# Caterina Cancrini

## List of Publications by Citations



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| 97 papers | 3,333 citations | 30 h-index | 56 g-index |
| 102 ext. papers | 4,244 ext. citations | 5.8 avg, IF | 4.08 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 97 | HLA-haploidentical stem cell transplantation after removal of αβ T and B cells in children with nonmalignant disorders. *Blood*, **2014**, 124, 822-6 | 2.2 | 326 |
| 96 | A hypermorphic IkappaBalpha mutation is associated with autosomal dominant anhidrotic ectodermal dysplasia and T cell immunodeficiency. *Journal of Clinical Investigation*, **2003**, 112, 1108-15 | 15.9 | 277 |
| 95 | Clinical spectrum and features of activated phosphoinositide 3-kinase δ syndrome: A large patient cohort study. *Journal of Allergy and Clinical Immunology*, **2017**, 139, 597-606.e4 | 11.5 | 251 |
| 94 | Mutations in STAT3 and diagnostic guidelines for hyper-IgE syndrome. *Journal of Allergy and Clinical Immunology*, **2010**, 125, 424-432.e8 | 11.5 | 200 |
| 93 | Outcome of hematopoietic stem cell transplantation for adenosine deaminase-deficient severe combined immunodeficiency. *Blood*, **2012**, 120, 3615-24; quiz 3626 | 2.2 | 126 |
| 92 | Accumulation of peripheral autoreactive B cells in the absence of functional human regulatory T cells. *Blood*, **2013**, 121, 1595-603 | 2.2 | 118 |
| 91 | In vivo tracking of T cells in humans unveils decade-long survival and activity of genetically modified T memory stem cells. *Science Translational Medicine*, **2015**, 7, 273ra13 | 17.5 | 114 |
| 90 | A systematic analysis of recombination activity and genotype-phenotype correlation in human recombination-activating gene 1 deficiency. *Journal of Allergy and Clinical Immunology*, **2014**, 133, 1099-108 | 11.5 | 100 |
| 89 | Broad-spectrum antibodies against self-antigens and cytokines in RAG deficiency. *Journal of Clinical Investigation*, **2015**, 125, 4135-48 | 15.9 | 94 |
| 88 | Disease Evolution and Response to Rapamycin in Activated Phosphoinositide 3-Kinase δ Syndrome: The European Society for Immunodeficiencies-Activated Phosphoinositide 3-Kinase δ Syndrome Registry. *Frontiers in Immunology*, **2018**, 9, 543 | 8.4 | 88 |
| 87 | Clinical features and follow-up in patients with 22q11.2 deletion syndrome. *Journal of Pediatrics*, **2014**, 164, 1475-80.e2 | 3.6 | 83 |
| 86 | Humoral immune responses and CD27+ B cells in children with DiGeorge syndrome (22q11.2 deletion syndrome). *Pediatric Allergy and Immunology*, **2006**, 17, 382-8 | 4.2 | 62 |
| 85 | Characterization of T and B cell repertoire diversity in patients with RAG deficiency. *Science Immunology*, **2016**, 1, | 28 | 62 |
| 84 | Demethylation analysis of the FOXP3 locus shows quantitative defects of regulatory T cells in IPEX-like syndrome. *Journal of Autoimmunity*, **2012**, 38, 49-58 | 15.5 | 55 |
| 83 | X-linked agammaglobulinemia (XLA):Phenotype, diagnosis, and therapeutic challenges around the world. *World Allergy Organization Journal*, **2019**, 12, 100018 | 5.2 | 53 |
| 82 | The Wiskott-Aldrich syndrome protein is required for iNKT cell maturation and function. *Journal of Experimental Medicine*, **2009**, 206, 735-42 | 16.6 | 48 |
| 81 | Successful allogeneic hemopoietic stem cell transplantation in a child who had anhidrotic ectodermal dysplasia with immunodeficiency. *Pediatrics*, **2006**, 118, e205-11 | 7.4 | 48 |

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| 80 | Wiskott-Aldrich syndrome protein-mediated actin dynamics control type-I interferon production in plasmacytoid dendritic cells. *Journal of Experimental Medicine*, **2013**, 210, 355-74 | 16.6 | 45 |
| 79 | Schimke immunoosseous dysplasia: suggestions of genetic diversity. *Human Mutation*, **2007**, 28, 273-83 | 4.7 | 44 |
