Samuel Strober

List of Publications by Year
in descending order

111 papers	9,392 citations	66343 42 h-index	38395 95 g-index
113 all docs	113 docs citations	113 times ranked	6830 citing authors

#	Article	IF	Citations
1	CD4+CD25+ regulatory T cells preserve graft-versus-tumor activity while inhibiting graft-versus-host disease after bone marrow transplantation. Nature Medicine, 2003, 9, 1144-1150.	30.7	1,174
2	Donor-type CD4+CD25+ Regulatory T Cells Suppress Lethal Acute Graft-Versus-Host Disease after Allogeneic Bone Marrow Transplantation. Journal of Experimental Medicine, 2002, 196, 389-399.	8.5	1,012
3	Isolation of CD4-CD8-mycobacteria-reactive T lymphocyte clones from rheumatoid arthritis synovial fluid. Nature, 1989, 339, 226-229.	27.8	570
4	Tolerance and Chimerism after Renal and Hematopoietic-Cell Transplantation. New England Journal of Medicine, 2008, 358, 362-368.	27.0	475
5	Only the CD62L+ subpopulation of CD4+CD25+ regulatory T cells protects from lethal acute GVHD. Blood, 2005, 105, 2220-2226.	1.4	379
6	Ablative Tumor Radiation Can Change the Tumor Immune Cell Microenvironment to Induce Durable Complete Remissions. Clinical Cancer Research, 2015, 21, 3727-3739.	7.0	373
7	Protective Conditioning for Acute Graft-versus-Host Disease. New England Journal of Medicine, 2005, 353, 1321-1331.	27.0	319
8	Bone Marrow NK1.1â^' and NK1.1+ T Cells Reciprocally Regulate Acute Graft versus Host Disease. Journal of Experimental Medicine, 1999, 189, 1073-1081.	8.5	300
9	Spontaneous murine B-cell leukaemia. Nature, 1978, 272, 624-626.	27.8	254
10	The Promise of Targeting Macrophages in Cancer Therapy. Clinical Cancer Research, 2017, 23, 3241-3250.	7.0	252
11	Mixed chimerism and immunosuppressive drug withdrawal after hla-mismatched kidney and hematopoietic progenitor transplantation1. Transplantation, 2002, 73, 1386-1391.	1.0	186
12	Acquired Immune Tolerance to Cadaveric Renal Allografts. New England Journal of Medicine, 1989, 321, 28-33.	27.0	183
13	Predominance of NK1.1+TCRÎ±Î²+ or DX5+TCRÎ±Î²+ T Cells in Mice Conditioned with Fractionated Lymphoid Irradiation Protects Against Graft-Versus-Host Disease: â€œNatural Suppressorâ€•Cells. Journal of Immunology, 2001, 167, 2087-2096.	0.8	170
14	Host natural killer T cells induce an interleukin-4â€“dependent expansion of donor CD4+CD25+Foxp3+ T regulatory cells that protects against graft-versus-host disease. Blood, 2009, 113, 4458-4467.	1.4	153
15	Cutting Edge: A Role for CD1 in the Pathogenesis of Lupus in NZB/NZW Mice. Journal of Immunology, 2000, 164, 5000-5004.	0.8	150
16	TLI and ATG conditioning with low risk of graft-versus-host disease retains antitumor reactions after allogeneic hematopoietic cell transplantation from related and unrelated donors. Blood, 2009, 114, 1099-1109.	1.4	150
17	Granulocyte Colony-Stimulating Factor Reduces the Capacity of Blood Mononuclear Cells to Induce Graft-Versus-Host Disease: Impact on Blood Progenitor Cell Transplantation. Blood, 1997, 90, 453-463.	1.4	146
18	Quantitation of T and B lymphocytes and cellular immune function in Hodgkin's disease. Cancer, 1975, 36, 169-179.	4.1	138

