Elizabeth Simpson

List of Publications by Year
in descending order

148 papers	12,818 citations	36303 51 h-index	23533 111 g-index
151 all docs	151 docs citations	151 times ranked	7012 citing authors

#	Article	IF	Citations
1	Bone Marrow Transplantation 1957-2019. Frontiers in Immunology, 2019, 10, 1246.	4.8	21
2	Intranasal peptideâ€induced tolerance and linked suppression: consequences of complement deficiency. Immunology, 2015, 144, 149-157.	4.4	5
3	Medawar's legacy to cellular immunology and clinical transplantation: a commentary on Billingham, Brent and Medawar (1956) â€˜Quantitative studies on tissue transplantation immunity. III. Actively acquired toleranceâ€™. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20140382.	4.0	48
4	C3 opsonization regulates endocytic handling of apoptotic cells resulting in enhanced T-cell responses to cargo-derived antigens. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 1503-1508.	7.1	65
5	Isolation of Human CD4/CD8 Double-Positive, Graft-Versus-Host Diseaseâ€“Protective, Minor Histocompatibility Antigenâ€“Specific Regulatory T Cells and of a Novel HLA-DR7â€“Restricted HY-Specific CD4 Clone. Journal of Immunology, 2013, 190, 184-194.	0.8	28
6	Absence of Galectinâ€1 accelerates CD8+ T cellâ€mediated graft rejection. European Journal of Immunology, 2012, 42, 2881-2888.	2.9	14
7	Concurrent Allorecognition Has a Limited Impact on Posttransplant Vaccination. Journal of Immunology, 2011, 186, 1361-1368.	0.8	6
8	Mice lacking C1q or C3 show accelerated rejection of minor H disparate skin grafts and resistance to induction of tolerance. European Journal of Immunology, 2010, 40, 1758-1767.	2.9	32
9	The roles of antigenâ€specificity, responsiveness to transforming growth factorâ€Î² and antigenâ€presenting cell subsets in tumourâ€induced expansion of regulatory T cells. Immunology, 2010, 131, 556-569.	4.4	10
10	Concomitant Tumor and Minor Histocompatibility Antigenâ€“Specific Immunity Initiate Rejection and Maintain Remission from Established Spontaneous Solid Tumors. Cancer Research, 2010, 70, 3505-3514.	0.9	25
11	C1q enhances IFN-Î³ production by antigen-specific T cells via the CD40 costimulatory pathway on dendritic cells. Blood, 2009, 113, 3485-3493.	1.4	57
12	Special regulatory Tâ€cell review: regulation of immune responses â€“ examining the role of T cells. Immunology, 2008, 123, 13-16.	4.4	18
13	Public T Cell Receptor Î²-Chains Are Not Advantaged during Positive Selection. Journal of Immunology, 2008, 180, 1029-1039.	0.8	32
14	In Vitro Expansion Improves In Vivo Regulation by CD4+CD25+ Regulatory T Cells. Journal of Immunology, 2008, 180, 858-869.	0.8	64
15	Pancreatic Islets Induce CD4+CD25â^'Foxp3+ T-Cell Regulated Tolerance to HY-Mismatched Skin Grafts. Transplantation, 2008, 86, 1352-1360.	1.0	12
16	Natural Regulation of Immunity to Minor Histocompatibility Antigens. Journal of Immunology, 2007, 178, 3558-3565.	0.8	24
17	A historical perspective on immunological privilege. Immunological Reviews, 2006, 213, 12-22.	6.0	84
18	Transplant tolerance: models, concepts and facts. Journal of Molecular Medicine, 2006, 84, 295-304.	3.9	13

