# Antonella Mulas

## List of Publications by Year in descending order



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|---|---|---|---|
| 48 papers | 18,978 citations | 94381 37 h-index | 197736 49 g-index |
| 51 all docs | 51 docs citations | 51 times ranked | 29449 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | PRF1 mutation alters immune system activation, inflammation, and risk of autoimmunity. Multiple Sclerosis Journal, 2021, 27, 1332-1340. | 1.4 | 13 |
| 2 | Genetic insights into biological mechanisms governing human ovarian ageing. Nature, 2021, 596, 393-397. | 13.7 | 183 |
| 3 | Complex genetic signatures in immune cells underlie autoimmunity and inform therapy. Nature Genetics, 2020, 52, 1036-1045. | 9.4 | 153 |
| 4 | A Sardinian founder mutation in glycoprotein Ib platelet subunit beta ( GP1BB ) that impacts thrombocytopenia. British Journal of Haematology, 2020, 191, e124-e128. | 1.2 | 2 |
| 5 | Association studies of up to 1.2 million individuals yield new insights into the genetic etiology of tobacco and alcohol use. Nature Genetics, 2019, 51, 237-244. | 9.4 | 1,307 |
| 6 | Cooperative translational control of polymorphic BAFF by NF90 and miR-15a. Nucleic Acids Research, 2018, 46, 12040-12051. | 6.5 | 27 |
| 7 | Population- and individual-specific regulatory variation in Sardinia. Nature Genetics, 2017, 49, 700-707. | 9.4 | 38 |
| 8 | Discovery of novel heart rate-associated loci using the Exome Chip. Human Molecular Genetics, 2017, 26, 2346-2363. | 1.4 | 29 |
| 9 | Overexpression of the Cytokine BAFF and Autoimmunity Risk. New England Journal of Medicine, 2017, 376, 1615-1626. | 13.9 | 301 |
| 10 | Whole-Genome Sequencing Coupled to Imputation Discovers Genetic Signals for Anthropometric Traits. American Journal of Human Genetics, 2017, 100, 865-884. | 2.6 | 131 |
| 11 | Exome-wide association study of plasma lipids in >300,000 individuals. Nature Genetics, 2017, 49, 1758-1766. | 9.4 | 470 |
| 12 | Impact of common genetic determinants of Hemoglobin A1c on type 2 diabetes risk and diagnosis in ancestrally diverse populations: A transethnic genome-wide meta-analysis. PLoS Medicine, 2017, 14, e1002383. | 3.9 | 341 |
| 13 | Genome-wide physical activity interactions in adiposity â€• A meta-analysis of 200,452 adults. PLoS Genetics, 2017, 13, e1006528. | 1.5 | 158 |
| 14 | Comparison of HapMap and 1000 Genomes Reference Panels in a Large-Scale Genome-Wide Association Study. PLoS ONE, 2017, 12, e0167742. | 1.1 | 29 |
| 15 | Somatic, positive and negative domains of the Center for Epidemiological Studies Depression (CES-D) scale: a meta-analysis of genome-wide association studies. Psychological Medicine, 2016, 46, 1613-1623. | 2.7 | 17 |
| 16 | TBK1 is associated with ALS and ALS-FTD in Sardinian patients. Neurobiology of Aging, 2016, 43, 180.e1-180.e5. | 1.5 | 40 |
| 17 | A genome-wide association study by ImmunoChip reveals potential modifiers in myelodysplastic syndromes. Experimental Hematology, 2016, 44, 1034-1038. | 0.2 | 4 |
| 18 | The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. Nature Genetics, 2016, 48, 1171-1184. | 9.4 | 362 |

