Silvia Gregori

List of Publications by Year
in descending order

123 papers	9,961 citations	38742 50 h-index	36028 97 g-index
127 all docs	127 docs citations	127 times ranked	10672 citing authors

#	Article	IF	Citations
1	Interleukinâ€10â€secreting type 1 regulatory T cells in rodents and humans. Immunological Reviews, 2006, 212, 28-50.	6.0	1,071
2	Coexpression of CD49b and LAG-3 identifies human and mouse T regulatory type 1 cells. Nature Medicine, 2013, 19, 739-746.	30.7	700
3	Regulatory T Cells Induced by 1Î±,25-Dihydroxyvitamin D3 and Mycophenolate Mofetil Treatment Mediate Transplantation Tolerance. Journal of Immunology, 2001, 167, 1945-1953.	0.8	577
4	Differentiation of type 1 T regulatory cells (Tr1) by tolerogenic DC-10 requires the IL-10â€“dependent ILT4/HLA-G pathway. Blood, 2010, 116, 935-944.	1.4	481
5	A 1Î±,25-Dihydroxyvitamin D3 Analog Enhances Regulatory T-Cells and Arrests Autoimmune Diabetes in NOD Mice. Diabetes, 2002, 51, 1367-1374.	0.6	446
6	Differentiation of Tr1 cells by immature dendritic cells requires IL-10 but not CD25+CD4+ Tr cells. Blood, 2005, 105, 1162-1169.	1.4	435
7	Tr1 cells: From discovery to their clinical application. Seminars in Immunology, 2006, 18, 120-127.	5.6	246
8	The Biology of T Regulatory Type 1 Cells and Their Therapeutic Application in Immune-Mediated Diseases. Immunity, 2018, 49, 1004-1019.	14.3	230
9	Dynamics of Pathogenic and Suppressor T Cells in Autoimmune Diabetes Development. Journal of Immunology, 2003, 171, 4040-4047.	0.8	218
10	CD4⁺ Tâ€regulatory cells: toward therapy for human diseases. Immunological Reviews, 2008, 223, 391-421.	6.0	213
11	Tr1 Cells and the Counter-Regulation of Immunity: Natural Mechanisms and Therapeutic Applications. Current Topics in Microbiology and Immunology, 2014, 380, 39-68.	1.1	191
12	CD4+ regulatory T cells: Mechanisms of induction and effector function. Autoimmunity Reviews, 2005, 4, 491-496.	5.8	167
13	Is FOXP3 a bona fide marker for human regulatory T cells?. European Journal of Immunology, 2008, 38, 925-927.	2.9	156
14	Induction of Tolerance in Type 1 Diabetes via Both CD4+CD25+ T Regulatory Cells and T Regulatory Type 1 Cells. Diabetes, 2006, 55, 1571-1580.	0.6	151
15	Activation of the aryl hydrocarbon receptor promotes allograft-specific tolerance through direct and dendritic cellâ€“mediated effects on regulatory T cells. Blood, 2008, 112, 1214-1222.	1.4	151
16	The Cellular and Molecular Mechanisms of Immuno-Suppression by Human Type 1 Regulatory T Cells. Frontiers in Immunology, 2012, 3, 30.	4.8	138
17	Hurdles in therapy with regulatory T cells. Science Translational Medicine, 2015, 7, 304ps18.	12.4	136
18	Immunological Outcome in Haploidentical-HSC Transplanted Patients Treated with IL-10-Anergized Donor T Cells. Frontiers in Immunology, 2014, 5, 16.	4.8	126

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19	Killing of myeloid APCs via HLA class I, CD2 and CD226 defines a novel mechanism of suppression by human Tr1 cells. European Journal of Immunology, 2011, 41, 1652-1662.	2.9	122
20	Deviation of pancreas-infiltrating cells to Th2 by interleukin-12 antagonist administration inhibits autoimmune diabetes. European Journal of Immunology, 1997, 27, 2330-2339.	2.9	119
