

# Jeffrey L Platt

## List of Publications by Year in descending order

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158  
papers

8,971  
citations

41344

49  
h-index

42399

92  
g-index

165  
all docs

165  
docs citations

165  
times ranked

5801  
citing authors

#	ARTICLE	IF	CITATIONS
1	Limited Expansion of Human Hepatocytes in FAH/ <i>RAG2</i> -Deficient Swine. <i>Tissue Engineering - Part A</i> , 2022, 28, 150-160.	3.1	5
2	The Future of Transplantation. <i>New England Journal of Medicine</i> , 2022, 387, 77-78.	27.0	10
3	TNFRSF13B Diversification Fueled by B Cell Responses to Environmental Challengesâ€”A Hypothesis. <i>Frontiers in Immunology</i> , 2021, 12, 634544.	4.8	7
4	38227 Specific and highly potent human monoclonal antibodies against SARS-CoV-2. <i>Journal of Clinical and Translational Science</i> , 2021, 5, 21-21.	0.6	0
5	TNFRSF13B genotypes control immune-mediated pathology by regulating the functions of innate B cells. <i>JCI Insight</i> , 2021, 6, .	5.0	4
6	Regional delivery of immunosuppression for transplantation of vascularized composite allografts: opportunities near and far. <i>Annals of Translational Medicine</i> , 2021, 9, 0-0.	1.7	1
7	Clinical xenotransplantation of the heart: At the watershed. <i>Journal of Heart and Lung Transplantation</i> , 2020, 39, 758-760.	0.6	8
8	On Poetry and Vascularized Composite Allografting. <i>Transplantation</i> , 2020, 104, 1995-1996.	1.0	0
9	Lessons from ABO-Incompatible Cardiac Allotransplantation in the Newborn. , 2020, , 191-201.		0
10	The five dimensions of B cell tolerance. <i>Immunological Reviews</i> , 2019, 292, 180-193.	6.0	13
11	Cell Fusion in Malignancy: A Cause or Consequence? A Provocateur or Cure?. <i>Cells</i> , 2019, 8, 587.	4.1	15
12	The role of B cell immunity in VCA graft rejection and acceptance. <i>Human Immunology</i> , 2019, 80, 385-392.	2.4	16
13	Non-canonical B cell functions in transplantation. <i>Human Immunology</i> , 2019, 80, 363-377.	2.4	8
14	B Cells in Transplantation of Rat, Mouse, and Man. <i>Transplantation</i> , 2018, 102, 357-358.	1.0	3
15	Xenotransplantation: Progress Along Paths Uncertain from Models to Application. <i>ILAR Journal</i> , 2018, 59, 286-308.	1.8	24
16	Toward a solution for cardiac failure in the newborn. <i>Xenotransplantation</i> , 2018, 25, e12479.	2.8	9
17	Extracellular DNA in plasma: From marking to dissecting the cell biology of cardiac transplants. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 945-947.	0.6	0
18	Accommodation in <i>ABO</i> -incompatible organ transplants. <i>Xenotransplantation</i> , 2018, 25, e12418.	2.8	35

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19	Durable targeting of B-lymphocytes in living mice. <i>Scientific Reports</i> , 2018, 8, 11143.	3.3	1
20	Host conditioning and rejection monitoring in hepatocyte transplantation in humans. <i>Journal of Hepatology</i> , 2017, 66, 987-1000.	3.7	99
21	Accommodation and related conditions in vascularized composite allografts. <i>Current Opinion in Organ Transplantation</i> , 2017, 22, 470-476.	1.6	19
22	The mutable vaccine for mutable viruses. <i>Immunotherapy</i> , 2017, 9, 659-667.	2.0	2
23	C3d regulates immune checkpoint blockade and enhances antitumor immunity. <i>JCI Insight</i> , 2017, 2, .	5.0	23
24	Cardiac Xenotransplantation. , 2017, , 549-562.		0
25	Cell Fusion in the War on Cancer: A Perspective on the Inception of Malignancy. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1118.	4.1	28
26	B cells in transplantation. <i>Journal of Heart and Lung Transplantation</i> , 2016, 35, 704-710.	0.6	29
27	Harnessing B cells in immunotherapy. <i>Immunotherapy</i> , 2016, 8, 237-239.	2.0	7
28	Cell Fusion Connects Oncogenesis with Tumor Evolution. <i>American Journal of Pathology</i> , 2015, 185, 2049-2060.	3.8	53
29	Heparan Sulfate Proteoglycan Metabolism and the Fate of Grafted Tissues. <i>Advances in Experimental Medicine and Biology</i> , 2015, 865, 123-140.	1.6	14
30	IgM in the kidney: a multiple personality disorder. <i>Kidney International</i> , 2015, 88, 439-441.	5.2	22
31	TACI deficiency enhances antibody avidity and clearance of an intestinal pathogen. <i>Journal of Clinical Investigation</i> , 2014, 124, 4857-4866.	8.2	40
32	Interaction of Embryonic Stem Cells with the Immune System. , 2013, , 49-67.		0
33	New and old technologies for organ replacement. <i>Current Opinion in Organ Transplantation</i> , 2013, 18, 179-185.	1.6	19
34	The Paradoxical Functions of B Cells and Antibodies in Transplantation. <i>Journal of Immunology</i> , 2013, 190, 875-879.	0.8	31
35	Accommodation and the Fetus. , 2013, , 79-85.		0
36	Molecular and Cellular Mechanisms of Mammalian Cell Fusion. <i>Advances in Experimental Medicine and Biology</i> , 2011, 713, 33-64.	1.6	48

