Elizabeth Simpson

List of Publications by Year in descending order

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	36303	23533
12,818	51	111
citations	h-index	g-index
151	151	7012
docs citations	times ranked	citing authors
	12,818 citations 151 docs citations	12,81851citationsh-index151151docs citations151times ranked

#	Article	IF	CITATIONS
1	A rapid method for the isolation of functional thymusâ€derived murine lymphocytes. European Journal of Immunology, 1973, 3, 645-649.	2.9	4,373
2	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
3	Prevention of insulin-dependent diabetes mellitus in non-obese diabetic mice by transgenes encoding modified I-A β-chain or normal I-E α-chain. Nature, 1990, 345, 727-729.	27.8	341
4	Transfer of diabetes in mice prevented by blockade of adhesion-promoting receptor on macrophages. Nature, 1990, 348, 639-642.	27.8	233
5	Responsiveness to HY Antigen Ir Gene Complementation and Target Cell Specificity. Immunological Reviews, 1977, 35, 59-75.	6.0	216
6	Male sexual differentiation in mice lacking H–Y antigen. Nature, 1984, 312, 552-555.	27.8	216
7	A glycophospholipid anchor is required for Qa-2-mediated T cell activation. Nature, 1989, 342, 85-87.	27.8	178
8	An H–YDb epitope is encoded by a novel mouse Y chromosome gene. Nature Genetics, 1996, 14, 474-478.	21.4	176
9	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
10	The Human UTY Gene Encodes a Novel HLA-B8-Restricted H-Y Antigen. Journal of Immunology, 2000, 164, 2807-2814.	0.8	161
11	Anergic T Cells Inhibit the Antigen-Presenting Function of Dendritic Cells. Journal of Immunology, 2000, 165, 1175-1181.	0.8	154
12	Impairment of immunological memory in the absence of MHC despite survival of memory T cells. Nature Immunology, 2002, 3, 244-250.	14.5	154
13	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
14	Hybrid cell lines with T-cell characteristics. Nature, 1977, 267, 707-708.	27.8	140
15	Genetic Analysis of a New Mouse Model for Non-Insulin-Dependent Diabetes. Genomics, 2001, 74, 273-286.	2.9	138
16	T-cell lines producing antigen-specific suppressor factor. Nature, 1978, 274, 477-480.	27.8	135
17	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
18	Separation of the genetic loci for the H–Y antigen and for testis determination on human Y chromosome. Nature, 1987, 326, 876-878.	27.8	130

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19	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
20	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
21	Dendritic Cells Permit Identification of Genes Encoding MHC Class II–Restricted Epitopes of Transplantation Antigens. Immunity, 2000, 12, 711-720.	14.3	120
22	Multiparity induces priming to male-specific minor histocompatibility antigen, HY, in mice and humans. Blood, 2003, 102, 388-393.	1.4	115
23	Characterization of subpopulations of T lymphocytes. Cellular Immunology, 1975, 15, 180-196.	3.0	110
24	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
25	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
26	Thymocyte-Thymocyte Interaction for Efficient Positive Selection and Maturation of CD4 T Cells. Immunity, 2005, 23, 387-396.	14.3	100
27	Dendritic cells from CML patients have altered actin organization, reduced antigen processing, and impaired migration. Blood, 2003, 101, 3560-3567.	1.4	93
28	ANGIOGENESIS AND VASCULARIZATION OF MURINE PANCREATIC ISLET ISOGRAFTS. Transplantation, 1995, 60, 123-126.	1.0	91
29	Micromethods for induction and assay of mouse mixed lymphocyte reactions and cytotoxicity. European Journal of Immunology, 1975, 5, 451-455.	2.9	89
30	MHC matching shows that at least two T-cell subsets determine resistance to HSV. Nature, 1979, 277, 67-68.	27.8	87
31	The role of H-Y as a minor transplantation antigen. Trends in Immunology, 1982, 3, 97-106.	7.5	87
32	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
33	A historical perspective on immunological privilege. Immunological Reviews, 2006, 213, 12-22.	6.0	84
34	Cognate recognition of the endothelium induces HY-specific CD8+ T-lymphocyte transendothelial migration (diapedesis) in vivo. Blood, 2004, 103, 3111-3116.	1.4	80
35	The non-MHC transplantation antigens: neither weak nor minor. Trends in Immunology, 1986, 7, 223-229.	7.5	76
36	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

