

# Gilberto Filaci

## List of Publications by Year in descending order

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Version: 2024-02-01

107  
papers

4,530  
citations

117625

34  
h-index

118850

62  
g-index

108  
all docs

108  
docs citations

108  
times ranked

6235  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | SARS-CoV-2 vaccination induces immunological T cell memory able to cross-recognize variants from Alpha to Omicron. <i>Cell</i> , 2022, 185, 847-859.e11.   | 28.9 | 590       |
| 2  | Development of a T cell-based immunodiagnostic system to effectively distinguish SARS-CoV-2 infection and COVID-19 vaccination status. <i>Cell Host and Microbe</i> , 2022, 30, 388-399.e3.  | 11.0 | 26        |
| 3  | Early and Polyantigenic CD4 T Cell Responses Correlate with Mild Disease in Acute COVID-19 Donors. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7155.  | 4.1  | 31        |
| 4  | Dysregulation in B cell responses and T follicular helper cell function in ADA2 deficiency patients. <i>European Journal of Immunology</i> , 2021, 51, 206-219.  | 2.9  | 29        |
| 5  | How to Make Immunotherapy an Effective Therapeutic Choice for Uveal Melanoma. <i>Cancers</i> , 2021, 13, 2043.   | 3.7  | 18        |
| 6  | Development of Exhaustion and Acquisition of Regulatory Function by Infiltrating CD8+CD28 <sup>hi</sup> T Lymphocytes Dictate Clinical Outcome in Head and Neck Cancer. <i>Cancers</i> , 2021, 13, 2234.   | 3.7  | 8         |
| 7  | Single nucleotide polymorphisms in 3' untranslated region inducible costimulator gene and the important roles of miRNA in alopecia areata. <i>Skin Health and Disease</i> , 2021, 1, e34.  | 1.5  | 7         |
| 8  | Characterization of T lymphocytes in severe COVID-19 patients. <i>Journal of Medical Virology</i> , 2021, 93, 5608-5613.   | 5.0  | 24        |
| 9  | Notch4 signaling limits regulatory T-cell-mediated tissue repair and promotes severe lung inflammation in viral infections. <i>Immunity</i> , 2021, 54, 1186-1199.e7.  | 14.3 | 71        |
| 10 | Telomerase-based GX301 cancer vaccine in patients with metastatic castration-resistant prostate cancer: a randomized phase II trial. <i>Cancer Immunology, Immunotherapy</i> , 2021, 70, 3679-3692.  | 4.2  | 15        |
| 11 | IL-27 Mediates PD-L1 Expression and Release by Human Mesothelioma Cells. <i>Cancers</i> , 2021, 13, 4011.  | 3.7  | 3         |
| 12 | Increased frequency of interleukin-4 and reduced frequency of interferon- $\gamma$ and IL-17-producing CD4 <sup>+</sup> and CD8 <sup>+</sup> cells in scleromyxedema. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2020, 34, 1092-1097. | 2.4  | 8         |
| 13 | Anti-Cancer Immunotherapies Targeting Telomerase. <i>Cancers</i> , 2020, 12, 2260.   | 3.7  | 34        |
| 14 | Cytokine-Induced Guanylate Binding Protein 1 (GBP1) Release from Human Ovarian Cancer Cells. <i>Cancers</i> , 2020, 12, 488.   | 3.7  | 14        |
| 15 | Dopamine inhibits human CD8 <sup>+</sup> Treg function through D1-like dopaminergic receptors. <i>Journal of Neuroimmunology</i> , 2019, 332, 233-241.   | 2.3  | 24        |
| 16 | Immunological profile of an infant treated with integrase inhibitor from the neonatal period. <i>Journal of Virus Eradication</i> , 2019, 5, 47-49.  | 0.5  | 0         |
| 17 | Immunological profile of an infant treated with integrase inhibitor from the neonatal period. <i>Journal of Virus Eradication</i> , 2019, 5, 47-49.  | 0.5  | 0         |
| 18 | Beyond APECED: An update on the role of the autoimmune regulator gene (AIRE) in physiology and disease. <i>Autoimmunity Reviews</i> , 2018, 17, 325-330.   | 5.8  | 27        |

