

# Rafael De Cid

## 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.

72 papers	4,251 citations	28 h-index	65 g-index
89 ext. papers	5,252 ext. citations	6.9 avg, IF	6.24 L-index

#	Paper	IF	Citations
72	Genomewide Association Study of Severe Covid-19 with Respiratory Failure. <i>New England Journal of Medicine</i> , <b>2020</b> , 383, 1522-1534	59.2	913
71	Deletion of the late cornified envelope LCE3B and LCE3C genes as a susceptibility factor for psoriasis. <i>Nature Genetics</i> , <b>2009</b> , 41, 211-5	36.3	405
70	The COVID-19 Host Genetics Initiative, a global initiative to elucidate the role of host genetic factors in susceptibility and severity of the SARS-CoV-2 virus pandemic. <i>European Journal of Human Genetics</i> , <b>2020</b> , 28, 715-718	5.3	349
69	Brain-derived neurotrophic factor Val66Met and psychiatric disorders: meta-analysis of case-control studies confirm association to substance-related disorders, eating disorders, and schizophrenia. <i>Biological Psychiatry</i> , <b>2007</b> , 61, 911-22	7.9	338
68	Identification of SLC7A7, encoding y+LAT-1, as the lysinuric protein intolerance gene. <i>Nature Genetics</i> , <b>1999</b> , 21, 293-6	36.3	246
67	Met66 in the brain-derived neurotrophic factor (BDNF) precursor is associated with anorexia nervosa restrictive type. <i>Molecular Psychiatry</i> , <b>2003</b> , 8, 745-51	15.1	158
66	Identification of MYH mutation carriers in colorectal cancer: a multicenter, case-control, population-based study. <i>Clinical Gastroenterology and Hepatology</i> , <b>2007</b> , 5, 379-87	6.9	114
65	Coding haplotype analysis supports HCR as the putative susceptibility gene for psoriasis at the MHC PSORS1 locus. <i>Human Molecular Genetics</i> , <b>2002</b> , 11, 589-97	5.6	106
64	DNA hypomethylation at ALOX12 is associated with persistent wheezing in childhood. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2012</b> , 185, 937-43	10.2	86
63	Identification of new putative susceptibility genes for several psychiatric disorders by association analysis of regulatory and non-synonymous SNPs of 306 genes involved in neurotransmission and neurodevelopment. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , <b>2009</b> , 150B, 808-16	3.5	79
62	Meta-analysis confirms the LCE3C_LCE3B deletion as a risk factor for psoriasis in several ethnic groups and finds interaction with HLA-Cw6. <i>Journal of Investigative Dermatology</i> , <b>2011</b> , 131, 1105-9	4.3	79
61	A brain-derived neurotrophic factor (BDNF) haplotype is associated with antidepressant treatment outcome in mood disorders. <i>Pharmacogenomics Journal</i> , <b>2008</b> , 8, 101-12	3.5	68
60	Altered brain-derived neurotrophic factor blood levels and gene variability are associated with anorexia and bulimia. <i>Genes, Brain and Behavior</i> , <b>2007</b> , 6, 706-16	3.6	67
59	Association of early-life exposure to household gas appliances and indoor nitrogen dioxide with cognition and attention behavior in preschoolers. <i>American Journal of Epidemiology</i> , <b>2009</b> , 169, 1327-36	3.8	66
58	Traffic-related air pollution, oxidative stress genes, and asthma (ECHRS). <i>Environmental Health Perspectives</i> , <b>2009</b> , 117, 1919-24	8.4	65
57	Extensive genotyping of the BDNF and NTRK2 genes define protective haplotypes against obsessive-compulsive disorder. <i>Biological Psychiatry</i> , <b>2008</b> , 63, 619-28	7.9	63
56	SNP analysis to results (SNPator): a web-based environment oriented to statistical genomics analyses upon SNP data. <i>Bioinformatics</i> , <b>2008</b> , 24, 1643-4	7.2	57