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37	Role of Immunoproteasomes in Cross-Presentation. Journal of Immunology, 2006, 177, 983-990.	0.8	74
38	Minor histocompatibility antigens. Current Opinion in Immunology, 1997, 9, 655-661.	5.5	70
39	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
40	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
41	T cell deletion follows chronic antigen specific T cell activation in vivo. International Immunology, 1993, 5, 1285-1292.	4.0	64
42	In Vitro Expansion Improves In Vivo Regulation by CD4+CD25+ Regulatory T Cells. Journal of Immunology, 2008, 180, 858-869.	0.8	64
43	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
44	Phenotypic and Functional Studies of Human Peripheral Blood Lymphocytes Engrafted in scid Mice. Immunological Reviews, 1991, 124, 97-111.	6.0	59
45	Much ado about minor histocompatibility antigens. Trends in Immunology, 1998, 19, 108-112.	7.5	59
46	Transplantation tolerance induced by intranasal administration of HY peptides. Blood, 2004, 103, 3951-3959.	1.4	58
47	C1q enhances IFN- \hat{I}^3 production by antigen-specific T cells via the CD40 costimulatory pathway on dendritic cells. Blood, 2009, 113, 3485-3493.	1.4	57
48	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
49	T-cell populations with different functions. Nature, 1975, 253, 544-546.	27.8	55
50	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
51	CD4+CD25+ T cells as immunoregulatory T cells in vitro. European Journal of Immunology, 2002, 32, 2365.	2.9	51
52	TUMOUR GROWTH IN NEMATODE-INFECTED ANIMALS. Lancet, The, 1971, 297, 678-680.	13.7	50
53	H-2-associated differences in replicated strains of mice divergently selected for body weight. Immunogenetics, 1982, 15, 63-70.	2.4	48
54	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 tolerance'. Philosophical Transactions of the Royal Society B: Biological Sciences, 2015, 370, 20140382.	4.0	48

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55	The involvement of Ly 2+ T cells in beta cell destruction. Journal of Autoimmunity, 1990, 3, 101-109.	6.5	46
56	T-Cell Receptor Repertoire Selection by Mouse Mammary Tumor Viruses and MHC Molecules. Immunological Reviews, 1993, 131, 93-115.	6.0	44
57	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
58	EXPRESSION OF H-Y ANTIGEN BY FEMALE MICE CARRYING Sxr. Transplantation, 1984, 37, 17-21.	1.0	37
59	H-Y Antigen in Sxr mice detected by H-2-restricted cytotoxic T cells. Immunogenetics, 1981, 13, 355-358.	2.4	36
60	Anergic T cells exert antigen-independent inhibition of cell-cell interactions via chemokine metabolism. Blood, 2003, 102, 2173-2179.	1.4	36
61	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
62	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
63	HY peptides modulate transplantation responses to skin allografts. International Immunology, 2002, 14, 1333-1342.	4.0	32
64	Public T Cell Receptor β-Chains Are Not Advantaged during Positive Selection. Journal of Immunology, 2008, 180, 1029-1039.	0.8	32
65	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
66	Induction of Unresponsiveness Limits Tumor Protection by Adoptively Transferred MDM2-Specific Cytotoxic T Lymphocytes. Cancer Research, 2004, 64, 8052-8056.	0.9	28
67	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
68	Isolation of Human CD4/CD8 Double-Positive, Graft-Versus-Host Disease–Protective, Minor Histocompatibility Antigen–Specific Regulatory T Cells and of a Novel HLA-DR7–Restricted HY-Specific CD4 Clone. Journal of Immunology, 2013, 190, 184-194.	0.8	28
69	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
70	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
71	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
72	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

