

Gilberto Filaci

List of Publications by Year in descending order

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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	Soluble HLA A, B, C and G molecules induce apoptosis in T and NK CD8 ⁺ cells and inhibit cytotoxic T cell activity through CD8 ligation. <i>European Journal of Immunology</i> , 2003, 33, 125-134.	2.9	338
3	CD8 ⁺ CD28 ^{hi} 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
4	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
5	Metformin selectively affects human glioblastoma tumor-initiating cell viability. <i>Cell Cycle</i> , 2013, 12, 145-156.	2.6	154
6	Nonantigen specific CD8 ⁺ T suppressor lymphocytes originate from CD8 ⁺ CD28 ^{hi} T cells and inhibit both T-Cell proliferation and CTL function. <i>Human Immunology</i> , 2004, 65, 142-156.	2.4	151
7	Immune cell circulating subsets are affected by gonadal function. <i>Life Sciences</i> , 1994, 54, 1305-1312.	4.3	146
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	Fingolimod Modulates Peripheral Effector and Regulatory T Cells in MS Patients. <i>Journal of NeuroImmune Pharmacology</i> , 2013, 8, 1106-1113.	4.1	69
18	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

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19	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
20	Frequency of telomerase-specific CD8+ T lymphocytes in patients with cancer. <i>Blood</i> , 2006, 107, 1505-1512.	1.4	55
21	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
22	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
23	Non-antigen specific CD8+ T suppressor lymphocytes. <i>Clinical and Experimental Medicine</i> , 2004, 4, 86-92.	3.6	46
24	Disruption of immunological tolerance: Role of AIRE gene in autoimmunity. <i>Autoimmunity Reviews</i> , 2006, 5, 145-147.	5.8	46
25	A new marine-derived sulfoglycolipid triggers dendritic cell activation and immune adjuvant response. <i>Scientific Reports</i> , 2017, 7, 6286.	3.3	46
26	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
27	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
28	Advancements on phenotypic and functional characterization of non-antigen-specific CD8+CD28 ^{hi} regulatory T cells. <i>Human Immunology</i> , 2008, 69, 745-750.	2.4	44
29	CD8 ⁺ T regulatory/suppressor cells and their relationships with autoreactivity and autoimmunity. <i>Autoimmunity</i> , 2011, 44, 51-57.	2.6	42
30	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
31	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
32	AIRE gene polymorphisms in systemic sclerosis associated with autoimmune thyroiditis. <i>Clinical Immunology</i> , 2007, 122, 13-17.	3.2	35
33	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
34	Peripheral Th-17 cells in allergic rhinitis: New evidence. <i>International Immunopharmacology</i> , 2010, 10, 226-229.	3.8	34
35	Anti-Cancer Immunotherapies Targeting Telomerase. <i>Cancers</i> , 2020, 12, 2260.	3.7	34
36	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

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37	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
38	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
39	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
40	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
41	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
42	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
43	Cyclophosphamide inhibits the generation and function of CD8+ regulatory T cells. <i>Human Immunology</i> , 2012, 73, 207-213.	2.4	27
44	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
45	Protection against renal disease in (NZB × 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
46	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
47	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
48	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
49	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
50	Dopamine inhibits human CD8+ Treg function through D1-like dopaminergic receptors. <i>Journal of Neuroimmunology</i> , 2019, 332, 233-241.	2.3	24
51	Characterization of T lymphocytes in severe COVID-19 patients. <i>Journal of Medical Virology</i> , 2021, 93, 5608-5613.	5.0	24
52	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
53	The role of AIRE polymorphisms in melanoma. <i>Clinical Immunology</i> , 2010, 136, 96-104.	3.2	23
54	CD8+CD28 ^{hi} CD127 ^{lo} CD39 ⁺ 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