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|----|---|-----|-----------|
| 19 | White matter microstructure alterations correlate with terminally differentiated CD8+ effector T cell depletion in the peripheral blood in mania: Combined DTI and immunological investigation in the different phases of bipolar disorder. <i>Brain, Behavior, and Immunity</i> , 2018, 73, 192-204. | 4.1 | 30        |
| 20 | CD8+CD28 <sup>hi</sup> CD127 <sup>lo</sup> CD39 <sup>+</sup> regulatory T-cell expansion: A new possible pathogenic mechanism for HIV infection?. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 2220-2233.e4.  | 2.9 | 22        |
| 21 | Rationale for an Association Between PD1 Checkpoint Inhibition and Therapeutic Vaccination Against HIV. <i>Frontiers in Immunology</i> , 2018, 9, 2447.   | 4.8 | 1         |
| 22 | Inflammatory effects of atazanavir/ritonavir versus darunavir/ritonavir in treatment naïve, HIV-1-infected patients. <i>HIV Clinical Trials</i> , 2018, 19, 158-162.  | 2.0 | 2         |
| 23 | A new marine-derived sulfoglycolipid triggers dendritic cell activation and immune adjuvant response. <i>Scientific Reports</i> , 2017, 7, 6286.  | 3.3 | 46        |
| 24 | Phenotypic Alterations Involved in CD8+ Treg Impairment in Systemic Sclerosis. <i>Frontiers in Immunology</i> , 2017, 8, 18.  | 4.8 | 15        |
| 25 | AIRE polymorphism, melanoma antigen-specific T cell immunity, and susceptibility to melanoma. <i>Oncotarget</i> , 2016, 7, 60872-60884.   | 1.8 | 8         |
| 26 | Efficacy of cilostazol for the treatment of Raynaud's phenomenon in systemic sclerosis patients. <i>Clinical and Experimental Medicine</i> , 2016, 16, 407-412.   | 3.6 | 8         |
| 27 | Residual tumor micro-foci and overwhelming regulatory T lymphocyte infiltration are the causes of bladder cancer recurrence. <i>Oncotarget</i> , 2016, 7, 6424-6435.  | 1.8 | 22        |
| 28 | B cells characterization in ADA2 Deficiency patients. <i>Pediatric Rheumatology</i> , 2015, 13, .   | 2.1 | 1         |
| 29 | Increased CD38 expression on T lymphocytes as a marker of HIV dissemination into the central nervous system. <i>HIV Clinical Trials</i> , 2015, 16, 190-196.  | 2.0 | 7         |
| 30 | Nanoparticles increase the efficacy of cancer chemopreventive agents in cells exposed to cigarette smoke condensate. <i>Carcinogenesis</i> , 2015, 36, 368-377.   | 2.8 | 17        |
| 31 | Early and repeated IgG1Fc-pCons chimera vaccinations (GX101) improve the outcome in SLE-prone mice. <i>Clinical and Experimental Medicine</i> , 2015, 15, 255-260.  | 3.6 | 5         |
| 32 | Immunogenicity of GX301 cancer vaccine: Four (telomerase peptides) are better than one. <i>Human Vaccines and Immunotherapeutics</i> , 2015, 11, 838-850.   | 3.3 | 26        |
| 33 | Relationship between innate immunity, soluble markers and metabolic-clinical parameters in HIV+ patients ART treated with HIV-RNA < 50 cp/mL. <i>Journal of the International AIDS Society</i> , 2014, 17, 19718.   | 3.0 | 2         |
| 34 | Innate immunity cell activation in virologically suppressed HIV-infected maraviroc-treated patients. <i>Aids</i> , 2014, 28, 1071-1074.   | 2.2 | 5         |
| 35 | Single nucleotide polymorphisms in the promoter regions of Foxp3 and ICOSLG genes are associated with Alopecia Areata. <i>Clinical and Experimental Medicine</i> , 2014, 14, 91-97.   | 3.6 | 33        |
| 36 | Recombinant IL-21 and anti-CD4 antibodies cooperate in syngeneic neuroblastoma immunotherapy and mediate long-lasting immunity. <i>Cancer Immunology, Immunotherapy</i> , 2014, 63, 501-511.  | 4.2 | 21        |