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37	Novel functions of B cells in transplantation. <i>Current Opinion in Organ Transplantation</i> , 2011, 16, 61-68.	1.6	7
38	Donor specific antibodies after transplantation. <i>Pediatric Transplantation</i> , 2011, 15, 686-690.	1.0	21
39	A Symposium on Donor-Specific Antibodies after Transplantation Introduction. <i>Pediatric Transplantation</i> , 2011, 15, 455-457.	1.0	15
40	Accommodation: How You See It, How You Don't. <i>American Journal of Transplantation</i> , 2011, 11, 2007-2008.	4.7	11
41	Cell fusion causes DNA double-stranded breaks and transformation. <i>FASEB Journal</i> , 2011, 25, .	0.5	0
42	Accommodation in renal transplantation: unanswered questions. <i>Current Opinion in Organ Transplantation</i> , 2010, 15, 481-485.	1.6	54
43	And Justice for All. <i>Circulation</i> , 2010, 121, 1884-1886.	1.6	12
44	Induction of Human Blood Group A Antigen Expression on Mouse Cells, Using Lentiviral Gene Transduction. <i>Human Gene Therapy</i> , 2010, 21, 877-890.	2.7	18
45	Antibodies in transplantation. <i>Discovery Medicine</i> , 2010, 10, 125-33.	0.5	23
46	Toward Development and Production of Human T Cells in Swine for Potential Use in Adoptive T Cell Immunotherapy. <i>Tissue Engineering - Part A</i> , 2009, 15, 1031-1040.	3.1	20
47	The role of antibodies in transplantation. <i>Transplantation Reviews</i> , 2009, 23, 191-198.	2.9	30
48	Noncognate function of B cells in transplantation. <i>Transplant International</i> , 2009, 22, 593-598.	1.6	7
49	Lessons from cardiac transplantation in infancy. <i>Pediatric Transplantation</i> , 2009, 13, 814-819.	1.0	19
50	Escaping From Rejection. <i>Transplantation</i> , 2009, 88, 1233-1236.	1.0	21
51	Immunosuppression by Embryonic Stem Cells. <i>Stem Cells</i> , 2008, 26, 89-98.	3.2	93
52	Sirolimus affects cardiomyocytes to reduce left ventricular mass in heart transplant recipients. <i>European Heart Journal</i> , 2008, 29, 2742-2750.	2.2	54
53	Constitutive Repression of Interleukin-1 $\beta$ in Endothelial Cells. <i>Circulation Research</i> , 2008, 102, 823-830.	4.5	11
54	Accommodation in organ transplantation. <i>Current Opinion in Organ Transplantation</i> , 2008, 13, 165-170.	1.6	61