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19	Expression of CD161 (NKR-P1A) Defines Subsets of Human CD4 and CD8 T Cells with Different Functional Activities. Journal of Immunology, 2006, 176, 211-216.	0.8	138
20	Host conditioning with total lymphoid irradiation and antithymocyte globulin prevents graft-versus-host disease: the role of CD1-reactive natural killer T cells. Biology of Blood and Marrow Transplantation, 2003, 9, 355-363.	2.0	131
21	Activation of natural killer T cells in NZB/W mice induces Th1-type immune responses exacerbating lupus. Journal of Clinical Investigation, 2003, 112, 1211-1222.	8.2	130
22	Host NKT Cells Can Prevent Graft-versus-Host Disease and Permit Graft Antitumor Activity after Bone Marrow Transplantation. Journal of Immunology, 2007, 178, 6242-6251.	0.8	121
23	CLINICAL TRANSPLANTATION TOLERANCE TWELVE YEARS AFTER PROSPECTIVE WITHDRAWAL OF IMMUNOSUPPRESSIVE DRUGS: STUDIES OF CHIMERISM AND ANTI-DONOR REACTIVITY1. Transplantation, 2000, 69, 1549-1554.	1.0	118
24	Induced Immune Tolerance for Kidney Transplantation. New England Journal of Medicine, 2011, 365, 1359-1360.	27.0	110
25	Interactions between NKT cells and Tregs are required for tolerance to combined bone marrow and organ transplants. Blood, 2012, 119, 1581-1589.	1.4	87
26	Immune Tolerance to Combined Organ and Bone Marrow Transplants After Fractionated Lymphoid Irradiation Involves Regulatory NK T Cells and Clonal Deletion. Journal of Immunology, 2002, 169, 5564-5570.	0.8	81
27	Unique patterns of surface receptors, cytokine secretion, and immune functions distinguish T cells in the bone marrow from those in the periphery: impact on allogeneic bone marrow transplantation. Blood, 2002, 99, 1449-1457.	1.4	81
28	Double Negative (CD4-CD8-alphabeta+) T Cells Which Promote Tolerance Induction and Regulate Autoimmunity. Immunological Reviews, 1996, 149, 217-230.	6.0	78
29	Subsets of Transgenic T Cells That Recognize CD1 Induce or Prevent Murine Lupus: Role of Cytokines. Journal of Experimental Medicine, 1998, 187, 525-536.	8.5	77
30	INITIATION OF ANTIBODY RESPONSES BY DIFFERENT CLASSES OF LYMPHOCYTES. Journal of Experimental Medicine, 1972, 136, 851-871.	8.5	76
31	The long term effects of radiation on T and B lymphocytes in the peripheral blood after regional irradiation. Cancer, 1977, 40, 2071-2078.	4.1	71
32	Activation of natural killer T cells in NZB/W mice induces Th1-type immune responses exacerbating lupus. Journal of Clinical Investigation, 2003, 112, 1211-1222.	8.2	71
33	MATURATION OF B LYMPHOCYTES IN THE RAT. Journal of Experimental Medicine, 1973, 138, 1331-1344.	8.5	64
34	Sustained improvement of intractable rheumatoid arthritis after total lymphoid irradiation. Arthritis and Rheumatism, 1983, 26, 937-946.	6.7	64
35	From stem cells to lymphocytes; biology and transplantation. Immunological Reviews, 1997, 157, 13-40.	6.0	64
36	NKT cells, Treg, and their interactions in bone marrow transplantation. European Journal of Immunology, 2010, 40, 1862-1869.	2.9	64