21	Understanding autoimmune diabetes: insights from mouse models. Trends in Molecular Medicine, 2002, 8, 31-38.	6.7	109
22	HLA-G expressing DC-10 and CD4+ T cells accumulate in human decidua during pregnancy. Human Immunology, 2013, 74, 406-411.	2.4	102
23	Myeloid apolipoprotein E controls dendritic cell antigen presentation and T cell activation. Nature Communications, 2018, 9, 3083.	12.8	95
24	A Peptide-binding Motif for I-Ag7, the Class II Major Histocompatibility Complex (MHC) Molecule of NOD and Biozzi AB/H Mice. Journal of Experimental Medicine, 1997, 185, 1013-1022.	8.5	92
25	Disabling an integral CTL epitope allows suppression of autoimmune diabetes by intranasal proinsulin peptide. Journal of Clinical Investigation, 2003, 111, 1365-1371.	8.2	89
26	IL-10-Producing T Regulatory Type 1 Cells and Oral Tolerance. Annals of the New York Academy of Sciences, 2004, 1029, 142-153.	3.8	88
27	The tolerogenic interplay(s) among HLA-G, myeloid APCs, and regulatory cells. Blood, 2011, 118, 6499-6505.	1.4	88
28	IL-12 Administration Accelerates Autoimmune Diabetes in Both Wild-Type and IFN-Î³-Deficient Nonobese Diabetic Mice, Revealing Pathogenic and Protective Effects of IL-12-Induced IFN-Î³. Journal of Immunology, 2003, 170, 5491-5501.	0.8	83
29	Enforced IL-10 Expression Confers Type 1 Regulatory T Cell (Tr1) Phenotype and Function to Human CD4+ T Cells. Molecular Therapy, 2012, 20, 1778-1790.	8.2	78
30	HIV-1-mediated insertional activation of STAT5B and BACH2 trigger viral reservoir in T regulatory cells. Nature Communications, 2017, 8, 498.	12.8	78
31	Functional type 1 regulatory T cells develop regardless of FOXP3 mutations in patients with IPEX syndrome. European Journal of Immunology, 2011, 41, 1120-1131.	2.9	72
32	Rapamycin and interleukin-10 treatment induces T regulatory type 1 cells that mediate antigen-specific transplantation tolerance. Diabetes, 2006, 55, 40-9.	0.6	72
33	The Frequency of High Avidity T Cells Determines the Hierarchy of Determinant Spreading. Journal of Immunology, 2001, 166, 7144-7150.	0.8	70
34	HLA-G expression levels influence the tolerogenic activity of human DC-10. Haematologica, 2015, 100, 548-557.	3.5	69
35	Immune Depletion With Cellular Mobilization Imparts Immunoregulation and Reverses Autoimmune Diabetes in Nonobese Diabetic Mice. Diabetes, 2009, 58, 2277-2284.	0.6	68
36	Clinical tolerance in allogeneic hematopoietic stem cell transplantation. Immunological Reviews, 2011, 241, 145-163.	6.0	68

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37	New insights into <scp>HLA</scp>â€G mediated tolerance. Tissue Antigens, 2014, 84, 255-263.	1.0	66
38	An anti-CD45RO/RB monoclonal antibody modulates T cell responses via induction of apoptosis and generation of regulatory T cells. Journal of Experimental Medicine, 2005, 201, 1293-1305.	8.5	64
39	Molecular and functional characterization of allogantigen-specific anergic T cells suitable for cell therapy. Haematologica, 2010, 95, 2134-2143.	3.5	63
40	HLA-G Orchestrates the Early Interaction of Human Trophoblasts with the Maternal Niche. Frontiers in Immunology, 2015, 6, 128.	4.8	62
41	The role of HLA-G in immunity and hematopoiesis. Cellular and Molecular Life Sciences, 2011, 68, 353-368.	5.4	60