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55	B cell selection is a function of the postnatal thymus. <i>FASEB Journal</i> , 2008, 22, 847.1.	0.5	0
56	Fitness of Cell-Mediated Immunity Independent of Repertoire Diversity. <i>Journal of Immunology</i> , 2007, 178, 2950-2960.	0.8	23
57	Accommodation of grafts: Implications for health and disease. <i>Human Immunology</i> , 2007, 68, 645-651.	2.4	51
58	Prolonged Survival of Porcine Hepatocytes in Cynomolgus Monkeys. <i>Gastroenterology</i> , 2007, 132, 321-329.	1.3	86
59	The etiology of sepsis: turned inside out. <i>Trends in Molecular Medicine</i> , 2006, 12, 10-16.	6.7	38
60	Differential Regulation of Endothelial Cell Activation by Complement and Interleukin 1 $\beta$ . <i>Circulation Research</i> , 2006, 98, 793-800.	4.5	39
61	The Immunologic Barriers to Replacing Damaged Organs. <i>Current Immunology Reviews</i> , 2006, 2, 65-72.	1.2	1
62	Effacing of the T Cell Compartment by Cardiac Transplantation in Infancy. <i>Journal of Immunology</i> , 2006, 176, 1962-1967.	0.8	50
63	Toward a modern concept of sepsis: new answers to ancient questions. <i>Discovery Medicine</i> , 2006, 6, 11-7.	0.5	5
64	Sensitization with Xenogeneic Tissues Alters the Heavy Chain Repertoire of Human Anti-Gal $\alpha$ 1 $\beta$ 3Gal Antibodies. <i>Transplantation</i> , 2005, 80, 102-109.	1.0	9
65	Basic mechanisms of humoral rejection. <i>Pediatric Transplantation</i> , 2005, 9, 9-16.	1.0	17
66	Biological implications of cell fusion. <i>Nature Reviews Molecular Cell Biology</i> , 2005, 6, 567-575.	37.0	284
67	Xenotransplantation in Pharmaceutical Biotechnology. , 2005, , 265-279.		0
68	Intrinsic Resistance of Hepatocytes to Complement-Mediated Injury. <i>Journal of Immunology</i> , 2005, 174, 7302-7309.	0.8	41
69	New Technologies for Organ Replacement and Augmentation. <i>Mayo Clinic Proceedings</i> , 2005, 80, 370-378.	3.0	16
70	A genetic basis for the "Adonis" phenotype of low adiposity and strong bones. <i>FASEB Journal</i> , 2004, 18, 1282-1284.	0.5	64
71	Spontaneous fusion of cells between species yields transdifferentiation and retroviral transfer in vivo. <i>FASEB Journal</i> , 2004, 18, 548-550.	0.5	70
72	Xenotransplantation and the Future of Renal Replacement. <i>Journal of the American Society of Nephrology: JASN</i> , 2004, 15, 1106-1112.	6.1	32

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73	B Cell-Dependent TCR Diversification. <i>Journal of Immunology</i> , 2004, 172, 4709-4716.	0.8	75
74	Cutting Edge: An Endogenous Pathway to Systemic Inflammatory Response Syndrome (SIRS)-Like Reactions through Toll-Like Receptor 4. <i>Journal of Immunology</i> , 2004, 172, 20-24.	0.8	220
75	Accommodation: Preventing Injury in Transplantation and Disease. <i>Journal of Immunology</i> , 2004, 172, 5143-5148.	0.8	129
76	Donor-specific B-cell tolerance after ABO-incompatible infant heart transplantation. <i>Nature Medicine</i> , 2004, 10, 1227-1233.	30.7	197
77	Fusion of approaches to the treatment of organ failure. <i>American Journal of Transplantation</i> , 2004, 4, 74-77.	4.7	28
78	Pathways to Acute Humoral Rejection. <i>American Journal of Pathology</i> , 2004, 164, 1073-1080.	3.8	43
79	Acute Vascular Rejection and Accommodation: Divergent Outcomes of the Humoral Response to Organ Transplantation. <i>Transplantation</i> , 2004, 78, 1471-1478.	1.0	81
80	Humoral immunity in xenotransplantation. <i>Current Opinion in Organ Transplantation</i> , 2004, 9, 170-175.	1.6	5
81	Natural mechanisms for evading graft rejection: the fetus as an allograft. <i>Seminars in Immunopathology</i> , 2003, 25, 95-117.	4.0	52
82	Insights from the immunopathology of transplantation. <i>Seminars in Immunopathology</i> , 2003, 25, 91-94.	4.0	1
83	Accommodation in ABO-Incompatible Kidney Allografts, a Novel Mechanism of Self-Protection Against Antibody-Mediated Injury. <i>American Journal of Transplantation</i> , 2003, 3, 952-960.	4.7	177
84	Treatment of cirrhosis and liver failure in rats by hepatocyte xenotransplantation. <i>Gastroenterology</i> , 2003, 124, 422-431.	1.3	127
85	The footprint of antibody bound to pig cells: evidence of complex surface topology. <i>Biochemical and Biophysical Research Communications</i> , 2003, 301, 751-757.	2.1	11
86	Evolutionary clues to the functions of the Toll-like family as surveillance receptors. <i>Trends in Immunology</i> , 2003, 24, 19-24.	6.8	96
87	Direct measurement of lymphocyte receptor diversity. <i>Nucleic Acids Research</i> , 2003, 31, 139e-139.	14.5	21
88	Propagation and Control of T Cell Responses by Heparan Sulfate-Bound IL-2. <i>Journal of Immunology</i> , 2003, 170, 5470-5474.	0.8	36
89	ABO-incompatible kidney transplantation using both A2 and non-A2 living donors. <i>Transplantation</i> , 2003, 75, 971-977.	1.0	187
90	Receptor-Mediated Monitoring of Tissue Well-Being Via Detection of Soluble Heparan Sulfate by Toll-Like Receptor 4. <i>Journal of Immunology</i> , 2002, 168, 5233-5239.	0.8	605