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37	FLASH Irradiation Results in Reduced Severe Skin Toxicity Compared to Conventional-Dose-Rate Irradiation. Radiation Research, 2020, 194, 618-624.	1.5	64
38	Immunobiology of a Spontaneous Murine B Cell Leukemia (BCL1). Immunological Reviews, 1979, 48, 169-195.	6.0	62
39	Natural killer T cells and innate immune B cells from lupusâ€prone NZB/W mice interact to generate IgM and IgG autoantibodies. European Journal of Immunology, 2008, 38, 156-165.	2.9	54
40	CD8+CD44hi but not CD4+CD44hi memory T cells mediate potent graft antilymphoma activity without GVHD. Blood, 2011, 117, 3230-3239.	1.4	53
41	BIOLOGICAL CHARACTERISTICS OF T AND B MEMORY LYMPHOCYTES IN THE RAT. Journal of Experimental Medicine, 1973, 137, 1275-1292.	8.5	48
42	Mixed chimerism and acceptance of kidney transplants after immunosuppressive drug withdrawal. Science Translational Medicine, 2020, 12, .	12.4	47
43	TREATMENT OF CADAVERIC RENAL TRANSPLANT RECIPIENTS WITH TOTAL LYMPHOID IRRADIATION, ANTITHYMOCYTE GLOBULIN, AND LOW-DOSE PREDNISONE. Lancet, The, 1985, 326, 1321-1325.	13.7	46
44	Approaches to transplantation tolerance in humans. Transplantation, 2004, 77, 932-936.	1.0	42
45	SURVIVAL OF PRIMATES FOLLOWING ORTHOTOPIC CARDIAC TRANSPLANTATION TREATED WITH TOTAL LYMPHOID IRRADIATION AND CHEMICAL IMMUNE SUPPRESSION. Transplantation, 1981, 32, 467-473.	1.0	40
46	CYCLOSPORINE FACILITATES CHIMERIC AND INHIBITS NONCHIMERIC TOLERANCE AFTER POSTTRANSPLANT TOTAL LYMPHOID IRRADIATION1. Transplantation, 2000, 69, 649-655.	1.0	38
47	COMPARISON OF CHIMERIC AND NON-CHIMERIC TOLERANCE USING POSTTRANSPLANT TOTAL LYMPHOID IRRADIATION. Transplantation, 1999, 68, 1036-1044.	1.0	36
48	Tolerance, mixed chimerism and protection against graft-versus-host disease after total lymphoid irradiation. Philosophical Transactions of the Royal Society B: Biological Sciences, 2001, 356, 739-748.	4.0	35
49	Use of hematopoietic cell transplants to achieve tolerance in patients with solid organ transplants. Blood, 2016, 127, 1539-1543.	1.4	32
50	Macrochimerism and clinical transplant tolerance. Human Immunology, 2018, 79, 266-271.	2.4	30
51	Translational studies in hematopoietic cell transplantation: Treatment of hematologic malignancies as a stepping stone to tolerance induction. Seminars in Immunology, 2011, 23, 273-281.	5.6	29
52	Tolerogenic interactions between CD8+ dendritic cells and NKT cells prevent rejection of bone marrow and organ grafts. Blood, 2017, 129, 1718-1728.	1.4	29
53	Summary of the Third International Workshop on Clinical Tolerance. American Journal of Transplantation, 2019, 19, 324-330.	4.7	29
54	Stepwise Development of Committed Progenitors in the Bone Marrow That Generate Functional T Cells in the Absence of the Thymus. Journal of Immunology, 2005, 175, 4363-4373.	0.8	28

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55	Differences in Bclâ€2 expression by Tâ€cell subsets alter their balance after in vivo irradiation to favor CD4⁺Bclâ€2^{hi} NKT cells. European Journal of Immunology, 2009, 39, 763-775.	2.9	28
56	Selective Resistance of CD44hi T Cells to p53-Dependent Cell Death Results in Persistence of Immunologic Memory after Total Body Irradiation. Journal of Immunology, 2011, 187, 4100-4108.	0.8	28
57	The Fourth International Workshop on Clinical Transplant Tolerance. American Journal of Transplantation, 2021, 21, 21-31.	4.7	28
58	Immune Function Cell Surface Characteristics and Maturation of B Cell Subpopulations. Immunological Reviews, 1975, 24, 84-112.	6.0	26
59	INDUCTION OF TOLERANCE TO HEART ALLOGRAFTS IN RATS USING POSTTRANSPLANT TOTAL LYMPHOID IRRADIATION AND ANTI-T CELL ANTIBODIES1. Transplantation, 1993, 56, 1443-1446.	1.0	26
60	Invariant natural killer T cells in lupus patients promote IgG and IgG autoantibody production. European Journal of Immunology, 2015, 45, 612-623.	2.9	26
61	Effect of total lymphoid irradiation on levels of serum autoantibodies in systemic lupus erythematosus and in rheumatoid arthritis. Arthritis and Rheumatism, 1986, 29, 26-31.	6.7	25
62	MECHANISMS OF TOLERANCE TO RAT HEART ALLOGRAFTS USING POSTTRANSPLANT TLI. Transplantation, 1996, 62, 510-517.	1.0	23
63	DONOR BLOOD MONOCYTES BUT NOT T OR B CELLS FACILITATE LONG-TERM ALLOGRAFT SURVIVAL AFTER TOTAL LYMPHOID IRRADIATION1. Transplantation, 1998, 66, 585-593.	1.0	23
64	Treatment of lupus nephritis with total lymphoid irradiation. observations during a 12â€“79-month followup. Arthritis and Rheumatism, 1988, 31, 850-858.	6.7	21
65	Allogeneic bone marrow cells that facilitate complete chimerism and eliminate tumor cells express both CD8 and T-cell antigen receptorâ€“Î±Î². Blood, 2001, 97, 3458-3465.	1.4	20
66	Ly108 expression distinguishes subsets of invariant NKT cells that help autoantibody production and secrete IL-21 from those that secrete IL-17 in lupus prone NZB/W mice. Journal of Autoimmunity, 2014, 50, 87-98.	6.5	20
67	Arthritis in a patient with mycosis fungoides: complete remission after radiotherapy. Arthritis and Rheumatism, 1979, 22, 424-425.	6.7	19
68	Early Defect Prethymic in Bone Marrow T Cell Progenitors in Athymic nu/nu Mice. Journal of Immunology, 2003, 171, 1207-1215.	0.8	16
69	Î²-galactosylceramide alters invariant natural killer T cell function and is effective treatment for lupus. Clinical Immunology, 2009, 132, 321-333.	3.2	16
70	Donor immunization with WT1 peptide augments antileukemic activity after MHC-matched bone marrow transplantation. Blood, 2011, 118, 5319-5329.	1.4	15
71	T lymphocyteâ€“synovial fibroblast interactions induced by mycobacterial proteins in rheumatoid arthritis. Arthritis and Rheumatism, 1991, 34, 679-686.	6.7	14
72	Natural killer 1.1+ T cells and â€³natural suppressorâ€•T cells in the bone marrow. Journal of Allergy and Clinical Immunology, 2000, 106, S113-S114.	2.9	14

