

Antonio Juliã Cano

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

7,078
citations

147566

31
h-index

98622

67
g-index

72
all docs

72
docs citations

72
times ranked

18097
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 | 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 |
| 9 | 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 |
| 10 | A Comparison of Ten Polygenic Score Methods for Psychiatric Disorders Applied Across Multiple Cohorts. <i>Biological Psychiatry</i> , 2021, 90, 611-620. | 0.7 | 103 |
| 11 | 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 |
| 12 | 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 |
| 13 | Urine metabolome profiling of immune-mediated inflammatory diseases. <i>BMC Medicine</i> , 2016, 14, 133. | 2.3 | 97 |
| 14 | An Eight-Gene Blood Expression Profile Predicts the Response to Infliximab in Rheumatoid Arthritis. <i>PLoS ONE</i> , 2009, 4, e7556. | 1.1 | 94 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | GWAS replication study confirms the association of <i>PDE3A-SLCO1C1</i> with anti-TNF therapy response in rheumatoid arthritis. <i>Pharmacogenomics</i> , 2013, 14, 727-734. | 0.6 | 61 |

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|----|--|-----|-----------|
| 19 | Sex-Dependent Shared and Nonshared Genetic Architecture Across Mood and Psychotic Disorders. <i>Biological Psychiatry</i> , 2022, 91, 102-117. | 0.7 | 61 |
| 20 | Evidence for Genetic Overlap Between Schizophrenia and Age at First Birth in Women. <i>JAMA Psychiatry</i> , 2016, 73, 497. | 6.0 | 51 |
| 21 | AStream: an R package for annotating LC/MS metabolomic data. <i>Bioinformatics</i> , 2011, 27, 1339-1340. | 1.8 | 46 |
| 22 | 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 |
| 23 | Detailed stratified GWAS analysis for severe COVID-19 in four European populations. <i>Human Molecular Genetics</i> , 2022, 31, 3945-3966. | 1.4 | 46 |
| 24 | 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 |
| 25 | 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 |
| 26 | 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 |
| 27 | 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 |
| 28 | Focus: A Robust Workflow for One-Dimensional NMR Spectral Analysis. <i>Analytical Chemistry</i> , 2014, 86, 1160-1169. | 3.2 | 36 |
| 29 | A functional variant of TLR10 modifies the activity of NFκB and may help predict a worse prognosis in patients with rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2016, 18, 221. | 1.6 | 35 |
| 30 | 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 |
| 31 | 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 |
| 32 | Cardiovascular disease in immune-mediated inflammatory diseases. <i>Medicine (United States)</i> , 2017, 96, e7308. | 0.4 | 32 |
| 33 | 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 |
| 34 | Genome-Wide Pathway Analysis Identifies Genetic Pathways Associated with Psoriasis. <i>Journal of Investigative Dermatology</i> , 2016, 136, 593-602. | 0.3 | 27 |
| 35 | 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 |
| 36 | The Pathogenesis and Genetics of Psoriasis. <i>Actas Dermo-sifiliográficas</i> , 2014, 105, 535-545. | 0.2 | 26 |

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|----|--|-----|-----------|
| 37 | 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 |
| 38 | 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 |
| 39 | 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 |
| 40 | Novel Insights into the Regulatory Architecture of CD4+ T Cells in Rheumatoid Arthritis. <i>PLoS ONE</i> , 2014, 9, e100690. | 1.1 | 22 |
| 41 | Rheumatoid arthritis pharmacogenomics. <i>Pharmacogenomics</i> , 2010, 11, 617-619. | 0.6 | 20 |
| 42 | A deletion at ADAMTS9-MAG11 locus is associated with psoriatic arthritis risk. <i>Annals of the Rheumatic Diseases</i> , 2015, 74, 1875-1881. | 0.5 | 18 |
| 43 | 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 |
| 44 | 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 |
| 45 | 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 |
| 46 | 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 |
| 47 | 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 |
| 48 | 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 |
| 49 | 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 |
| 50 | 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 |
| 51 | <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 |
| 52 | Lower peripheral helper T cell levels in the synovium are associated with a better response to anti-TNF therapy in rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2020, 22, 196. | 1.6 | 9 |
| 53 | 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 |
| 54 | Metabolomics in rheumatic diseases. <i>International Journal of Clinical Rheumatology</i> , 2014, 9, 353-369. | 0.3 | 6 |

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|----|--|-----|-----------|
| 55 | 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 |
| 56 | 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 |
| 57 | Genetic variation associated with cardiovascular risk in autoimmune diseases. <i>PLoS ONE</i> , 2017, 12, e0185889. | 1.1 | 5 |
| 58 | GStream: Improving SNP and CNV Coverage on Genome-Wide Association Studies. <i>PLoS ONE</i> , 2013, 8, e68822. | 1.1 | 4 |
| 59 | Pharmacogenomics of anti-TNF response in psoriasis, where are we?. <i>Pharmacogenomics</i> , 2016, 17, 323-326. | 0.6 | 4 |
| 60 | 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 |
| 61 | 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 |
| 62 | 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 |
| 63 | Lack of association between the corticotropin-releasing hormone locus and rheumatoid arthritis. <i>Arthritis and Rheumatism</i> , 2004, 50, 2706-2708. | 6.7 | 1 |
| 64 | Leveraging Molecular Data Analysis to Understand Drug Response in Systemic Sclerosis. <i>Journal of Investigative Dermatology</i> , 2017, 137, 1000-1002. | 0.3 | 1 |
| 65 | 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 |
| 66 | 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 |