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|---|---|---|---|
| 19 | Novel multiple sclerosis susceptibility loci implicated in epigenetic regulation. Science Advances, 2016, 2, e1501678. | 4.7 | 133 |
| 20 | New genetic loci link adipose and insulin biology to body fat distribution. Nature, 2015, 518, 187-196. | 13.7 | 1,328 |
| 21 | Genetic studies of body mass index yield new insights for obesity biology. Nature, 2015, 518, 197-206. | 13.7 | 3,823 |
| 22 | Methods for Association Analysis and Metaâ€Analysis of Rare Variants in Families. Genetic Epidemiology, 2015, 39, 227-238. | 0.6 | 16 |
| 23 | Genome-wide association analyses based on whole-genome sequencing in Sardinia provide insights into regulation of hemoglobin levels. Nature Genetics, 2015, 47, 1264-1271. | 9.4 | 66 |
| 24 | Genome sequencing elucidates Sardinian genetic architecture and augments association analyses for lipid and blood inflammatory markers. Nature Genetics, 2015, 47, 1272-1281. | 9.4 | 193 |
| 25 | Height-reducing variants and selection for short stature in Sardinia. Nature Genetics, 2015, 47, 1352-1356. | 9.4 | 96 |
| 26 | The burden of multiple sclerosis variants in continental Italians and Sardinians. Multiple Sclerosis Journal, 2015, 21, 1385-1395. | 1.4 | 10 |
| 27 | Rare variant genotype imputation with thousands of study-specific whole-genome sequences: implications for cost-effective study designs. European Journal of Human Genetics, 2015, 23, 975-983. | 1.4 | 92 |
| 28 | Identification of Novel Genetic Loci Associated with Thyroid Peroxidase Antibodies and Clinical Thyroid Disease. PLoS Genetics, 2014, 10, e1004123. | 1.5 | 150 |
| 29 | Genetic association study of QT interval highlights role for calcium signaling pathways in myocardial repolarization. Nature Genetics, 2014, 46, 826-836. | 9.4 | 281 |
| 30 | Genetics of serum BDNF: Meta-analysis of the Val66Met and genome-wide association study. World Journal of Biological Psychiatry, 2013, 14, 583-589. | 1.3 | 57 |
| 31 | Low-Pass DNA Sequencing of 1200 Sardinians Reconstructs European Y-Chromosome Phylogeny. Science, 2013, 341, 565-569. | 6.0 | 135 |
| 32 | Genetic Variants Regulating Immune Cell Levels in Health and Disease. Cell, 2013, 155, 242-256. | 13.5 | 295 |
| 33 | A Genome-Wide Association Study of Depressive Symptoms. Biological Psychiatry, 2013, 73, 667-678. | 0.7 | 149 |
| 34 | The Metabochip, a Custom Genotyping Array for Genetic Studies of Metabolic, Cardiovascular, and Anthropometric Traits. PLoS Genetics, 2012, 8, e1002793. | 1.5 | 448 |
| 35 | A Genome-Wide Association Scan on the Levels of Markers of Inflammation in Sardinians Reveals Associations That Underpin Its Complex Regulation. PLoS Genetics, 2012, 8, e1002480. | 1.5 | 141 |
| 36 | Neuroticism, Depressive Symptoms, and Serum BDNF. Psychosomatic Medicine, 2011, 73, 638-642. | 1.3 | 67 |

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|---|---|---|---|
| 37 | Fine Mapping of Five Loci Associated with Low-Density Lipoprotein Cholesterol Detects Variants That Double the Explained Heritability. PLoS Genetics, 2011, 7, e1002198. | 1.5 | 134 |
| 38 | Hundreds of variants clustered in genomic loci and biological pathways affect human height. Nature, 2010, 467, 832-838. | 13.7 | 1,789 |
| 39 | Variants within the immunoregulatory CBLB gene are associated with multiple sclerosis. Nature Genetics, 2010, 42, 495-497. | 9.4 | 164 |
| 40 | Common variants in the SLCO1B3 locus are associated with bilirubin levels and unconjugated hyperbilirubinemia. Human Molecular Genetics, 2009, 18, 2711-2718. | 1.4 | 126 |
| 41 | Six new loci associated with body mass index highlight a neuronal influence on body weight regulation. Nature Genetics, 2009, 41, 25-34. | 9.4 | 1,572 |
| 42 | Genome-wide Association Study of Vitamin B6, Vitamin B12, Folate, and Homocysteine Blood Concentrations. American Journal of Human Genetics, 2009, 84, 477-482. | 2.6 | 225 |
| 43 | Genome-wide Association Study of Vitamin B6, Vitamin B12, Folate, and Homocysteine Blood Concentrations. American Journal of Human Genetics, 2009, 84, 712. | 2.6 | 1 |
| 44 | Phosphodiesterase 8B Gene Variants Are Associated with Serum TSH Levels and Thyroid Function. American Journal of Human Genetics, 2008, 82, 1270-1280. | 2.6 | 124 |
| 45 | Newly identified loci that influence lipid concentrations and risk of coronary artery disease. Nature Genetics, 2008, 40, 161-169. | 9.4 | 1,488 |
| 46 | Genome-wide association study shows BCL11A associated with persistent fetal hemoglobin and amelioration of the phenotype of Î²-thalassemia. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 1620-1625. | 3.3 | 561 |
| 47 | Genome-Wide Association Scan Shows Genetic Variants in the FTO Gene Are Associated with Obesity-Related Traits. PLoS Genetics, 2007, 3, e115. | 1.5 | 1,446 |
| 48 | The GLUT9 Gene Is Associated with Serum Uric Acid Levels in Sardinia and Chianti Cohorts. PLoS Genetics, 2007, 3, e194. | 1.5 | 249 |