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|----|---|-----|-----------|
| 37 | ImmunoDB: a web based tool to analyze preclinical data. <i>Studies in Health Technology and Informatics</i> , 2014, 205, 438-42.  | 0.3 | 2         |
| 38 | Comparative analysis of cancer vaccine settings for the selection of an effective protocol in mice. <i>Journal of Translational Medicine</i> , 2013, 11, 120.   | 4.4 | 18        |
| 39 | Fingolimod Modulates Peripheral Effector and Regulatory T Cells in MS Patients. <i>Journal of NeuroImmune Pharmacology</i> , 2013, 8, 1106-1113.  | 4.1 | 69        |
| 40 | A multi-peptide, dual-adjuvant telomerase vaccine (GX301) is highly immunogenic in patients with prostate and renal cancer. <i>Cancer Immunology, Immunotherapy</i> , 2013, 62, 1041-1052.                      | 4.2 | 55        |
| 41 | CD39 is highly involved in mediating the suppression activity of tumor-infiltrating CD8+ T regulatory lymphocytes. <i>Cancer Immunology, Immunotherapy</i> , 2013, 62, 851-862.                                 | 4.2 | 56        |
| 42 | Indoleamine 2,3 dioxygenase gene polymorphisms correlate with CD8+ Treg impairment in systemic sclerosis. <i>Human Immunology</i> , 2013, 74, 166-169.  | 2.4 | 24        |
| 43 | Metformin selectively affects human glioblastoma tumor-initiating cell viability. <i>Cell Cycle</i> , 2013, 12, 145-156.  | 2.6 | 154       |
| 44 | Bioactive surfaces for antibody-antigen complex detection by Atomic Force Microscopy. <i>Journal of Physics: Conference Series</i> , 2013, 439, 012001.   | 0.4 | 13        |
| 45 | Generation of more effective cancer vaccines. <i>Human Vaccines and Immunotherapeutics</i> , 2013, 9, 2543-2547.  | 3.3 | 11        |
| 46 | The Ligurian Human Immunodeficiency Virus Clinical Network: A Web Tool to Manage Patients With Human Immunodeficiency Virus in Primary Care and Multicenter Clinical Trials. <i>Medicine 2 0</i> , 2013, 2, e5. | 2.4 | 22        |
| 47 | Th17 and regulatory T lymphocytes in primary biliary cirrhosis and systemic sclerosis as models of autoimmune fibrotic diseases. <i>Autoimmunity Reviews</i> , 2012, 12, 300-304.                               | 5.8 | 70        |
| 48 | Cyclophosphamide inhibits the generation and function of CD8+ regulatory T cells. <i>Human Immunology</i> , 2012, 73, 207-213.  | 2.4 | 27        |
| 49 | Abscisic acid ameliorates the systemic sclerosis fibroblast phenotype in vitro. <i>Biochemical and Biophysical Research Communications</i> , 2012, 422, 70-74.  | 2.1 | 19        |
| 50 | CD8 <sup>+</sup> T regulatory/suppressor cells and their relationships with autoreactivity and autoimmunity. <i>Autoimmunity</i> , 2011, 44, 51-57.   | 2.6 | 42        |
| 51 | Alteration of Th17 and Treg cell subpopulations co-exist in patients affected with systemic sclerosis. <i>Clinical Immunology</i> , 2011, 139, 249-257.   | 3.2 | 105       |
| 52 | Th17 cells and allergic rhinitis: Is there clinical relevance?. <i>Otolaryngology - Head and Neck Surgery</i> , 2010, 143, 604-605.   | 1.9 | 8         |
| 53 | The role of AIRE polymorphisms in melanoma. <i>Clinical Immunology</i> , 2010, 136, 96-104.   | 3.2 | 23        |
| 54 | Peripheral Th-17 cells in allergic rhinitis: New evidence. <i>International Immunopharmacology</i> , 2010, 10, 226-229.   | 3.8 | 34        |