| 78 | Efficacy and Adverse Events During Janus Kinase Inhibitor Treatment of SAVI Syndrome. *Journal of Clinical Immunology*, **2019**, 39, 476-485 | 5.7 | 43 |
| 77 | The Interplay between CD27 and CD27 B Cells Ensures the Flexibility, Stability, and Resilience of Human B Cell Memory. *Cell Reports*, **2020**, 30, 2963-2977.e6 | 10.6 | 43 |
| 76 | A prospective study on the natural history of patients with profound combined immunodeficiency: An interim analysis. *Journal of Allergy and Clinical Immunology*, **2017**, 139, 1302-1310.e4 | 11.5 | 43 |
| 75 | Outcomes and Treatment Strategies for Autoimmunity and Hyperinflammation in Patients with RAG Deficiency. *Journal of Allergy and Clinical Immunology: in Practice*, **2019**, 7, 1970-1985.e4 | 5.4 | 41 |
| 74 | Structural defects and variations in the HIV-1 nef gene from rapid, slow and non-progressor children. *Aids*, **2003**, 17, 1291-301 | 3.5 | 37 |
| 73 | B-cell activation with CD40L or CpG measures the function of B-cell subsets and identifies specific defects in immunodeficient patients. *European Journal of Immunology*, **2017**, 47, 131-143 | 6.1 | 36 |
| 72 | Long-term follow-up of 168 patients with X-linked agammaglobulinemia reveals increased morbidity and mortality. *Journal of Allergy and Clinical Immunology*, **2020**, 146, 429-437 | 11.5 | 35 |
| 71 | Thymic Epithelium Abnormalities in DiGeorge and Down Syndrome Patients Contribute to Dysregulation in T Cell Development. *Frontiers in Immunology*, **2019**, 10, 447 | 8.4 | 33 |
| 70 | Immune deficiency caused by impaired expression of nuclear factor-kappaB essential modifier (NEMO) because of a mutation in the 5Suntranslated region of the NEMO gene. *Journal of Allergy and Clinical Immunology*, **2010**, 126, 127-32.e7 | 11.5 | 32 |
| 69 | BrutonS tyrosine kinase defect in dendritic cells from X-linked agammaglobulinaemia patients does not influence their differentiation, maturation and antigen-presenting cell function. *Clinical and Experimental Immunology*, **2003**, 133, 115-22 | 6.2 | 30 |
| 68 | Post-natal ontogenesis of the T-cell receptor CD4 and CD8 Vbeta repertoire and immune function in children with DiGeorge syndrome. *Journal of Clinical Immunology*, **2005**, 25, 265-74 | 5.7 | 30 |
| 67 | Lymphocytes are a major source of circulating soluble dipeptidyl peptidase 4. *Clinical and Experimental Immunology*, **2018**, 194, 166-179 | 6.2 | 30 |
| 66 | Evaluation of the relevance of humoral immunodeficiencies in a pediatric population affected by recurrent infections. *Pediatric Allergy and Immunology*, **2002**, 13, 443-7 | 4.2 | 29 |
| 65 | Intergenerational and intrafamilial phenotypic variability in 22q11.2 deletion syndrome subjects. *BMC Medical Genetics*, **2014**, 15, 1 | 2.1 | 28 |
| 64 | Prognostic value of the stromal cell-derived factor 1 3SA mutation in pediatric human immunodeficiency virus type 1 infection. *Journal of Infectious Diseases*, **2002**, 185, 696-700 | 7 | 28 |
| 63 | Prognostic Value of a CCR5 Defective Allele in Pediatric HIV-1 Infection. *Molecular Medicine*, **2000**, 6, 28-36 | 6.2 | 28 |

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| 62 | The case of an APDS patient: Defects in maturation and function and decreased in vitro anti-mycobacterial activity in the myeloid compartment. *Clinical Immunology*, **2017**, 178, 20-28 | 9 | 26 |
| 61 | Large Deletion of MAGT1 Gene in a Patient with Classic Kaposi Sarcoma, CD4 Lymphopenia, and EBV Infection. *Journal of Clinical Immunology*, **2017**, 37, 32-35 | 5.7 | 26 |
| 60 | Natural Killer Cells from Patients with Recombinase-Activating Gene and Non-Homologous End Joining Gene Defects Comprise a Higher Frequency of CD56 NKG2A Cells, and Yet Display Increased Degranulation and Higher Perforin Content. *Frontiers in Immunology*, **2017**, 8, 798 | 8.4 | 26 |