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55	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
56	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</i> 2013, 2, e5.	2.4	22
57	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
58	Spontaneous transgenesis of human B lymphocytes. <i>Gene Therapy</i> , 2004, 11, 42-51.	4.5	20
59	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
60	Abscisic acid ameliorates the systemic sclerosis fibroblast phenotype in vitro. <i>Biochemical and Biophysical Research Communications</i> , 2012, 422, 70-74.	2.1	19
61	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
62	How to Make Immunotherapy an Effective Therapeutic Choice for Uveal Melanoma. <i>Cancers</i> , 2021, 13, 2043.	3.7	18
63	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
64	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
65	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
66	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
67	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
68	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
69	Phenotypic Alterations Involved in CD8+ Treg Impairment in Systemic Sclerosis. <i>Frontiers in Immunology</i> , 2017, 8, 18.	4.8	15
70	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
71	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
72	Cytokine-Induced Guanylate Binding Protein 1 (GBP1) Release from Human Ovarian Cancer Cells. <i>Cancers</i> , 2020, 12, 488.	3.7	14

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73	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
74	Bioactive surfaces for antibody-antigen complex detection by Atomic Force Microscopy. <i>Journal of Physics: Conference Series</i> , 2013, 439, 012001.	0.4	13
75	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
76	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
77	Carry-over effect on IFN-gamma production induced by allergen-specific immunotherapy. <i>International Immunopharmacology</i> , 2008, 8, 1622-1625.	3.8	12
78	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
79	Generation of more effective cancer vaccines. <i>Human Vaccines and Immunotherapeutics</i> , 2013, 9, 2543-2547.	3.3	11
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	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
82	Th17 cells and allergic rhinitis: Is there clinical relevance?. <i>Otolaryngology - Head and Neck Surgery</i> , 2010, 143, 604-605.	1.9	8
83	AIRE polymorphism, melanoma antigen-specific T cell immunity, and susceptibility to melanoma. <i>Oncotarget</i> , 2016, 7, 60872-60884.	1.8	8
84	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
85	Increased frequency of interleukin-4 and reduced frequency of interferon- β and IL-17-producing CD4+ and CD8+ cells in scleromyxedema. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2020, 34, 1092-1097.	2.4	8
86	Development of Exhaustion and Acquisition of Regulatory Function by Infiltrating CD8+CD28 ⁻ T Lymphocytes Dictate Clinical Outcome in Head and Neck Cancer. <i>Cancers</i> , 2021, 13, 2234.	3.7	8
87	Adipokines and sublingual immunotherapy: Preliminary report. <i>Human Immunology</i> , 2009, 70, 73-78.	2.4	7
88	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
89	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
90	New Therapies in SLE. <i>Recent Patents on Inflammation and Allergy Drug Discovery</i> , 2008, 2, 11-23.	3.6	5

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91	Innate immunity cell activation in virologically suppressed HIV-infected maraviroc-treated patients. <i>Aids</i> , 2014, 28, 1071-1074.	2.2	5
92	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
93	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
94	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
95	Increased β 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
96	S-adenosyl-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
97	IL-27 Mediates PD-L1 Expression and Release by Human Mesothelioma Cells. <i>Cancers</i> , 2021, 13, 4011.	3.7	3
98	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
99	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
100	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
101	ImmunoDB: a web based tool to analyze preclinical data. <i>Studies in Health Technology and Informatics</i> , 2014, 205, 438-42.	0.3	2
102	B cells characterization in ADA2 Deficiency patients. <i>Pediatric Rheumatology</i> , 2015, 13, .	2.1	1
103	Rationale for an Association Between PD1 Checkpoint Inhibition and Therapeutic Vaccination Against HIV. <i>Frontiers in Immunology</i> , 2018, 9, 2447.	4.8	1
104	Gamma Endorphin and Hla Class I Related Immune Functions. Preliminary Observations. <i>International Journal of Neuroscience</i> , 1990, 51, 181-183.	1.6	0
105	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
106	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
107	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