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|----|--|-----|-----------|
| 55 | Phenotypical and functional alterations of CD8 regulatory T cells in primary biliary cirrhosis. <i>Journal of Autoimmunity</i> , 2010, 35, 176-180.  | 6.5 | 64        |
| 56 | Modulation of p38 MAPK Activity in Regulatory T Cells after Tolerance with Anti-DNA Ig Peptide in (NZB) Tj ETQq0 0.0 rgBT /Overlock 10   | 0.8 | 15        |
| 57 | Serum Leptin Levels in Patients with Pollen-Induced Allergic Rhinitis. <i>International Archives of Allergy and Immunology</i> , 2009, 148, 211-218.   | 2.1 | 20        |
| 58 | Flu vaccination with a virosomal vaccine does not affect clinical course and immunological parameters in scleroderma patients. <i>Vaccine</i> , 2009, 27, 3367-3372.   | 3.8 | 34        |
| 59 | Adipokines and sublingual immunotherapy: Preliminary report. <i>Human Immunology</i> , 2009, 70, 73-78.  | 2.4 | 7         |
| 60 | Advancements on phenotypic and functional characterization of non-antigen-specific CD8+CD28 <sup>+</sup> regulatory T cells. <i>Human Immunology</i> , 2008, 69, 745-750.  | 2.4 | 44        |
| 61 | Carry-over effect on IFN-gamma production induced by allergen-specific immunotherapy. <i>International Immunopharmacology</i> , 2008, 8, 1622-1625.  | 3.8 | 12        |
| 62 | Serum IL-17 levels in patients with allergic rhinitis. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 122, 650-651.e2.  | 2.9 | 52        |
| 63 | Small Intestinal Bacterial Overgrowth in Patients Suffering From Scleroderma: Clinical Effectiveness of Its Eradication. <i>American Journal of Gastroenterology</i> , 2008, 103, 1257-1262.                           | 0.4 | 114       |
| 64 | New Therapies in SLE. <i>Recent Patents on Inflammation and Allergy Drug Discovery</i> , 2008, 2, 11-23.   | 3.6 | 5         |
| 65 | CD8+CD28 <sup>+</sup> T Regulatory Lymphocytes Inhibiting T Cell Proliferative and Cytotoxic Functions Infiltrate Human Cancers. <i>Journal of Immunology</i> , 2007, 179, 4323-4334.                                  | 0.8 | 207       |
| 66 | Protection against renal disease in (NZB $\times$ NZW)F1 lupus-prone mice after somatic B cell gene vaccination with anti-DNA immunoglobulin consensus peptide. <i>Arthritis and Rheumatism</i> , 2007, 56, 1945-1953. | 6.7 | 26        |
| 67 | Prednisone increases apoptosis in <i>in vitro</i> activated human peripheral blood T lymphocytes. <i>Clinical and Experimental Immunology</i> , 2007, 103, 482-490.  | 2.6 | 101       |
| 68 | AIRE gene polymorphisms in systemic sclerosis associated with autoimmune thyroiditis. <i>Clinical Immunology</i> , 2007, 122, 13-17.   | 3.2 | 35        |
| 69 | Gene Vaccination for the Induction of Immune Tolerance. <i>Annals of the New York Academy of Sciences</i> , 2007, 1110, 99-111.  | 3.8 | 23        |
| 70 | Frequency of telomerase-specific CD8+ T lymphocytes in patients with cancer. <i>Blood</i> , 2006, 107, 1505-1512.  | 1.4 | 55        |
| 71 | Endocrine Regulation of Suppressor Lymphocytes: Role of the Glucocorticoid-Induced TNF-Like Receptor. <i>Annals of the New York Academy of Sciences</i> , 2006, 1069, 377-385.   | 3.8 | 12        |
| 72 | Disruption of immunological tolerance: Role of AIRE gene in autoimmunity. <i>Autoimmunity Reviews</i> , 2006, 5, 145-147.  | 5.8 | 46        |