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73	Concomitant Tumor and Minor Histocompatibility Antigen–Specific Immunity Initiate Rejection and Maintain Remission from Established Spontaneous Solid Tumors. Cancer Research, 2010, 70, 3505-3514.	0.9	25
74	Natural Regulation of Immunity to Minor Histocompatibility Antigens. Journal of Immunology, 2007, 178, 3558-3565.	0.8	24
75	MINOR TRANSPLANTATION ANTIGENS. Transplantation, 1998, 65, 611-616.	1.0	24
76	Cytotoxic T-cell responses to H-Y:Ir genes and associative antigens map inH-2. Immunogenetics, 1977, 5, 453-459.	2.4	23
77	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
78	Serological properties of anti-Ly-6.2 serum produced by a new immunization schedule. Immunogenetics, 1978, 7, 173-178.	2.4	21
79	Deletion mapping of H-Y antigen to the long arm of the human Y chromosome. Genomics, 1992, 13, 1255-1260.	2.9	21
80	Bone Marrow Transplantation 1957-2019. Frontiers in Immunology, 2019, 10, 1246.	4.8	21
81	Humoral responses to tumour xenografts in ALS-treated mice. International Journal of Cancer, 1970, 6, 415-421.	5.1	18
82	Suppression of the immune response by cytotoxic T cells. Nature, 1988, 336, 426-426.	27.8	18
83	Special regulatory Tâ€cell review: regulation of immune responses – examining the role of T cells. Immunology, 2008, 123, 13-16.	4.4	18
84	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
85	Engraftment of Allogeneic Hematopoietic Stem Cells Requires Both Inhibition of Host-Versus-Graft Responses and †Space' for Homeostatic Expansion. Transplantation, 2005, 79, 1484-1491.	1.0	16
86	Cell-mediated responses to tumour xenografts in mice. International Journal of Cancer, 1972, 9, 299-304.	5.1	15
87	T and B lymphocytes: Two repertoires or one?. Immunology Letters, 1986, 12, 185-191.	2.5	15
88	Expression and function of Qa-2 major histocompatibility complex class I molecules in transgenic mice. International Immunology, 1991, 3, 493-502.	4.0	15
89	Use and functional properties of peripheral blood lymphocytes in mice. Journal of Immunological Methods, 1979, 31, 341-350.	1.4	14
90	PHYSIOLOGICAL FUNCTION OF MAJOR HISTOCOMPATIBILITY COMPLEX MACROMOLECULES. Transplantation, 1979, 27, 295-297.	1.0	14

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91	A model of T-cell unresponsiveness using the male-specific antigen, H-Y. Cellular Immunology, 1981, 62, 251-257.	3.0	14
92	Analysis of haplotype preference in the cytotoxic T-cell response to H-Y. Immunogenetics, 1981, 13, 133-146.	2.4	14
93	Sex reversal and sex determination. Nature, 1982, 300, 404-406.	27.8	14
94	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
95	Absence of Galectinâ€1 accelerates CD8+ T cellâ€mediated graft rejection. European Journal of Immunology, 2012, 42, 2881-2888.	2.9	14
96	How many class II immune response genes? A reappraisal of the evidence. Immunogenetics, 1986, 23, 302-308.	2.4	13
97	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
98	Transplant tolerance: models, concepts and facts. Journal of Molecular Medicine, 2006, 84, 295-304.	3.9	13
99	Immune reactivity of progeny of tetraparental male mice. Nature, 1981, 290, 513-514.	27.8	12
100	Loss of the â€~azoospermia factor' (AZF) on Yq in man is not associated with loss of HYA. Human Molecular Genetics, 1993, 2, 469-471.	2.9	12
101	Pancreatic Islets Induce CD4+CD25â^Foxp3+ T-Cell Regulated Tolerance to HY-Mismatched Skin Grafts. Transplantation, 2008, 86, 1352-1360.	1.0	12
102	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
103	Minor histocompatibility antigens. Immunology Letters, 1991, 29, 9-14.	2.5	11
104	Recombination between the X and Y chromosomes and the Sxr region of the mouse. Genetical Research, 1992, 60, 175-184.	0.9	11
105	Thymus-dependent lymphocytes. Nature, 1975, 258, 106-107.	27.8	10
106	Non-H-2 histocompatibility antigens: can they be retroviral products?. Trends in Immunology, 1987, 8, 176-178.	7.5	10
107	RAPID REJECTION OF HLA-A2 TRANSGENIC SKIN GRAFT DUE TO INDIRECT ALLORECOGNITION1. Transplantation, 2001, 72, 994-997.	1.0	10
108	TCR-α CDR3 Loop Audition Regulates Positive Selection. Journal of Immunology, 2006, 177, 2477-2485.	0.8	10