55	Missense mutations in the cystic fibrosis gene in adult patients with asthma. <i>Human Mutation</i> , <b>1999</b> , 14, 510-9	4.7	44
54	BDNF variability in opioid addicts and response to methadone treatment: preliminary findings. <i>Genes, Brain and Behavior</i> , <b>2008</b> , 7, 515-22	3.6	43
53	Association of NTRK3 and its interaction with NGF suggest an altered cross-regulation of the neurotrophin signaling pathway in eating disorders. <i>Human Molecular Genetics</i> , <b>2008</b> , 17, 1234-44	5.6	42
52	Detection of unrecognized low-level mtDNA heteroplasmy may explain the variable phenotypic expressivity of apparently homoplasmic mtDNA mutations. <i>Human Mutation</i> , <b>2008</b> , 29, 248-57	4.7	42
51	A pooling-based genome-wide analysis identifies new potential candidate genes for atopy in the European Community Respiratory Health Survey (ECRHS). <i>BMC Medical Genetics</i> , <b>2009</b> , 10, 128	2.1	41
50	Joint effect of obesity and TNFA variability on asthma: two international cohort studies. <i>European Respiratory Journal</i> , <b>2009</b> , 33, 1003-9	13.6	39
49	Genetic susceptibility to obsessive-compulsive hoarding: the contribution of neurotrophic tyrosine kinase receptor type 3 gene. <i>Genes, Brain and Behavior</i> , <b>2008</b> , 7, 778-85	3.6	38
48	A new approach for identifying non-pathogenic mutations. An analysis of the cystic fibrosis transmembrane regulator gene in normal individuals. <i>Human Genetics</i> , <b>2000</b> , 106, 172-8	6.3	35
47	Association study of the chromosomal region containing the FCER2 gene suggests it has a regulatory role in atopic disorders. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2000</b> , 161, 700-6	10.2	34
46	A brain-derived neurotrophic factor haplotype is associated with therapeutic response in obsessive-compulsive disorder. <i>Biological Psychiatry</i> , <b>2009</b> , 66, 674-80	7.9	33
45	A new titinopathy: Childhood-juvenile onset Emery-Dreifuss-like phenotype without cardiomyopathy. <i>Neurology</i> , <b>2015</b> , 85, 2126-35	6.5	31
44	Influence of glutathione S-transferase polymorphisms on cognitive functioning effects induced by p,pPDDT among preschoolers. <i>Environmental Health Perspectives</i> , <b>2008</b> , 116, 1581-5	8.4	28
43	Deletion of LCE3C and LCE3B is a susceptibility factor for psoriatic arthritis: a study in Spanish and Italian populations and meta-analysis. <i>Arthritis and Rheumatism</i> , <b>2011</b> , 63, 1860-5		27
42	TNFA -308G>A in two international population-based cohorts and risk of asthma. <i>European Respiratory Journal</i> , <b>2008</b> , 32, 350-61	13.6	27
41	Response to methadone maintenance treatment is associated with the MYOCD and GRM6 genes. <i>Molecular Diagnosis and Therapy</i> , <b>2010</b> , 14, 171-8	4.5	25
40	Independent contribution of common CFTR variants to chronic pancreatitis. <i>Pancreas</i> , <b>2010</b> , 39, 209-15	2.6	25
39	Identification of five new mutations of PDS/SLC26A4 in Mediterranean families with hearing impairment. <i>Human Mutation</i> , <b>2001</b> , 18, 548	4.7	25
38	An association study of 22 candidate genes in psoriasis families reveals shared genetic factors with other autoimmune and skin disorders. <i>Journal of Investigative Dermatology</i> , <b>2009</b> , 129, 2637-45	4.3	24

37	Splice-site mutation in the PDS gene may result in intrafamilial variability for deafness in Pendred syndrome. <i>Human Mutation</i> , <b>1999</b> , 14, 520-6	4.7	24
36	GSTM1 polymorphisms modify the effect of maternal smoking during pregnancy on cognitive functioning in preschoolers. <i>International Journal of Epidemiology</i> , <b>2009</b> , 38, 690-7	7.8	23
35	Immunological self-tolerance: an analysis employing cytokines or cytokine receptors encoded by transgenes or a recombinant vaccinia virus. <i>Immunological Reviews</i> , <b>1991</b> , 122, 173-204	11.3	23
34	An autosomal-recessive form of cutis laxa is due to homozygous elastin mutations, and the phenotype may be modified by a heterozygous fibulin 5 polymorphism. <i>Journal of Investigative Dermatology</i> , <b>2009</b> , 129, 1650-5	4.3	21
33	CFTR and asthma in the French EGEA study. <i>European Journal of Human Genetics</i> , <b>2001</b> , 9, 67-9	5.3	21
32	Positionally cloned genes and age-specific effects in asthma and atopy: an international population-based cohort study (ECRHS). <i>Thorax</i> , <b>2010</b> , 65, 124-31	7.3	20
31	Functional double-negative T cells in the periphery express T cell receptor V beta gene products that cause deletion of single-positive T cells. <i>European Journal of Immunology</i> , <b>1993</b> , 23, 250-4	6.1	18
30	ADAR1 affects HCV infection by modulating innate immune response. <i>Antiviral Research</i> , <b>2018</b> , 156, 116-128	12.8	17
29	Detection of TRIM32 deletions in LGMD patients analyzed by a combined strategy of CGH array and massively parallel sequencing. <i>European Journal of Human Genetics</i> , <b>2015</b> , 23, 929-34	5.3	16
28	Gene-environment interactions in asthma. <i>Occupational and Environmental Medicine</i> , <b>2006</b> , 63, 776-86, 761	2.1	16
27	Association of the ARLTS1 Cys148Arg variant with sporadic and familial colorectal cancer. <i>Carcinogenesis</i> , <b>2007</b> , 28, 1687-91	4.6	15
26	GCAT Genomes for life: a prospective cohort study of the genomes of Catalonia. <i>BMJ Open</i> , <b>2018</b> , 8, e018324	3	13
25	Absence of cytogenetic effects in children and adults with attention-deficit/hyperactivity disorder treated with methylphenidate. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2009</b> , 666, 44-9	3.3	12
24	Ambient Air Pollution in Relation to SARS-CoV-2 Infection, Antibody Response, and COVID-19 Disease: A Cohort Study in Catalonia, Spain (COVICAT Study). <i>Environmental Health Perspectives</i> , <b>2021</b> , 129, 117003	8.4	12
23	Multitrait genome association analysis identifies new susceptibility genes for human anthropometric variation in the GCAT cohort. <i>Journal of Medical Genetics</i> , <b>2018</b> , 55, 765-778	5.8	12
22	Founder effect of a pathogenic MSH2 mutation identified in Spanish families with Lynch syndrome. <i>Clinical Genetics</i> , <b>2010</b> , 78, 186-90	4	10
21	Molecular characterization of a t(9;12)(p21;q13) balanced chromosome translocation in combination with integrative genomics analysis identifies C9orf14 as a candidate tumor-suppressor. <i>Genes Chromosomes and Cancer</i> , <b>2007</b> , 46, 155-62	5	10
20	Exploring the Role of Mutations in Fanconi Anemia Genes in Hereditary Cancer Patients. <i>Cancers</i> , <b>2020</b> , 12,	6.6	9