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19	TCR-Î± CDR3 Loop Audition Regulates Positive Selection. Journal of Immunology, 2006, 177, 2477-2485.	0.8	10
20	Role of Immunoproteasomes in Cross-Presentation. Journal of Immunology, 2006, 177, 983-990.	0.8	74
21	Engraftment of Allogeneic Hematopoietic Stem Cells Requires Both Inhibition of Host-Versus-Graft Responses and â€˜Space' for Homeostatic Expansion. Transplantation, 2005, 79, 1484-1491.	1.0	16
22	Regulatory T Cells, Derived from NaÃ¯ve CD4+CD25â^' T Cells by In Vitro Foxp3 Gene Transfer, Can Induce Transplantation Tolerance. Transplantation, 2005, 79, 1310-1316.	1.0	125
23	Identification of the Immunodominant HY H2-DkEpitope and Evaluation of the Role of Direct and Indirect Antigen Presentation in HY Responses. Journal of Immunology, 2005, 175, 7209-7217.	0.8	25
24	Mixed-haplotype MHC class II molecules select functional CD4+ T cells. Molecular Immunology, 2005, 42, 1129-1139.	2.2	3
25	Thymocyte-Thymocyte Interaction for Efficient Positive Selection and Maturation of CD4 T Cells. Immunity, 2005, 23, 387-396.	14.3	100
26	Induction of Unresponsiveness Limits Tumor Protection by Adoptively Transferred MDM2-Specific Cytotoxic T Lymphocytes. Cancer Research, 2004, 64, 8052-8056.	0.9	28
27	DNA Fusion Vaccines Induce Targeted Epitope-Specific CTLs against Minor Histocompatibility Antigens from a Normal or Tolerized Repertoire. Journal of Immunology, 2004, 173, 4492-4499.	0.8	28
28	Reminiscences of Sir Peter Medawar: In Hope of Antigen-Specific Transplantation Tolerance. American Journal of Transplantation, 2004, 4, 1937-1940.	4.7	7
29	Cognate recognition of the endothelium induces HY-specific CD8+ T-lymphocyte transendothelial migration (diapedesis) in vivo. Blood, 2004, 103, 3111-3116.	1.4	80
30	Transplantation tolerance induced by intranasal administration of HY peptides. Blood, 2004, 103, 3951-3959.	1.4	58
31	Fc-dependent depletion of activated T cells occurs through CD40L-specific antibody rather than costimulation blockade. Nature Medicine, 2003, 9, 1275-1280.	30.7	134
32	Dendritic cells from CML patients have altered actin organization, reduced antigen processing, and impaired migration. Blood, 2003, 101, 3560-3567.	1.4	93
33	Bone marrow mesenchymal stem cells inhibit the response of naive and memory antigen-specific T cells to their cognate peptide. Blood, 2003, 101, 3722-3729.	1.4	1,483
34	Multiparity induces priming to male-specific minor histocompatibility antigen, HY, in mice and humans. Blood, 2003, 102, 388-393.	1.4	115
35	Anergic T cells exert antigen-independent inhibition of cell-cell interactions via chemokine metabolism. Blood, 2003, 102, 2173-2179.	1.4	36
36	HY peptides modulate transplantation responses to skin allografts. International Immunology, 2002, 14, 1333-1342.	4.0	32