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73	Protective conditioning against GVHD and graft rejection after combined organ and hematopoietic cell transplantation. Blood Cells, Molecules, and Diseases, 2008, 40, 48-54.	1.4	14
74	Simultaneous Protection Against Allograft Rejection and Graft-Versus-Host Disease After Total Lymphoid Irradiation: Role of Natural Killer T Cells. Transplantation, 2008, 85, 607-614.	1.0	14
75	Ineffective Vaccination against Solid Tumors Can Be Enhanced by Hematopoietic Cell Transplantation. Journal of Immunology, 2009, 183, 7196-7203.	0.8	14
76	Combined kidney and hematopoeitic cell transplantation to induce mixed chimerism and tolerance. Bone Marrow Transplantation, 2019, 54, 793-797.	2.4	13
77	High-parametric evaluation of human invariant natural killer T cells to delineate heterogeneity in allo- and autoimmunity. Blood, 2020, 135, 814-825.	1.4	13
78	NATURAL SUPPRESSOR CELLS DERIVED FROM ADULT SPLEEN AND THYMUS. Transplantation, 1989, 48, 107-110.	1.0	12
79	Effects of Growth Hormone and Estrogen on T Lymphocytes in Older Women. Journal of the American Geriatrics Society, 1996, 44, 1038-1042.	2.6	12
80	Nonmyeloablative TLI-ATG conditioning for allogeneic transplantation: mature follow-up from a large single-center cohort. Blood Advances, 2019, 3, 2454-2464.	5.2	12
81	Novel Radiation Therapy Paradigms and Immunomodulation: Heresies and Hope. Seminars in Radiation Oncology, 2020, 30, 194-200.	2.2	12
82	B cell infiltration of the thymic medulla in new zealand black, new zealand white, and (new zealand) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	6.7	10
83	PREOPERATIVE PREPARATION OF HIGH-RISK, SPECIFICALLY HYPERIMMUNIZED CANINE RENAL ALLOGRAFT RECIPIENTS WITH TOTAL-LYMPHOID IRRADIATION AND CYCLOSPORINE. Transplantation, 1987, 44, 185-194.	1.0	9
84	Accelerated, but not conventional, radiotherapy of murine B-cell lymphoma induces potent T cellâ€“mediated remissions. Blood Advances, 2018, 2, 2568-2580.	5.2	9
85	Granulocyte Colony-Stimulating Factor Reduces the Capacity of Blood Mononuclear Cells to Induce Graft-Versus-Host Disease: Impact on Blood Progenitor Cell Transplantation. Blood, 1997, 90, 453-463.	1.4	9
86	Rapid engraftment after allogeneic transplantation of density-enriched peripheral blood CD34+ cells in patients with advanced hematologic malignancies. Cancer, 2001, 91, 2205-2213.	4.1	8
87	Disruption of evasive immune cell microenvironment in tumors reflects immunity induced by radiation therapy. OncoImmunology, 2016, 5, e1072673.	4.6	8
88	HLA-mismatched unrelated donor transplantation using TLI-ATG conditioning has a low risk of GVHD and potent antitumor activity. Blood Advances, 2017, 1, 1347-1357.	5.2	8
89	Ly-1 b cells and disease activity in (new zealand black Ã— new zealand white)f1 mice. Arthritis and Rheumatism, 1990, 33, 553-562.	6.7	7
90	Identification of Two Subsets of Murine DC1 Dendritic Cells That Differ by Surface Phenotype, Gene Expression, and Function. Frontiers in Immunology, 2021, 12, 746469.	4.8	7