42	Dendritic cells a double-edge sword in autoimmune responses. Frontiers in Immunology, 2012, 3, 233.	4.8	60
43	Engineered T Regulatory Type 1 Cells for Clinical Application. Frontiers in Immunology, 2018, 9, 233.	4.8	60
44	Pancreas-infiltrating Th1 cells and diabetes develop in IL-12-deficient nonobese diabetic mice. Journal of Immunology, 1999, 163, 2960-8.	0.8	60
45	Secretory defects induced by immunosuppressive agents on human pancreatic Î²-cells. Acta Diabetologica, 2002, 39, 229-233.	2.5	59
46	DHRS9 Is a Stable Marker of Human Regulatory Macrophages. Transplantation, 2017, 101, 2731-2738.	1.0	58
47	Minimum information about tolerogenic antigen-presenting cells (MITAP): a first step towards reproducibility and standardisation of cellular therapies. PeerJ, 2016, 4, e2300.	2.0	55
48	Interleukin-10-Producing DC-10 Is a Unique Tool to Promote Tolerance Via Antigen-Specific T Regulatory Type 1 Cells. Frontiers in Immunology, 2018, 9, 682.	4.8	54
49	Coexpression of CD163 and CD141 identifies human circulating IL-10-producing dendritic cells (DC-10). Cellular and Molecular Immunology, 2020, 17, 95-107.	10.5	54
50	Clinical Outlook for Type-1 and FOXP3+ T Regulatory Cell-Based Therapy. Frontiers in Immunology, 2015, 6, 593.	4.8	53
51	Induction of anergic allergen-specific suppressor T cells using tolerogenic dendritic cells derived from children with allergies to house dust mites. Journal of Allergy and Clinical Immunology, 2010, 125, 727-736.	2.9	51
52	Human tolerogenic DC-10: perspectives for clinical applications. Transplantation Research, 2012, 1, 14.	1.5	51
53	Granulocyteâ€colony stimulating factor drives the in vitro differentiation of human dendritic cells that induce anergy in naÃ¯ve T cells. European Journal of Immunology, 2010, 40, 3097-3106.	2.9	49
54	Subcutaneous immunization with heat shock protein-65 reduces atherosclerosis in Apoeâ¯'/â¯' mice. Immunobiology, 2012, 217, 540-547.	1.9	49

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55	Modulation of immune responses in lentiviral vector-mediated gene transfer. Cellular Immunology, 2019, 342, 103802.	3.0	49
56	Safety of Arylsulfatase A Overexpression for Gene Therapy of Metachromatic Leukodystrophy. Human Gene Therapy, 2007, 18, 821-836.	2.7	47
57	Dendritic cells in networks of immunological tolerance. Tissue Antigens, 2011, 77, 89-99.	1.0	47
58	Role of myeloid regulatory cells (MRCs) in maintaining tissue homeostasis and promoting tolerance in autoimmunity, inflammatory disease and transplantation. Cancer Immunology, Immunotherapy, 2019, 68, 661-672.	4.2	47
59	Disabling an integral CTL epitope allows suppression of autoimmune diabetes by intranasal proinsulin peptide. Journal of Clinical Investigation, 2003, 111, 1365-1371.	8.2	47
60	Transplant Tolerance to Pancreatic Islets Is Initiated in the Graft and Sustained in the Spleen. American Journal of Transplantation, 2013, 13, 1963-1975.	4.7	44
61	Minimum Information about T Regulatory Cells: A Step toward Reproducibility and Standardization. Frontiers in Immunology, 2017, 8, 1844.	4.8	43
62	The role of interleukin 10 in the control of autoimmunity. Journal of Autoimmunity, 2003, 20, 269-272.	6.5	42