19	Disease networks identify specific conditions and pleiotropy influencing multimorbidity in the general population. <i>Scientific Reports</i> , <b>2018</b> , 8, 15970	4.9	9
18	Genomic profiling in advanced stage non-small-cell lung cancer patients with platinum-based chemotherapy identifies germline variants with prognostic value in SMYD2. <i>Cancer Treatment and Research Communications</i> , <b>2018</b> , 15, 21-31	2	8
17	ALDH5A1 variability in opioid dependent patients could influence response to methadone treatment. <i>European Neuropsychopharmacology</i> , <b>2014</b> , 24, 420-4	1.2	8
16	Early life environment, neurodevelopment and the interrelation with atopy. <i>Environmental Research</i> , <b>2010</b> , 110, 733-8	7.9	8
15	Association study of proposed candidate genes/regions in a population of Spanish asthmatics. <i>European Journal of Epidemiology</i> , <b>2000</b> , 16, 745-50	12.1	8
14	Role of the neurotrophin network in eating disordersSubphenotypes: body mass index and age at onset of the disease. <i>Journal of Psychiatric Research</i> , <b>2010</b> , 44, 834-40	5.2	7
13	Assessment of kinship detection using RNA-seq data. <i>Nucleic Acids Research</i> , <b>2019</b> , 47, e136	20.1	5
12	Pathogenic Variants are Associated with Triple-Negative Breast Cancer in a Spanish Hereditary Breast and Ovarian Cancer Cohort. <i>Genes</i> , <b>2021</b> , 12,	4.2	5
11	Comprehensive analysis and ACMG-based classification of CHEK2 variants in hereditary cancer patients. <i>Human Mutation</i> , <b>2020</b> , 41, 2128-2142	4.7	4
10	A Log-Ratio Biplot Approach for Exploring Genetic Relatedness Based on Identity by State. <i>Frontiers in Genetics</i> , <b>2019</b> , 10, 341	4.5	3
9	ERCC3, a new ovarian cancer susceptibility gene?. <i>European Journal of Cancer</i> , <b>2020</b> , 141, 1-8	7.5	3
8	ADAR1 function affects HPV replication and is associated to recurrent human papillomavirus-induced dysplasia in HIV coinfecting individuals. <i>Scientific Reports</i> , <b>2019</b> , 9, 19848	4.9	3
7	Immune Cell Associations with Cancer Risk. <i>IScience</i> , <b>2020</b> , 23, 101296	6.1	2
6	Pipeline design to identify key features and classify the chemotherapy response on lung cancer patients using large-scale genetic data. <i>BMC Systems Biology</i> , <b>2018</b> , 12, 97	3.5	2
5	Single nucleotide polymorphisms in PNPLA3, ADAR-1 and IFIH1 are associated with advanced liver fibrosis in patients co-infected with HIV-1//hepatitis C virus. <i>Aids</i> , <b>2021</b> , 35, 2497-2502	3.5	2
4	Infection induced SARS-CoV-2 seroprevalence and heterogeneity of antibody responses in a general population cohort study in Catalonia Spain. <i>Scientific Reports</i> , <b>2021</b> , 11, 21571	4.9	1
3	GCAT Panel, a comprehensive structural variant haplotype map of the Iberian population from high-coverage whole-genome sequencing		1
2	A likelihood ratio approach for identifying three-quarter siblings in genetic databases. <i>Heredity</i> , <b>2021</b> , 126, 537-547	3.6	1

- 1 RNA assay identifies a previous misclassification of BARD1 c.1977A>G variant. *Scientific Reports*, **2021**, 11, 22948

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