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37	CD4+CD25+ T cells as immunoregulatory T cells in vitro. European Journal of Immunology, 2002, 32, 2365.	2.9	51
38	Impairment of immunological memory in the absence of MHC despite survival of memory T cells. Nature Immunology, 2002, 3, 244-250.	14.5	154
39	Genetic Analysis of a New Mouse Model for Non-Insulin-Dependent Diabetes. Genomics, 2001, 74, 273-286.	2.9	138
40	RAPID REJECTION OF HLA-A2 TRANSGENIC SKIN GRAFT DUE TO INDIRECT ALLORECOGNITION1. Transplantation, 2001, 72, 994-997.	1.0	10
41	Examination of HY Response: T Cell Expansion, Immunodominance, and Cross-Priming Revealed by HY Tetramer Analysis. Journal of Immunology, 2001, 167, 3756-3764.	0.8	63
42	Minor antigen solves major problem. Nature Medicine, 2001, 7, 769-770.	30.7	5
43	Identification of intervals on chromosomes 1, 3, and 13 linked to the development of lupus in BXSB mice. Arthritis and Rheumatism, 2000, 43, 349.	6.7	74
44	Absence of in vitro or in vivo bystander effects in a thymidine kinase-transduced murine T lymphoma. Cancer Gene Therapy, 2000, 7, 954-962.	4.6	13
45	The Human UTY Gene Encodes a Novel HLA-B8-Restricted H-Y Antigen. Journal of Immunology, 2000, 164, 2807-2814.	0.8	161
46	Anergic T Cells Inhibit the Antigen-Presenting Function of Dendritic Cells. Journal of Immunology, 2000, 165, 1175-1181.	0.8	154
47	Dendritic Cells Permit Identification of Genes Encoding MHC Class Iâ€“Restricted Epitopes of Transplantation Antigens. Immunity, 2000, 12, 711-720.	14.3	120
48	Much ado about minor histocompatibility antigens. Trends in Immunology, 1998, 19, 108-112.	7.5	59
49	H-Y, The Male-Specific Transplantation Antigen. , 1998, , 1158-1161.		0
50	Minor Transplantation (Histocompatibility) Antigens. , 1998, , 1729-1732.		0
51	MINOR TRANSPLANTATION ANTIGENS. Transplantation, 1998, 65, 611-616.	1.0	24
52	THE MALE-SPECIFIC HISTOCOMPATIBILITY ANTIGEN, H-Y:A History of Transplantation, Immune Response Genes, Sex Determination and Expression Cloning. Annual Review of Immunology, 1997, 15, 39-61.	21.8	146
53	Minor histocompatibility antigens. Current Opinion in Immunology, 1997, 9, 655-661.	5.5	70
54	Qa-1 interaction and T cell recognition of the Qa-1 determinant modifier peptide. European Journal of Immunology, 1997, 27, 2123-2132.	2.9	55

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55	Immunology: Why the baby isn't thrown out. Current Biology, 1996, 6, 43-44.	3.9	6
56	An Hâ€“YDb epitope is encoded by a novel mouse Y chromosome gene. Nature Genetics, 1996, 14, 474-478.	21.4	176
57	ACCEPTANCE OF SKIN GRAFTS BETWEEN MICE BEARING DIFFERENT ALLELIC FORMS OF??2-MICROGLOBULIN. Transplantation, 1996, 61, 299-304.	1.0	6
58	T cells with dual antigen specificity in T cell receptor transgenic mice rejecting allografts. European Journal of Immunology, 1995, 25, 2813-2817.	2.9	17
59	Tolerance in TCR/Cognate Antigen Double-Transgenic Mice Mediated by Incomplete Thymic Deletion and Peripheral Receptor Downregulation. Autoimmunity, 1995, 4, 299-315.	0.6	26
60	ANGIOGENESIS AND VASCULARIZATION OF MURINE PANCREATIC ISLET ISOGRAFTS. Transplantation, 1995, 60, 123-126.	1.0	91
61	Deletion Mapping by Immunoselection against the H-Y Histocompatibility Antigen Further Resolves the Sxra Region of the Mouse Y Chromosome and Reveals Complexity of the Hya Locus. Genomics, 1994, 24, 159-168.	2.9	65
62	The effect of bone marrow and thymus chimerism between non-obese diabetic (NOD) and NOD-E transgenic mice, on the expression and prevention of diabetes. European Journal of Immunology, 1993, 23, 2667-2675.	2.9	42
63	T-Cell Receptor Repertoire Selection by Mouse Mammary Tumor Viruses and MHC Molecules. Immunological Reviews, 1993, 131, 93-115.	6.0	44
64	Deletion of Y chromosome sequences located outside the testis determining region can cause XY female sex reversal. Nature Genetics, 1993, 5, 301-307.	21.4	103
65	Loss of the â€˜azoospermia factorâ€™ (AZF) on Yq in man is not associated with loss of HYA. Human Molecular Genetics, 1993, 2, 469-471.	2.9	12
66	T cell deletion follows chronic antigen specific T cell activation in vivo. International Immunology, 1993, 5, 1285-1292.	4.0	64
67	Positive and Negative Selection in Transgenic Mice Expressing a T-Cell Receptor Specific for Influenza Nucleoprotein and Endogenous Superantigen. Autoimmunity, 1993, 3, 159-174.	0.6	163
68	A molecular deletion map of the Y chromosome long arm defining X and autosomal homologous regions and the localisation of the HYA locus to the proximal region of the Yq euchromatin. Human Molecular Genetics, 1992, 1, 379-385.	2.9	27
69	Recombination between the X and Y chromosomes and the Sxr region of the mouse. Genetical Research, 1992, 60, 175-184.	0.9	11
70	Deletion mapping of H-Y antigen to the long arm of the human Y chromosome. Genomics, 1992, 13, 1255-1260.	2.9	21
71	PCR-analyzed microsatellites of the mouse genome?additional polymorphisms among ten inbred mouse strains. Mammalian Genome, 1992, 3, 192-196.	2.2	7
72	Mechanisms of transplantation immunity. Seminars in Immunopathology, 1992, 14, 17-32.	4.0	1