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91	Regional manifestations and control of the immune system. FASEB Journal, 2002, 16, 849-856.	0.5	111
92	Apoptosis and Cellular Activation in the Pathogenesis of Acute Vascular Rejection. Circulation Research, 2002, 91, 1135-1141.	4.5	44
93	C4d and the Fate of Organ Allografts. Journal of the American Society of Nephrology: JASN, 2002, 13, 2417-2419.	6.1	84
94	Approaches to the replacement of the function of failing organs. Current Opinion in Organ Transplantation, 2002, 7, 28-34.	1.6	5
95	Knocking out xenograft rejection. Nature Biotechnology, 2002, 20, 231-232.	17.5	18
96	C1 Inhibitor for Prophylaxis of Xenograft Rejection After Pig to Cynomolgus Monkey Kidney Transplantation. Transplantation 2002; 73: 688.. Transplantation, 2002, 73, 675-677.	1.0	9
97	The Immunologic Barriers of Xenotransplantation and Application of Genetic Engineering. , 2002, , 323-347.		0
98	The humoral barrier to transplantation of the liver: Is it more real than apparent?. Liver Transplantation, 2001, 7, 90-92.	2.4	6
99	ANTIGEN EXPRESSION IN XENOTRANSPLANTATION: HOW LOW MUST IT GO?. Transplantation, 2001, 71, 313-319.	1.0	25
100	The Immunological Hurdles to Cardiac Xenotransplantation. Journal of Cardiac Surgery, 2001, 16, 439-447.	0.7	12
101	Xenotransplantation and other means of organ replacement. Nature Reviews Immunology, 2001, 1, 154-160.	22.7	79
102	Xenotransplantation of the liver: Is more complement control needed?. Liver Transplantation, 2001, 7, 933-934.	2.4	1
103	PLATELET-MEDIATED ACTIVATION OF ENDOTHELIAL CELLS: IMPLICATIONS FOR THE PATHOGENESIS OF TRANSPLANT REJECTION1. Transplantation, 2001, 72, 509-515.	1.0	40
104	Physiologic and Immunologic Hurdles to Xenotransplantation. Journal of the American Society of Nephrology: JASN, 2001, 12, 182-193.	6.1	89
105	THE ROLE OF ANTI-GAL??1-3GAL ANTIBODIES IN ACUTE VASCULAR REJECTION AND ACCOMMODATION OF XENOGRAFTS1. Transplantation, 2000, 70, 1667-1674.	1.0	132
106	Influence of human fulminant hepatic failure sera on endogenous retroviral expression in pig hepatocytes. Liver Transplantation, 2000, 6, 76-84.	2.4	32
107	New risks, new gains. Nature, 2000, 407, 27-29.	27.8	51
108	Endothelial Cell Activation by Pore-Forming Structures. Circulation, 2000, 101, 1867-1873.	1.6	87