63	HIV-1-Derived Lentiviral Vectors Directly Activate Plasmacytoid Dendritic Cells, Which in Turn Induce the Maturation of Myeloid Dendritic Cells. Human Gene Therapy, 2011, 22, 177-188.	2.7	40
64	IL-10-Engineered Human CD4+ Tr1 Cells Eliminate Myeloid Leukemia in an HLA Class I-Dependent Mechanism. Molecular Therapy, 2017, 25, 2254-2269.	8.2	40
65	Early Th1 Response in Unprimed Nonobese Diabetic Mice to the Tyrosine Phosphatase-Like Insulinoma-Associated Protein 2, an Autoantigen in Type 1 Diabetes. Journal of Immunology, 2000, 165, 6748-6755.	0.8	37
66	Role of human leukocyte antigen-G in the induction of adaptive type 1 regulatory T cells. Human Immunology, 2009, 70, 966-969.	2.4	37
67	Monitoring T-Cell Responses in Translational Studies: Optimization of Dye-Based Proliferation Assay for Evaluation of Antigen-Specific Responses. Frontiers in Immunology, 2017, 8, 1870.	4.8	37
68	HLA-G Genotype/Expression/Disease Association Studies: Success, Hurdles, and Perspectives. Frontiers in Immunology, 2020, 11, 1178.	4.8	37
69	Rapamycin Combined with Anti-CD45RB mAb and IL-10 or with G-CSF Induces Tolerance in a Stringent Mouse Model of Islet Transplantation. PLoS ONE, 2011, 6, e28434.	2.5	36
70	Isolation, Expansion, and Characterization of Human Natural and Adaptive Regulatory T Cells. Methods in Molecular Biology, 2007, 380, 83-105.	0.9	36
71	HLA-G/LILRBs: A Cancer Immunotherapy Challenge. Trends in Cancer, 2021, 7, 389-392.	7.4	34
72	Peanut-specific type 1 regulatory T cells induced inÂvitro from allergic subjects are functionally impaired. Journal of Allergy and Clinical Immunology, 2018, 141, 202-213.e8.	2.9	30

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73	Humanâ€engineered Tregâ€like cells suppress FOXP3â€deficient T cells but preserve adaptive immune responses in vivo. Clinical and Translational Immunology, 2020, 9, e1214.	3.8	30
74	Tolerogenic Dendritic Cell-Based Approaches in Autoimmunity. International Journal of Molecular Sciences, 2021, 22, 8415.	4.1	30
75	Polymorphisms in the Il12b gene affect structure and expression of IL-12 in NOD and other autoimmune-prone mouse strains. Genes and Immunity, 2002, 3, 151-157.	4.1	29
76	Methods for In Vitro Generation of Human Type 1 Regulatory T Cells. Methods in Molecular Biology, 2010, 677, 31-46.	0.9	29
77	Targeting IL-12, the Key Cytokine Driving Th1-Mediated Autoimmune Diseases. , 1997, 68, 175-197.		28
78	Association of genetic variants in the 3â€²UTR of HLA-G with Recurrent Pregnancy Loss. Human Immunology, 2016, 77, 886-891.	2.4	28
79	The motif for peptide binding to the insulin-dependent diabetes mellitus-associated class II MHC molecule I-Ag7 validated by phage display library. International Immunology, 2000, 12, 493-503.	4.0	26
80	HLA-G Expression on Blasts and Tolerogenic Cells in Patients Affected by Acute Myeloid Leukemia. Journal of Immunology Research, 2014, 2014, 1-10.	2.2	24
81	The Role of IL-12 in the Pathogenesis of Thl Cell-Mediated Autoimmune Diseases. Annals of the New York Academy of Sciences, 1996, 795, 208-215.	3.8	23
82	Graft-versus-leukemia Effect of HLA-haploidentical Central-memory T-cells Expanded With Leukemic APCs and Modified With a Suicide Gene. Molecular Therapy, 2013, 21, 466-475.	8.2	23