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73	Expression of major histocompatibility complex class I antigens at low levels in the thymus induces T cell tolerance via a non-deletional mechanism. European Journal of Immunology, 1992, 22, 2655-2661.	2.9	34
74	The development of insulin-dependent diabetes mellitus in non-obese diabetic mice: the role of CD4+ and CD8+ T cells. Biochemical Society Transactions, 1991, 19, 187-191.	3.4	14
75	Minor histocompatibility antigens. Immunology Letters, 1991, 29, 9-14.	2.5	11
76	Phenotypic and Functional Studies of Human Peripheral Blood Lymphocytes Engrafted in scid Mice. Immunological Reviews, 1991, 124, 97-111.	6.0	59
77	Characterization of pancreatic islet cell infiltrates in NOD mice: effect of cell transfer and transgene expression. European Journal of Immunology, 1991, 21, 1171-1180.	2.9	126
78	Variable spread of X inactivation affecting the expression of different epitopes of the Hya gene product in mouse B-cell clones. Immunogenetics, 1991, 33, 54-61.	2.4	23
79	Expression and function of Qa-2 major histocompatibility complex class I molecules in transgenic mice. International Immunology, 1991, 3, 493-502.	4.0	15
80	Prevention of insulin-dependent diabetes mellitus in non-obese diabetic mice by transgenes encoding modified I-A Î²-chain or normal I-E Î±-chain. Nature, 1990, 345, 727-729.	27.8	341
81	Transfer of diabetes in mice prevented by blockade of adhesion-promoting receptor on macrophages. Nature, 1990, 348, 639-642.	27.8	233
82	The involvement of Ly 2+ T cells in beta cell destruction. Journal of Autoimmunity, 1990, 3, 101-109.	6.5	46
83	Minor transplantation antigens: their role in shaping the T cell repertoire. Immunology Letters, 1989, 21, 39-44.	2.5	8
84	A glycophospholipid anchor is required for Qa-2-mediated T cell activation. Nature, 1989, 342, 85-87.	27.8	178
85	Suppression of the immune response by cytotoxic T cells. Nature, 1988, 336, 426-426.	27.8	18
86	Separation of the Genetic Loci for the H-Y Antigen and for Testis Determination on Human Y Chromosome. Obstetrical and Gynecological Survey, 1988, 43, 52-54.	0.4	0
87	Immunologic comments. Human Genetics, 1987, 76, 217.	3.8	0
88	Non-H-2 histocompatibility antigens: can they be retroviral products?. Trends in Immunology, 1987, 8, 176-178.	7.5	10
89	Separation of the genetic loci for the Hâ€“Y antigen and for testis determination on human Y chromosome. Nature, 1987, 326, 876-878.	27.8	130
90	T and B lymphocytes: Two repertoires or one?. Immunology Letters, 1986, 12, 185-191.	2.5	15