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109	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
110	LIFE SPAN OF CYTOTOXIC ACTIVITY AND MEMORY ACTIVITY FOLLOWING ALLOGENEIC SKIN GRAFTING IN THE MOUSE. Transplantation, 1974, 18, 374-376.	1.0	9
111	Expression of Ly-6 alloantigen during differentiation of cytotoxic T cells. European Journal of Immunology, 1979, 9, 345-352.	2.9	9
112	ALLOGENEIC TOLERANCE IN EMBRYO AGGREGATION MOUSE CHIMERAS STUDIED BY MIXED LYMPHOCYTE CULTURE AND CELL-MEDIATED LYMPHOLYSIS. Transplantation, 1980, 30, 34-39.	1.0	9
113	Anti-H-Y responses of H-2b mutant mice. European Journal of Immunology, 1978, 8, 685-687.	2.9	8
114	GENETIC CONTROL AND EFFECTOR CELLS IN HOST-VERSUS-GRAFT RESPONSES TO H-Y ANTIGEN IN MICE. Transplantation, 1983, 36, 546-551.	1.0	8
115	Minor transplantation antigens: their role in shaping the T cell repertoire. Immunology Letters, 1989, 21, 39-44.	2.5	8
116	The differentiation of cytotoxic T lymphocytes in vitro. Cell and Tissue Research, 1976, 166, 475-88.	2.9	7
117	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
118	PCR-analyzed microsatellites of the mouse genome?additional polymorphisms among ten inbred mouse strains. Mammalian Genome, 1992, 3, 192-196.	2.2	7
119	Reminiscences of Sir Peter Medawar: In Hope of Antigen-Specific Transplantation Tolerance. American Journal of Transplantation, 2004, 4, 1937-1940.	4.7	7
120	Molecular characterization of the Ly-6.2 antigen. Cellular Immunology, 1981, 64, 187-191.	3.0	6
121	Immunology: Why the baby isn't thrown out. Current Biology, 1996, 6, 43-44.	3.9	6
122	Concurrent Allorecognition Has a Limited Impact on Posttransplant Vaccination. Journal of Immunology, 2011, 186, 1361-1368.	0.8	6
123	ACCEPTANCE OF SKIN GRAFTS BETWEEN MICE BEARING DIFFERENT ALLELIC FORMS OF??2-MICROGLOBULIN. Transplantation, 1996, 61, 299-304.	1.0	6
124	Cytotoxic Activity in vitro of Thymus-derived Lymphocytes Sensitized to Xenograft Antigens. Nature: New Biology, 1972, 237, 17-18.	4.5	5
125	T cell function: Ly phenotype and the MHC. Nature, 1982, 295, 366-367.	27.8	5
126	Minor antigen solves major problem. Nature Medicine, 2001, 7, 769-770.	30.7	5

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127	Intranasal peptideâ€induced tolerance and linked suppression: consequences of complement deficiency. Immunology, 2015, 144, 149-157.	4.4	5
128	Mechanisms of cell mediated lysis. Nature, 1981, 293, 702-703.	27.8	4
129	An H-2-restricted CML target antigen controlled by a gene linked to theH-2 complex. Immunogenetics, 1979, 9, 255-260.	2.4	3
130	Immunology: Antigens associated with H-2, embryos and tumours. Nature, 1983, 306, 738-739.	27.8	3
131	Mixed-haplotype MHC class II molecules select functional CD4+ T cells. Molecular Immunology, 2005, 42, 1129-1139.	2.2	3
132	Induction and Effector Function of T Cells. , 1983, , 121-128.		3
133	Seal Hunting in the Gulf of St Lawrence. Nature, 1967, 214, 1274-1274.	27.8	2
134	More Humane Way with Seals. Nature, 1967, 216, 1237-1238.	27.8	2
135	IMMUNOLOGICAL REACTIVITY OF B MICE RECONSTITUTED WITH VARIOUS NUMBERS OF SYNGENEIC BONE MARROW CELLS. Transplantation, 1976, 21, 23-26.	1.0	2
136	Mapping H-1 with the distal break point of chromosome 7 in Cattanach's insertion. Immunogenetics, 1985, 22, 503-510.	2.4	2
137	Regulating the immune system. Nature, 1978, 273, 99-100.	27.8	1
138	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
139	Mechanisms of transplantation immunity. Seminars in Immunopathology, 1992, 14, 17-32.	4.0	1
140	DICHOTOMY OF MHC CONTROL OVER ANTI H-Y CYTOTOXIC T CELL RESPONSES. , 1979, , 551-561.		1
141	THE CELLULAR BASIS OF THE IMMUNE RESPONSE. , 1984, , 1-11.		1
142	Interactive Control of Cytotoxic T Cell Responses to H-Y by H-2 and Non H-2 Ir Genes. , 1983, , 389-393.		1
143	H-Y Typing of Karyotypically Abnormal Mice. , 1983, 23 Suppl, 116-120.		1
144	T and B cell hybridomas. Nature, 1978, 272, 751-752.	27.8	0

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145	Immunologic comments. Human Genetics, 1987, 76, 217.	3.8	0
146	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
147	H-Y, The Male-Specific Transplantation Antigen. , 1998, , 1158-1161.		0
148	Minor Transplantation (Histocompatibility) Antigens. , 1998, , 1729-1732.		0