4	32
36	Shared genetic risk between eating disorder and substance use-related phenotypes: Evidence from genome-wide association studies. <i>Addiction Biology</i> , 2021, 26, e12880.	1.4	28

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37	Genome-Wide Pathway Analysis Identifies Genetic Pathways Associated with Psoriasis. <i>Journal of Investigative Dermatology</i> , 2016, 136, 593-602.	0.3	27
38	DAS-28-based EULAR response and HAQ improvement in rheumatoid arthritis patients switching between TNF antagonists. <i>BMC Musculoskeletal Disorders</i> , 2009, 10, 91.	0.8	26
39	Deletion of the late cornified envelope genes, <i>LCE3C</i> and <i>LCE3B</i> , is associated with rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2010, 62, 1246-1251.	6.7	26
40	Genome-wide transcriptional analysis of T cell activation reveals differential gene expression associated with psoriasis. <i>BMC Genomics</i> , 2013, 14, 825.	1.2	25
41	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.	2.2	24
42	aRNApipe: a balanced, efficient and distributed pipeline for processing RNA-seq data in high-performance computing environments. <i>Bioinformatics</i> , 2017, 33, 1727-1729.	1.8	23
43	Identification of candidate genes for rituximab response in rheumatoid arthritis patients by microarray expression profiling in blood cells. <i>Pharmacogenomics</i> , 2009, 10, 1697-1708.	0.6	22
44	Novel Insights into the Regulatory Architecture of CD4+ T Cells in Rheumatoid Arthritis. <i>PLoS ONE</i> , 2014, 9, e100690.	1.1	22
45	Rheumatoid arthritis pharmacogenomics. <i>Pharmacogenomics</i> , 2010, 11, 617-619.	0.6	20
46	A deletion at ADAMTS9-MAGI1 locus is associated with psoriatic arthritis risk. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 1875-1881.	0.5	18
47	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.	1.5	18
48	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.	1.6	18
49	CNstream: A method for the identification and genotyping of copy number polymorphisms using Illumina microarrays. <i>BMC Bioinformatics</i> , 2010, 11, 264.	1.2	15
50	A genome-wide association study identifies <i>SLC8A3</i> as a susceptibility locus for ACPA-positive rheumatoid arthritis. <i>Rheumatology</i> , 2016, 55, 1106-1111.	0.9	14
51	Genome-wide pathway analysis identifies VEGF pathway association with oral ulceration in systemic lupus erythematosus. <i>Arthritis Research and Therapy</i> , 2017, 19, 138.	1.6	14
52	Systemic Lupus Erythematosus: Genomics, Mechanisms, and Therapies. <i>Clinical and Developmental Immunology</i> , 2012, 2012, 1-2.	3.3	12
53	Biosimilar and interchangeable: Inseparable scientific concepts?. <i>British Journal of Clinical Pharmacology</i> , 2019, 85, 2460-2463.	1.1	12
54	Loss of imprinting of <i>IGF2</i> characterises high IGF2 mRNA-expressing type of fibroblast-like synoviocytes in rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2010, 69, 1239-1242.	0.5	11

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55	Variation at interleukin-6 receptor gene is associated to joint damage in rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2015, 17, 242.	1.6	11
56	Targeting of the CD80/86 proinflammatory axis as a therapeutic strategy to prevent severe COVID-19. <i>Scientific Reports</i> , 2021, 11, 11462.	1.6	11
57	Asistencia reumatológica en el sector sanitario público de Cataluña: año 2012. <i>Reumatología Clínica</i> , 2014, 10, 85-88.	0.2	10
58	The Genetic Architecture of Rheumatoid Arthritis: From Susceptibility to Clinical Subphenotype Associations. <i>Current Topics in Medicinal Chemistry</i> , 2013, 13, 720-731.	1.0	9
59	<i>PDE3A-SLCO1C1</i> locus is associated with response to anti-tumor necrosis factor therapy in psoriatic arthritis. <i>Pharmacogenomics</i> , 2014, 15, 1763-1769.	0.6	9
60	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.	2.7	9
61	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.	1.0	7
62	Metabolomics in rheumatic diseases. <i>International Journal of Clinical Rheumatology</i> , 2014, 9, 353-369.	0.3	6
63	Identification of <i>IRX1</i> as a Risk Locus for Rheumatoid Factor Positivity in Rheumatoid Arthritis in a Genome-Wide Association Study. <i>Arthritis and Rheumatology</i> , 2016, 68, 1384-1391.	2.9	6
64	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.	1.3	5
65	Genetic variation associated with cardiovascular risk in autoimmune diseases. <i>PLoS ONE</i> , 2017, 12, e0185889.	1.1	5
66	GStream: Improving SNP and CNV Coverage on Genome-Wide Association Studies. <i>PLoS ONE</i> , 2013, 8, e68822.	1.1	4
67	Pharmacogenomics of anti-TNF response in psoriasis, where are we?. <i>Pharmacogenomics</i> , 2016, 17, 323-326.	0.6	4
68	Genetic association between CD96 locus and immunogenicity to anti-TNF therapy in Crohn's disease. <i>Pharmacogenomics Journal</i> , 2019, 19, 547-555.	0.9	4
69	Interactions between rheumatoid arthritis antibodies are associated with the response to anti-tumor necrosis factor therapy. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 372.	0.8	4
70	Unveiling Case-Control Relationships in Designing a Simple and Powerful Method for Detecting Gene-Gene Interactions. <i>Genetic Epidemiology</i> , 2012, 36, 710-716.	0.6	3
71	Clinical and therapeutic management of rheumatoid arthritis with biological disease-modifying antirheumatic drugs: RADAR study. <i>Rheumatology International</i> , 2019, 39, 2015-2024.	1.5	2
72	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.	1.1	2

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73	Lack of association between the corticotropin-releasing hormone locus and rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2004, 50, 2706-2708.	6.7	1
74	Functional rare variants influence the clinical response to anti-TNF therapy in Crohn's disease. <i>Therapeutic Advances in Gastroenterology</i> , 2019, 12, 175628481986784.	1.4	1
75	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.	1.5	1
76	Synovial lymphoid neogenesis is associated with IL-23 expression and disease activity in rheumatoid arthritis. <i>Journal of Translational Medicine</i> , 2011, 9, .	1.8	0
77	Dietary habits in patients with fibromyalgia: a cross-sectional study. <i>Clinical and Experimental Rheumatology</i> , 2021, 39 Suppl 130, 170-173.	0.4	0
78	Trajectories in early rheumatoid arthritis related fatigue over 10 years: results from the ESPOIR cohort. <i>Clinical and Experimental Rheumatology</i> , 2021, , .	0.4	0