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91	The non-MHC transplantation antigens: neither weak nor minor. Trends in Immunology, 1986, 7, 223-229.	7.5	76
92	How many class II immune response genes? A reappraisal of the evidence. Immunogenetics, 1986, 23, 302-308.	2.4	13
93	T-cell and antibody typing of a mouse population segregating for Sxr and H-2 haplotype. Cellular Immunology, 1986, 98, 46-56.	3.0	1
94	Mapping H-1 with the distal break point of chromosome 7 in Cattanach's insertion. Immunogenetics, 1985, 22, 503-510.	2.4	2
95	Male sexual differentiation in mice lacking Hâ€“Y antigen. Nature, 1984, 312, 552-555.	27.8	216
96	EXPRESSION OF H-Y ANTIGEN BY FEMALE MICE CARRYING Sxr. Transplantation, 1984, 37, 17-21.	1.0	37
97	THE CELLULAR BASIS OF THE IMMUNE RESPONSE. , 1984, , 1-11.		1
98	Immunology: Antigens associated with H-2, embryos and tumours. Nature, 1983, 306, 738-739.	27.8	3
99	GENETIC CONTROL AND EFFECTOR CELLS IN HOST-VERSUS-GRAFT RESPONSES TO H-Y ANTIGEN IN MICE. Transplantation, 1983, 36, 546-551.	1.0	8
100	Induction and Effector Function of T Cells. , 1983, , 121-128.		3
101	Interactive Control of Cytotoxic T Cell Responses to H-Y by H-2 and Non H-2 Ir Genes. , 1983, , 389-393.		1
102	H-Y Typing of Karyotypically Abnormal Mice. , 1983, 23 Suppl, 116-120.		1
103	The role of H-Y as a minor transplantation antigen. Trends in Immunology, 1982, 3, 97-106.	7.5	87
104	H-2-associated differences in replicated strains of mice divergently selected for body weight. Immunogenetics, 1982, 15, 63-70.	2.4	48
105	Non-H-2 and H-2-Linked immune response genes control the cytotoxic T-cell response to H-Y. Immunogenetics, 1982, 15, 261-270.	2.4	56
106	T cell function: Ly phenotype and the MHC. Nature, 1982, 295, 366-367.	27.8	5
107	Sex reversal and sex determination. Nature, 1982, 300, 404-406.	27.8	14
108	A model of T-cell unresponsiveness using the male-specific antigen, H-Y. Cellular Immunology, 1981, 62, 251-257.	3.0	14

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109	Molecular characterization of the Ly-6.2 antigen. Cellular Immunology, 1981, 64, 187-191.	3.0	6
110	Generation of effector cells from T cell subsets III. Synergy between Lyt-1 and Lyt-123/23 lymphocytes in the generation of H-2-restricted and alloreactive cytotoxid T cells. European Journal of Immunology, 1981, 11, 246-250.	2.9	27
111	Functional and binding activity of monoclonal anti-Thy-1 antibodies: evidence for different expression of the two alleles. European Journal of Immunology, 1981, 11, 275-281.	2.9	11
112	H-Y Antigen in Sxr mice detected by H-2-restricted cytotoxic T cells. Immunogenetics, 1981, 13, 355-358.	2.4	36
113	Analysis of haplotype preference in the cytotoxic T-cell response to H-Y. Immunogenetics, 1981, 13, 133-146.	2.4	14
114	Immune reactivity of progeny of tetraparental male mice. Nature, 1981, 290, 513-514.	27.8	12
115	Mechanisms of cell mediated lysis. Nature, 1981, 293, 702-703.	27.8	4
116	ALLOGENEIC TOLERANCE IN EMBRYO AGGREGATION MOUSE CHIMERAS STUDIED BY MIXED LYMPHOCYTE CULTURE AND CELL-MEDIATED LYMPHOLYSIS. Transplantation, 1980, 30, 34-39.	1.0	9
117	Expression of Ly-6 alloantigen during differentiation of cytotoxic T cells. European Journal of Immunology, 1979, 9, 345-352.	2.9	9
118	In vitro evidence from anti-hapten antibody responses for T helper and suppressor cells directed against major histocompatibility antigens in the mouse. Participation of I region determinants in the induction of T helper cells. European Journal of Immunology, 1979, 9, 561-569.	2.9	7
119	MHC matching shows that at least two T-cell subsets determine resistance to HSV. Nature, 1979, 277, 67-68.	27.8	87
120	An H-2-restricted CML target antigen controlled by a gene linked to theH-2 complex. Immunogenetics, 1979, 9, 255-260.	2.4	3
121	Use and functional properties of peripheral blood lymphocytes in mice. Journal of Immunological Methods, 1979, 31, 341-350.	1.4	14
122	PHYSIOLOGICAL FUNCTION OF MAJOR HISTOCOMPATIBILITY COMPLEX MACROMOLECULES. Transplantation, 1979, 27, 295-297.	1.0	14
123	DICHOTOMY OF MHC CONTROL OVER ANTI H-Y CYTOTOXIC T CELL RESPONSES. , 1979, , 551-561.		1
124	T and B cell hybridomas. Nature, 1978, 272, 751-752.	27.8	0
125	Regulating the immune system. Nature, 1978, 273, 99-100.	27.8	1
126	T-cell lines producing antigen-specific suppressor factor. Nature, 1978, 274, 477-480.	27.8	135