| 59 | Clinical outcome, incidence, and SARS-CoV-2 infection-fatality rates in Italian patients with inborn errors of immunity. *Journal of Allergy and Clinical Immunology: in Practice*, **2021**, 9, 2904-2906.e2 | 5.4 | 24 |
| 58 | Targeted NGS Platforms for Genetic Screening and Gene Discovery in Primary Immunodeficiencies. *Frontiers in Immunology*, **2019**, 10, 316 | 8.4 | 22 |
| 57 | Immunophenotype Anomalies Predict the Development of Autoimmune Cytopenia in 22q11.2 Deletion Syndrome. *Journal of Allergy and Clinical Immunology: in Practice*, **2019**, 7, 2369-2376 | 5.4 | 22 |
| 56 | Human Immunodeficiency Virus (HIV)-Antibody Repertoire Estimates Reservoir Size and Time of Antiretroviral Therapy Initiation in Virally Suppressed Perinatally HIV-Infected Children. *Journal of the Pediatric Infectious Diseases Society*, **2019**, 8, 433-438 | 4.8 | 21 |
| 55 | Inflammatory bowel disease in chronic granulomatous disease: An emerging problem over a twenty yearsSexperience. *Pediatric Allergy and Immunology*, **2017**, 28, 801-809 | 4.2 | 20 |
| 54 | Rituximab Unveils Hypogammaglobulinemia and Immunodeficiency in Children with Autoimmune Cytopenia. *Journal of Allergy and Clinical Immunology: in Practice*, **2020**, 8, 273-282 | 5.4 | 20 |
| 53 | Clinical, Immunological, and Molecular Features of Typical and Atypical Severe Combined Immunodeficiency: Report of the Italian Primary Immunodeficiency Network. *Frontiers in Immunology*, **2019**, 10, 1908 | 8.4 | 19 |
| 52 | Kinetics of the T-cell receptor CD4 and CD8 V beta repertoire in HIV-1 vertically infected infants early treated with HAART. *Aids*, **2001**, 15, 2075-84 | 3.5 | 19 |
| 51 | Role of reduced intensity conditioning in T-cell and B-cell immune reconstitution after HLA-identical bone marrow transplantation in ADA-SCID. *Haematologica*, **2010**, 95, 1778-82 | 6.6 | 16 |
| 50 | Delayed early antiretroviral treatment is associated with an HIV-specific long-term cellular response in HIV-1 vertically infected infants. *Vaccine*, **2008**, 26, 5196-201 | 4.1 | 16 |
| 49 | Defective dendritic cell maturation in a child with nucleotide excision repair deficiency and CD4 lymphopenia. *Clinical and Experimental Immunology*, **2001**, 126, 511-8 | 6.2 | 16 |
| 48 | Serum leptin and CD4+ T lymphocytes in HIV+ children during highly active antiretroviral therapy. *Clinical Endocrinology*, **2002**, 57, 643-6 | 3.4 | 15 |
| 47 | Mechanisms of genotype-phenotype correlation in autosomal dominant anhidrotic ectodermal dysplasia with immune deficiency. *Journal of Allergy and Clinical Immunology*, **2018**, 141, 1060-1073.e3 | 11.5 | 14 |
| 46 | Autoimmunity and regulatory T cells in 22q11.2 deletion syndrome patients. *Pediatric Allergy and Immunology*, **2015**, 26, 591-4 | 4.2 | 14 |
| 45 | Etiology, clinical outcome, and laboratory features in children with neutropenia: analysis of 104 cases. *Pediatric Allergy and Immunology*, **2014**, 25, 283-9 | 4.2 | 14 |

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| 44 | The impact of TACI mutations: from hypogammaglobulinemia in infancy to autoimmunity in adulthood. *International Journal of Immunopathology and Pharmacology*, **2012**, 25, 407-14 | 3 | 14 |
| 43 | Serratia marcescens osteomyelitis in a newborn with chronic granulomatous disease. *Pediatric Infectious Disease Journal*, **2013**, 32, 926 | 3.4 | 14 |
| 42 | Partial RAG deficiency in a patient with varicella infection, autoimmune cytopenia, and anticytokine antibodies. *Journal of Allergy and Clinical Immunology: in Practice*, **2018**, 6, 1769-1771.e2 | 5.4 | 13 |
| 41 | In vivo T-cell dynamics during immune reconstitution after hematopoietic stem cell gene therapy in adenosine deaminase severe combined immune deficiency. *Journal of Allergy and Clinical Immunology*, **2011**, 127, 1368-75.e8 | 11.5 | 13 |