83	Association of HLA-G 3â€² untranslated region variants with type 1 diabetes mellitus. Human Immunology, 2016, 77, 358-364.	2.4	20
84	Genotypes and haplotypes in the 3â€² untranslated region of the HLAâ€G gene and their association with clinical outcome of hematopoietic stem cell transplantation for betaâ€thalassemia. Tissue Antigens, 2012, 79, 326-332.	1.0	19
85	Type 1 T regulatory cells and their relationship with CD4+CD25+ T regulatory cells. Novartis Foundation Symposium, 2003, 252, 115-27; discussion 127-31, 203-10.	1.1	19
86	Regulatory T cells: prospective for clinical application in hematopoietic stem cell transplantation. Current Opinion in Hematology, 2005, 12, 451-456.	2.5	18
87	Protocol to assess the suppression of T-cell proliferation by human MDSC. Methods in Enzymology, 2020, 632, 155-192.	1.0	18
88	Lentiviral correction of enzymatic activity restrains macrophage inflammation in adenosine deaminase 2 deficiency. Blood Advances, 2021, 5, 3174-3187.	5.2	18
89	Targeting a Pre-existing Anti-transgene T Cell Response for Effective Gene Therapy of MPS-I in the Mouse Model of the Disease. Molecular Therapy, 2019, 27, 1215-1227.	8.2	17
90	IL-12 Administration Reveals Diabetogenic T Cells in Genetically Resistant I-Eα-Transgenic Nonobese Diabetic Mice: Resistance to Autoimmune Diabetes Is Associated with Binding of Eα-Derived Peptides to the I-Ag7 Molecule. Journal of Immunology, 2001, 167, 4104-4114.	0.8	13

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91	Mixed chimerism evolution is associated with T regulatory type 1 (Tr1) cells in a Î²-thalassemic patient after haploidentical haematopoietic stem cell transplantation. Chimerism, 2014, 5, 75-79.	0.7	13
92	APVO210: A Bispecific Anti-CD86-IL-10 Fusion Protein (ADAPTIRâ„¢) to Induce Antigen-Specific T Regulatory Type 1 Cells. Frontiers in Immunology, 2018, 9, 881.	4.8	13
93	Induction of Antigen-Specific Tolerance in T Cell Mediated Diseases. Frontiers in Immunology, 2020, 11, 2194.	4.8	12
94	Interleukin-10 Anergized Donor T Cell Infusion Improves Immune Reconstitution without Severe Graft-Versus-Host-Disease After Haploidentical Hematopoietic Stem Cell Transplantation.. Blood, 2009, 114, 45-45.	1.4	12
95	Antitumorigenic and Antiinsulinogenic Effects of Calcitriol on Insulinoma Cells and Solid Î²-Cell Tumors. Endocrinology, 2002, 143, 4018-4030.	2.8	11
96	Generation of Powerful Human Tolerogenic Dendritic Cells by Lentiviral-Mediated IL-10 Gene Transfer. Frontiers in Immunology, 2020, 11, 1260.	4.8	11
97	Inhibition of iNKT Cells by the HLA-G-ILT2 Checkpoint and Poor Stimulation by HLA-G-Expressing Tolerogenic DC. Frontiers in Immunology, 2020, 11, 608614.	4.8	11
98	Engineered type 1 regulatory T cells designed for clinical use kill primary pediatric acute myeloid leukemia cells. Haematologica, 2021, 106, 2588-2597.	3.5	11
99	Induction of transplantation tolerance by 1,25-dihydroxyvitamin D3. Transplantation Proceedings, 2001, 33, 58-59.	0.6	9
100	Regulatory Cell Therapy in Organ Transplantation: Achievements and Open Questions. Frontiers in Immunology, 2021, 12, 641596.	4.8	9
101	A peptide binding motif for I-Eg7, the MHC class II molecule that protects E alpha-transgenic nonobese diabetic mice from autoimmune diabetes. Journal of Immunology, 1999, 162, 6630-40.	0.8	9