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127	Serological properties of anti-Ly-6.2 serum produced by a new immunization schedule. Immunogenetics, 1978, 7, 173-178.	2.4	21
128	Anti-H-Y responses of H-2b mutant mice. European Journal of Immunology, 1978, 8, 685-687.	2.9	8
129	Hybrid cell lines with T-cell characteristics. Nature, 1977, 267, 707-708.	27.8	140
130	Responsiveness to HY Antigen Ir Gene Complementation and Target Cell Specificity. Immunological Reviews, 1977, 35, 59-75.	6.0	216
131	Cytotoxic T-cell responses to H-Y:Ir genes and associative antigens map inH-2. Immunogenetics, 1977, 5, 453-459.	2.4	23
132	IMMUNOLOGICAL REACTIVITY OF B MICE RECONSTITUTED WITH VARIOUS NUMBERS OF SYNGENEIC BONE MARROW CELLS. Transplantation, 1976, 21, 23-26.	1.0	2
133	The differentiation of cytotoxic T lymphocytes in vitro. Cell and Tissue Research, 1976, 166, 475-88.	2.9	7
134	Regulation of the immune response by subclasses of T lymphocytes. I. Interactions between pre-killer T cells and regulatory T cells obtained from peripheral lymphoid tissues of mice. European Journal of Immunology, 1975, 5, 330-336.	2.9	108
135	Regulation of the immune response by subclasses of T lymphocytes. II. The effect of adult thymectomy upon humoral and cellular responses in mice. European Journal of Immunology, 1975, 5, 337-343.	2.9	85
136	Micromethods for induction and assay of mouse mixed lymphocyte reactions and cytotoxicity. European Journal of Immunology, 1975, 5, 451-455.	2.9	89
137	Stimulation of mixed lymphocyte cultures and cytotoxic responses: evidence that T cells express SD but not LD antigens, whereas B cells express both. European Journal of Immunology, 1975, 5, 456-461.	2.9	32
138	T-cell populations with different functions. Nature, 1975, 253, 544-546.	27.8	55
139	Thymus-dependent lymphocytes. Nature, 1975, 258, 106-107.	27.8	10
140	Characterization of subpopulations of T lymphocytes. Cellular Immunology, 1975, 15, 180-196.	3.0	110
141	LIFE SPAN OF CYTOTOXIC ACTIVITY AND MEMORY ACTIVITY FOLLOWING ALLOGENEIC SKIN GRAFTING IN THE MOUSE. Transplantation, 1974, 18, 374-376.	1.0	9
142	A rapid method for the isolation of functional thymusâ€derived murine lymphocytes. European Journal of Immunology, 1973, 3, 645-649.	2.9	4,373
143	Cytotoxic Activity in vitro of Thymus-derived Lymphocytes Sensitized to Xenograft Antigens. Nature: New Biology, 1972, 237, 17-18.	4.5	5
144	Cell-mediated responses to tumour xenografts in mice. International Journal of Cancer, 1972, 9, 299-304.	5.1	15

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145	TUMOUR GROWTH IN NEMATODE-INFECTED ANIMALS. Lancet, The, 1971, 297, 678-680.	13.7	50
146	Humoral responses to tumour xenografts in ALS-treated mice. International Journal of Cancer, 1970, 6, 415-421.	5.1	18
147	Seal Hunting in the Gulf of St Lawrence. Nature, 1967, 214, 1274-1274.	27.8	2
148	More Humane Way with Seals. Nature, 1967, 216, 1237-1238.	27.8	2