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|----|--|-----|-----------|
| 73 | Non-Antigen-Specific CD8+ T Suppressor Lymphocytes in Diseases Characterized by Chronic Immune Responses and Inflammation. <i>Annals of the New York Academy of Sciences</i> , 2005, 1050, 115-123.                              | 3.8 | 45        |
| 74 | Blunted coronary flow reserve in systemic sclerosis: a sign of cardiac involvement in asymptomatic patients. <i>Annals of the Rheumatic Diseases</i> , 2004, 63, 210-211.  | 0.9 | 13        |
| 75 | A case of successful pregnancy in a woman with systemic sclerosis treated with cyclosporin. <i>British Journal of Rheumatology</i> , 2004, 43, 1310-1311.  | 2.3 | 8         |
| 76 | Spontaneous transgenesis of human B lymphocytes. <i>Gene Therapy</i> , 2004, 11, 42-51.  | 4.5 | 20        |
| 77 | Non-antigen specific CD8+ T suppressor lymphocytes. <i>Clinical and Experimental Medicine</i> , 2004, 4, 86-92.  | 3.6 | 46        |
| 78 | Nonantigen specific CD8+ T suppressor lymphocytes originate from CD8+CD28 <sup>hi</sup> T cells and inhibit both T-Cell proliferation and CTL function. <i>Human Immunology</i> , 2004, 65, 142-156.                             | 2.4 | 151       |
| 79 | Soluble HLA-A, -B, -C and -G molecules induce apoptosis in T and NK CD8 <sup>+</sup> cells and inhibit cytotoxic T <sub>H</sub> 1 cell activity through CD8 ligation. <i>European Journal of Immunology</i> , 2003, 33, 125-134. | 2.9 | 338       |
| 80 | Apoptotic DNA binds to HLA class II molecules inhibiting antigen presentation and participating in the development of anti-inflammatory functional behavior of phagocytic macrophages. <i>Human Immunology</i> , 2003, 64, 9-20. | 2.4 | 10        |
| 81 | CD8 T suppressor cells are back to the game: are they players in autoimmunity?. <i>Autoimmunity Reviews</i> , 2002, 1, 279-283.  | 5.8 | 97        |
| 82 | Immune Homeostasis Requires Several Biologic Factors Including Glucocorticoid Hormones. <i>Annals of the New York Academy of Sciences</i> , 2002, 966, 49-63.  | 3.8 | 15        |
| 83 | In vitro immunosuppressive activity of soluble HLA class I and Fas ligand molecules: do they play a role in autologous blood transfusion?. <i>Transfusion</i> , 2001, 41, 988-996.   | 1.6 | 45        |
| 84 | Long-term treatment of patients affected by systemic sclerosis with cyclosporin A. <i>British Journal of Rheumatology</i> , 2001, 40, 1431-1432.   | 2.3 | 39        |
| 85 | Impairment of CD8+ T Suppressor Cell Function in Patients with Active Systemic Lupus Erythematosus. <i>Journal of Immunology</i> , 2001, 166, 6452-6457.   | 0.8 | 160       |
| 86 | Increased $\beta$ 2-microglobulin-free HLA class I heavy chain serum levels in the course of immune responses to viral antigens and to mismatched HLA antigens. <i>Tissue Antigens</i> , 2000, 55, 333-341.                      | 1.0 | 4         |
| 87 | Soluble human MHC class I molecules induce soluble Fas ligand secretion and trigger apoptosis in activated CD8+ Fas (CD95)+ T lymphocytes. <i>International Immunology</i> , 2000, 12, 195-203.                                  | 4.0 | 98        |
| 88 | Soluble HLA class I/CD8 ligation triggers apoptosis in EBV-specific CD8+ cytotoxic T lymphocytes by Fas/Fas-ligand interaction. <i>Human Immunology</i> , 2000, 61, 1347-1351.   | 2.4 | 27        |
| 89 | Cyclosporin A and iloprost treatment of systemic sclerosis: clinical results and interleukin-6 serum changes after 12 months of therapy. <i>Rheumatology</i> , 1999, 38, 992-996.  | 1.9 | 103       |
| 90 | Immune Regulatory Properties of Corticosteroids: Prednisone Induces Apoptosis of Human T Lymphocytes following the CD3 Down-regulation. <i>Annals of the New York Academy of Sciences</i> , 1999, 876, 164-179.                  | 3.8 | 17        |