102	Transplantation tolerance by 1,25-dihydroxyvitamin D3-induced costimulation blockade. Transplantation Proceedings, 2001, 33, 219-220.	0.6	8
103	Cross-reactive Mycobacterial and Self hsp60 Epitope Recognition in I-Ag7 Expressing NOD, NOD-asp and Biozzi AB/H Mice. Journal of Autoimmunity, 2002, 18, 139-147.	6.5	8
104	Reâ€Establishing Immune Tolerance in Type 1 Diabetes via Regulatory T Cells. Novartis Foundation Symposium, 2008, 292, 174-186.	1.1	8
105	Impact of HLA-G polymorphism on the outcome of allogeneic hematopoietic stem cell transplantation for metastatic renal cell carcinoma. Bone Marrow Transplantation, 2018, 53, 213-218.	2.4	8
106	Correlation of Der p 2 T-cell responses with clinical characteristics of children allergic to house dust mite. Annals of Allergy, Asthma and Immunology, 2012, 109, 442-447.	1.0	7
107	InsB9-23 Gene Transfer to Hepatocyte-Based Combined Therapy Abrogates Recurrence of Type 1 Diabetes After Islet Transplantation. Diabetes, 2021, 70, 171-181.	0.6	7
108	BAT2 and BAT3 polymorphisms as novel genetic risk factors for rejection after HLA-related SCT. Bone Marrow Transplantation, 2014, 49, 1400-1404.	2.4	6

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109	Dendritic Cell Immune Therapy to Break or Induce Tolerance. Current Stem Cell Reports, 2015, 1, 197-205.	1.6	5
110	Editorial: HLA-G-Mediated Immune Tolerance: Past and New Outlooks. Frontiers in Immunology, 2016, 7, 653.	4.8	5
111	Alteration of interleukin-10-producing Type 1 regulatory cells in autoimmune diseases. Current Opinion in Hematology, 2022, 29, 218-224.	2.5	5
112	Monoclonal Antibodies against Recombinant Human Growth Hormone as Probes to Study Immune Function. Hybridoma, 1996, 15, 211-217.	0.6	4
113	HIV-Derived Vectors for Gene Therapy Targeting Dendritic Cells. Advances in Experimental Medicine and Biology, 2012, 762, 239-261.	1.6	4
114	The study of engraftment after hematopoietic stem cell transplantation: From the presence of mixed chimerism to the development of immunological tolerance. Hla, 2018, 92, 57-59.	0.6	4
115	Altered Frequency and Phenotype of HLA-G-Expressing DC-10 in Type 1 Diabetes Patients at Onset and in Subjects at Risk to Develop the Disease. Frontiers in Immunology, 2021, 12, 750162.	4.8	4
116	The discovery of HLA-G-bearing extracellular vesicles: new perspectives in HLA-G biology. Annals of Translational Medicine, 2017, 5, 148-148.	1.7	4
117	Murine Pancreatic Islets Transplantation under the Kidney Capsule. Bio-protocol, 2018, 8, e2743.	0.4	4
118	Distinctive Immunological Functions of HLA-G. , 2012, , .		3
119	Type 1 regulatory T (Tr1) cells: from the bench to the bedside. Journal of Translational Medicine, 2012, 10, .	4.4	1
120	Isolation, Expansion, and Characterization of Human Natural and Adaptive Regulatory T Cells. , 0, , 83-106.		1
121	Editing TÂcell repertoire by thymic epithelial cell-directed gene transfer abrogates risk of type 1 diabetes development. Molecular Therapy - Methods and Clinical Development, 2022, 25, 508-519.	4.1	1
122	Exploiting the potential of regulatory T cells in the control of type 1 diabetes. , 2005, , 95-109.		0
123	Human Type 1 T Regulatory Cells. , 2008, , 455-471.		0