| 40 | Successful simplification of protease inhibitor-based HAART with triple nucleoside regimens in children vertically infected with HIV. *Aids*, **2007**, 21, 2465-72 | 3.5 | 13 |
| 39 | Humoral and Cellular Response Following Vaccination With the BNT162b2 mRNA COVID-19 Vaccine in Patients Affected by Primary Immunodeficiencies. *Frontiers in Immunology*, **2021**, 12, 727850 | 8.4 | 12 |
| 38 | Longitudinal Evaluation of Immune Reconstitution and B-cell Function After Hematopoietic Cell Transplantation for Primary Immunodeficiency. *Journal of Clinical Immunology*, **2015**, 35, 373-83 | 5.7 | 11 |
| 37 | JAK3 mutations in Italian patients affected by SCID: New molecular aspects of a long-known gene. *Molecular Genetics & Genomic Medicine*, **2018**, 6, 713-721 | 2.3 | 11 |
| 36 | IgE Immunoadsorption Knocks Down the Risk of Food-Related Anaphylaxis. *Pediatrics*, **2015**, 136, e1617-20 | 7.4 | 11 |
| 35 | Evidence of clonotypic pattern of T-cell repertoire in synovial fluid of children with juvenile rheumatoid arthritis at the onset of the disease. *Scandinavian Journal of Immunology*, **2002**, 56, 512-7 | 3.4 | 11 |
| 34 | The possible implication of the S250C variant of the autoimmune regulator protein in a patient with autoimmunity and immunodeficiency: in silico analysis suggests a molecular pathogenic mechanism for the variant. *Gene*, **2014**, 549, 286-94 | 3.8 | 10 |
| 33 | Severe Toxoplasma gondii infection in a member of a NFKB2-deficient family with T and B cell dysfunction. *Clinical Immunology*, **2017**, 183, 273-277 | 9 | 10 |
| 32 | Switching from protease inhibitor-based-HAART to a protease inhibitor-sparing regimen is associated with improved specific HIV-immune responses in HIV-infected children. *Aids*, **2006**, 20, 1893-6 | 3.5 | 10 |
| 31 | Agammaglobulinemia associated to nasal polyposis due to a hypomorphic RAG1 mutation in a 12 years old boy. *Clinical Immunology*, **2016**, 173, 121-123 | 9 | 10 |
| 30 | Theophylline as a precision therapy in a young girl with PIK3R1 immunodeficiency. *Journal of Allergy and Clinical Immunology: in Practice*, **2018**, 6, 2165-2167 | 5.4 | 8 |
| 29 | Late-onset combined immune deficiency due to LIGIV mutations in a 12-year-old patient. *Pediatric Allergy and Immunology*, **2017**, 28, 203-206 | 4.2 | 6 |
| 28 | Novel X-Linked Inhibitor of Apoptosis Mutation in Very Early-Onset Inflammatory Bowel Disease Child Successfully Treated with HLA-Haploidentical Hemapoietic Stem Cells Transplant after Removal of T and B Cells. *Frontiers in Immunology*, **2017**, 8, 1893 | 8.4 | 6 |
| 27 | Rapid T-cell receptor CD4+ repertoire reconstitution and immune recovery in unrelated umbilical cord blood transplanted pediatric leukemia patients. *Journal of Pediatric Hematology/Oncology*, **2006**, 28, 403-11 | 1.2 | 6 |

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| 26 | NFKB2 regulates human Tfh and Tfr pool formation and germinal center potential. *Clinical Immunology*, **2020**, 210, 108309 | 9 | 6 |
| 25 | Seletalisib for Activated PI3K Syndromes: Open-Label Phase 1b and Extension Studies. *Journal of Immunology*, **2020**, 205, 2979-2987 | 5.3 | 6 |
| 24 | Inborn errors of immunity with atopic phenotypes: A practical guide for allergists. *World Allergy Organization Journal*, **2021**, 14, 100513 | 5.2 | 6 |
| 23 | NK cell effector functions in a Chdiak-Higashi patient undergoing cord blood transplantation: Effects of in vitro treatment with IL-2. *Immunology Letters*, **2016**, 180, 46-53 | 4.1 | 5 |
| 22 | Combined immunodeficiency due to JAK3 mutation in a child presenting with skin granuloma. *Journal of Allergy and Clinical Immunology*, **2016**, 137, 948-51.e5 | 11.5 | 5 |