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|-----|---|-----|-----------|
| 91  | Possible Differences in the Mechanism(s) of Action of Different Glucocorticoid Hormone Compounds. <i>Annals of the New York Academy of Sciences</i> , 1999, 876, 193-197.   | 3.8 | 17        |
| 92  | Is there a role for NK cells in the pathogenesis of multiple sclerosis? A case study. <i>Human Immunology</i> , 1999, 60, 231-238.  | 2.4 | 4         |
| 93  | Soluble HLA Class I, HLA Class II, and Fas Ligand in Blood Components: A Possible Key to Explain the Immunomodulatory Effects of Allogeneic Blood Transfusions. <i>Blood</i> , 1999, 93, 1770-1777.   | 1.4 | 118       |
| 94  | Double-stranded deoxyribonucleic acid binds to HLA class II molecules and inhibits HLA class II-mediated antigen presentation. <i>European Journal of Immunology</i> , 1998, 28, 3968-3979.   | 2.9 | 12        |
| 95  | Plicometer skin test: a new technique for the evaluation of cutaneous involvement in systemic sclerosis. <i>Rheumatology</i> , 1997, 36, 244-250.   | 1.9 | 16        |
| 96  | Soluble HLA Class I and Class II Molecule Levels in Serum and Cerebrospinal Fluid of Multiple Sclerosis Patients. <i>Human Immunology</i> , 1997, 54, 54-62.  | 2.4 | 32        |
| 97  | S-adenosyl-L-methionine is able to reverse the immunosuppressive effects of chenodeoxycholic acid in vitro. <i>International Journal of Immunopharmacology</i> , 1997, 19, 157-165.   | 1.1 | 3         |
| 98  | dsDNA, nucleohistone- and DNASE I-reactive T lymphocytes in patients affected by systemic lupus erythematosus: correlation with clinical disease activity. <i>Clinical and Experimental Rheumatology</i> , 1996, 14, 543-50.                            | 0.8 | 5         |
| 99  | Increased serum concentration of soluble HLA-DR antigens in HIV infection and following transplantation. <i>Tissue Antigens</i> , 1995, 46, 117-123.  | 1.0 | 36        |
| 100 | Major histocompatibility complex class I-restricted presentation of influenza virus nucleoprotein peptide by B lymphoma cells harboring an antibody gene antigenized with the virus peptide. <i>European Journal of Immunology</i> , 1995, 25, 776-783. | 2.9 | 27        |
| 101 | Interferons up-regulate with different potency HLA class I antigen expression in M14 human melanoma cell line. Possible interaction with glucocorticoid hormones. <i>Cancer Immunology, Immunotherapy</i> , 1995, 41, 23-28.                            | 4.2 | 11        |
| 102 | CD4+ Th0 cell clones, isolated from a metastatic lymph node of a melanoma patient, possess cytolytic function. <i>Cancer Immunology, Immunotherapy</i> , 1995, 41, 210-216.   | 4.2 | 0         |
| 103 | DsDNA-Specific T-Cell Lines in Systemic Lupus Erythematosus Patients: Data Suggesting Their Oligoclonality. <i>Annals of the New York Academy of Sciences</i> , 1995, 756, 428-431.   | 3.8 | 2         |
| 104 | Immune cell circulating subsets are affected by gonadal function. <i>Life Sciences</i> , 1994, 54, 1305-1312.   | 4.3 | 146       |
| 105 | Immunotherapy with intralesional and systemic interleukin-2 of patients with non-small-cell lung cancer. <i>Cancer Immunology, Immunotherapy</i> , 1993, 37, 119-124.   | 4.2 | 14        |
| 106 | Expression of conformationally constrained adhesion peptide in an antibody CDR loop and inhibition of natural killer cell cytotoxic activity by an antibody antigenized with the RGD motif. <i>EMBO Journal</i> , 1993, 12, 4375-4384.                  | 7.8 | 25        |
| 107 | Gamma Endorphin and Hla Class I Related Immune Functions. Preliminary Observations. <i>International Journal of Neuroscience</i> , 1990, 51, 181-183.   | 1.6 | 0         |