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91	Path to clinical transplantation tolerance and prevention of graft-versus-host disease. Immunologic Research, 2014, 58, 240-248.	2.9	6
92	Development of immunosuppressive myeloid cells to induce tolerance in solid organ and hematopoietic cell transplant recipients. Blood Advances, 2021, 5, 3290-3302.	5.2	6
93	Tomotherapy Applied Total Lymphoid Irradiation and Allogeneic Hematopoietic Cell Transplantation Generates Mixed Chimerism in the Rhesus Macaque Model. Radiation Research, 2021, 196, 623-632.	1.5	6
94	Establishment of Chimerism and Organ Transplant Tolerance in Laboratory Animals: Safety and Efficacy of Adaptation to Humans. Frontiers in Immunology, 2022, 13, 805177.	4.8	6
95	Recirculation of â€œBâ€•Lymphocytes in Immunized Rats. Nature: New Biology, 1972, 237, 247-249.	4.5	5
96	Treatment of rheumatoid arthritis with total lymphoid irradiation: Long-term survival. Arthritis and Rheumatism, 2001, 44, 1525-1528.	6.7	4
97	Rare cells predict GVHD. Blood, 2012, 119, 4820-4821.	1.4	4
98	Stable mixed chimerism and tolerance to human organ transplants. Chimerism, 2015, 6, 27-32.	0.7	3
99	The Importance of Bringing Transplantation Tolerance to the Clinic. Transplantation, 2021, 105, 935-940.	1.0	3
100	Clinical Outcomes Following Allogeneic Hematopoietic Cell Transplantation (HCT) Using Nonmyeloablative Host Conditioning with Total Lymphoid Irradiation and Anti-Thymocyte Globulin Confirm a Low Incidence of Graft Versus Host Disease (GVHD) and Retained Graft Anti-Tumor Activity.. Blood, 2006, 108, 603-603.	1.4	3
101	The long term effects of radiation on T and B lymphocytes in the peripheral blood after regional irradiation. , 1977, 40, 2071.		1
102	Allosensitized Memory CD4 T Cells Induce Chronic Graft Versus Host Disease.. Blood, 2006, 108, 449-449.	1.4	1
103	Donor-Derived CIK Cell Infusion As Consolidative Therapy after Non-Myeloablative Allogeneic Transplant in Patients with Myeloid Neoplasms. Blood, 2015, 126, 3232-3232.	1.4	1
104	Non-Myeloablative Conditioning of Total Lymphoid Irradiation (TLI) and Anti-Thymocyte Globulin (ATG) Protects Against Acute GVHD Following Allogeneic Hematopoietic Cell Transplantation (HCT) but Retains Anti-Tumor Activity.. Blood, 2004, 104, 433-433.	1.4	1
105	The Transcription Factor Pbx1 Is Required for the Development of Double Positive Thymic T Cells.. Blood, 2004, 104, 2771-2771.	1.4	1
106	Mechanisms by Which NK T Cells Become the Predominant T Cell Subset in Mice after Irradiation.. Blood, 2005, 106, 4295-4295.	1.4	0
107	Donor CD4+ T and B Cells in Transplants Induce Autoimmune-Like Chronic Graft Versus Host Disease.. Blood, 2005, 106, 1313-1313.	1.4	0
108	Tolerance to rat liver allograft after total lymphoid irradiation is mediated by CD4+CD25+ regulatory T cells. FASEB Journal, 2008, 22, 862.13.	0.5	0

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109	Role of Bone Marrow T Cells in Lupus and Graft versus Host Disease. Japanese Journal of Clinical Immunology, 1999, 22, 203-203.	0.0	0
110	A Proinflammatory Invariant Natural Killer T Cells Phenotypic State Associates with Human Graft-Versus-Host Disease Onset and Response. Blood, 2018, 132, 2111-2111.	1.4	0
111	Nonmyeloablative Allogeneic Transplantation Using TLI-ATG Conditioning for Lymphoid and Myeloid Malignancies: Mature Follow-up from a Large, Single Institution Cohort. Blood, 2018, 132, 4638-4638.	1.4	0