| 21 | Effect of HLA compatibility, pregnancies, blood transfusions, and taboo mismatches in living unrelated kidney transplantation. *Transplantation Proceedings*, **2001**, 33, 1136-8 | 1.1 | 5 |
| 20 | Autosomal-dominant hyper-IgE syndrome is associated with appearance of infections early in life and/or neonatal rash: Evidence from the Italian cohort of 61 patients with elevated IgE. *Journal of Allergy and Clinical Immunology: in Practice*, **2019**, 7, 2072-2075.e4 | 5.4 | 4 |
| 19 | Increased proportions of T lymphocytes in atypical SCID associate with disease manifestations. *Clinical Immunology*, **2019**, 201, 30-34 | 9 | 3 |
| 18 | Restriction in T-cell receptor repertoire in a patient affected by trichothiodystrophy and CD4+ lymphopenia. *Scandinavian Journal of Immunology*, **2002**, 56, 212-6 | 3.4 | 3 |
| 17 | Consanguinity and polygenic diseases: a model for antibody deficiencies. *Human Heredity*, **2014**, 77, 144-9 | 2.1 | 2 |
| 16 | Early-onset monocyte-B-natural killer-dendritic cellsSdeficiency successfully treated with hematopoietic stem cell transplantation. *Journal of Allergy and Clinical Immunology*, **2011**, 128, 897-900.e1 | 11.5 | 1 |
| 15 | Neonatal Manifestations of Chronic Granulomatous Disease: MAS/HLH and Necrotizing Pneumonia as Unusual Phenotypes and Review of the Literature. *Journal of Clinical Immunology*, **2021**, 1 | 5.7 | 1 |
| 14 | Premature Senescence and Increased Oxidative Stress in the Thymus of Down Syndrome Patients. *Frontiers in Immunology*, **2021**, 12, 669893 | 8.4 | 1 |
| 13 | Case Report: EBV Chronic Infection and Lymphoproliferation in Four APDS Patients: The Challenge of Proper Characterization, Therapy, and Follow-Up. *Frontiers in Pediatrics*, **2021**, 9, 703853 | 3.4 | 1 |
| 12 | A 23-Year Follow-Up of a Patient with Gain-of-Function IkB-Alpha Mutation and Stable Full Chimerism After Hematopoietic Stem Cell Transplantation. *Journal of Clinical Immunology*, **2020**, 40, 927-933 | 5.7 | 0 |
| 11 | Inherited defects in the complement system.. *Pediatric Allergy and Immunology*, **2022**, 33 Suppl 27, 73-76 | 4.2 | 0 |
| 10 | Activated phosphoinositide 3-dinase delta syndrome (APDS): An update.. *Pediatric Allergy and Immunology*, **2022**, 33 Suppl 27, 69-72 | 4.2 | 0 |
| 9 | Primary atopic disorders and chronic skin disease.. *Pediatric Allergy and Immunology*, **2022**, 33 Suppl 27, 65-68 | 4.2 | 0 |

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| 8 | Clinical, Immunological, and Molecular Variability of RAG Deficiency: A Retrospective Analysis of 22 RAG Patients. *Journal of Clinical Immunology*, **2021**, 1 | 5.7 | 0 |
| 7 | Consensus of the Italian Primary Immunodeficiency Network on transition management from pediatric to adult care in patients affected with childhood-onset inborn errors of immunity. *Journal of Allergy and Clinical Immunology*, **2020**, 146, 967-983 | 11.5 | 0 |
| 6 | Case Report: Hodgkin Lymphoma and Refractory Systemic Lupus Erythematosus Unveil Activated Phosphoinositide 3-Kinase-δ Syndrome 2 in an Adult Patient. *Frontiers in Pediatrics*, **2021**, 9, 702546 | 3.4 | 0 |
| 5 | Update in Primary Immunodeficiencies. *Acta Biomedica*, **2020**, 91, e2020010 | 3.2 | |
| 4 | The Wiskott-Aldrich syndrome protein is required for iNKT cell maturation and function. *Journal of Cell Biology*, **2009**, 185, i1-i1 | 7.3 | |
| 3 | Wiskott-Aldrich syndrome protein–mediated actin dynamics control type-I interferon production in plasmacytoid dendritic cells. *Journal of Cell Biology*, **2013**, 200, i6-i6 | 7.3 | |
| 2 | How to dissect the plasticity of antigen-specific immune response: a tissue perspective. *Clinical and Experimental Immunology*, **2020**, 199, 119-130 | 6.2 | |
| 1 | Altered NK-cell compartment and dysfunctional NKG2D/NKG2D-ligand axis in patients with ataxia-telangiectasia. *Clinical Immunology*, **2021**, 230, 108802 | 9 | |