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109	Phenotypic and Functional Maturation of Dendritic Cells Mediated by Heparan Sulfate. <i>Journal of Immunology</i> , 2000, 165, 1599-1604.	0.8	106
110	Genetic therapies and xenotransplantation. <i>Expert Opinion on Investigational Drugs</i> , 1999, 8, 1653-1662.	4.1	3
111	Prospects for xenotransplantation. <i>Pediatric Transplantation</i> , 1999, 3, 193-200.	1.0	17
112	ROLE OF COMPLEMENT IN XENOTRANSPLANTATION. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1999, 26, 1016-1019.	1.9	18
113	Chronic rejection of mouse kidney allografts. <i>Kidney International</i> , 1999, 55, 1935-1944.	5.2	57
114	Immunochemical properties of anti-Gal alpha 1-3Gal antibodies after sensitization with xenogeneic tissues. <i>Journal of Clinical Immunology</i> , 1999, 19, 116-126.	3.8	38
115	The role of complement in transplantation. <i>Molecular Immunology</i> , 1999, 36, 965-971.	2.2	32
116	Modulation of macrophage and B cell function by glycosaminoglycans. <i>Journal of Leukocyte Biology</i> , 1999, 66, 391-400.	3.3	74
117	Xenotransplantation—caution, but no moratorium. <i>Nature Medicine</i> , 1998, 4, 372-372.	30.7	12
118	Heme oxygenase: Protective gene or Trojan horse. <i>Nature Medicine</i> , 1998, 4, 1364-1365.	30.7	221
119	The Future Promises of Xenotransplantation a,b. <i>Annals of the New York Academy of Sciences</i> , 1998, 862, 5-18.	3.8	28
120	Regulation of platelet heparanase during inflammation: Role of pH and proteinases. <i>Journal of Cellular Physiology</i> , 1998, 175, 255-267.	4.1	71
121	Regulation of platelet heparanase during inflammation: Role of pH and proteinases. , 1998, 175, 255.		1
122	Endothelial Cell Responses to Complement Activation. , 1998, , 335-353.		17
123	Humoral Responses to Pig-to-Baboon Cardiac Transplantation: Implications for the Pathogenesis and Treatment of Acute Vascular Rejection and for Accommodation. <i>Human Immunology</i> , 1997, 58, 91-105.	2.4	93
124	Specificity and function of "natural" antibodies in immunodeficient subjects: clues to B cell lineage and development. <i>Journal of Clinical Immunology</i> , 1997, 17, 311-321.	3.8	51
125	A MOLECULAR EPIDEMIOLOGICAL PROBE FOR PIG MICROCHIMERISM1. <i>Transplantation</i> , 1997, 64, 347-350.	1.0	12
126	Heparan Sulfate in Immune Responses. <i>Annals of the New York Academy of Sciences</i> , 1996, 797, 127-139.	3.8	17



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127	Isohemagglutinins and xenoreactive antibodies. <i>Human Immunology</i> , 1996, 45, 94-104.	2.4	65
128	Quantitative evaluation of porcine endothelial cell antigens recognized by human natural antibodies: An analysis by Western blotting. <i>Xenotransplantation</i> , 1996, 3, 120-127.	2.8	9
129	Shedding of heparan sulfate proteoglycan by stimulated endothelial cells: Evidence for proteolysis of cell-surface molecules. <i>Journal of Cellular Physiology</i> , 1996, 168, 625-637.	4.1	111
130	Transplantation of discordant xenografts: a challenge revisited. <i>Trends in Immunology</i> , 1996, 17, 373-378.	7.5	227
131	MOLECULAR BARRIERS TO XENOTRANSPLANTATION1. <i>Transplantation</i> , 1996, 62, 303-310.	1.0	175
132	ABSENCE OF HYPERACUTE REJECTION IN NEWBORN PIG-TO-BABOON CARDIAC XENOGRAFTS. <i>Transplantation</i> , 1995, 59, 1-6.	1.0	81
133	Human complement regulatory proteins protect swine-to-primate cardiac xenografts from humoral injury. <i>Nature Medicine</i> , 1995, 1, 423-427.	30.7	531
134	Xenotransplantation: The Need, The Immunologic Hurdles, and The Prospects For Success. <i>ILAR Journal</i> , 1995, 37, 22-31.	1.8	5
135	A Perspective on Xenograft Rejection and Accommodation1. <i>Immunological Reviews</i> , 1994, 141, 127-149.	6.0	94
136	MODULATION OF CYTOLYTIC T CELL RESPONSES BY HEPARAN SULFATE. <i>Transplantation</i> , 1994, 57, 1087-1094.	1.0	21
137	MECHANISMS OF INJURY IN PORCINE LIVERS PERFUSED WITH BLOOD OF PATIENTS WITH FULMINANT HEPATIC FAILURE. <i>Transplantation</i> , 1994, 58, 1162-1170.	1.0	51
138	Role of heparan sulfate in immune system-blood vessel interactions. <i>Trends in Immunology</i> , 1993, 14, 500-505.	7.5	198
139	IMMUNOPATHOLOGY OF HYPERACUTE XENOGRAFT REJECTION IN A SWINE-TO-PRIMATE MODEL. <i>Transplantation</i> , 1991, 52, 214-220.	1.0	418
140	AN ELSIA ASSAY FOR XENOREACTIVE NATURAL ANTIBODIES. <i>Transplantation</i> , 1990, 49, 1000-1001.	1.0	124
141	Transplantation of discordant xenografts: a review of progress. <i>Trends in Immunology</i> , 1990, 11, 450-456.	7.5	533
142	Heparin and heparan sulfate delimit nephron formation in fetal metanephric kidneys. <i>Developmental Biology</i> , 1990, 139, 338-348.	2.0	43
143	Chondroitin sulfate proteoglycan synthesis and reutilization of $\beta$ -D-xyloside-initiated chondroitin/dermatan sulfate glycosaminoglycans in fetal kidney branching morphogenesis. <i>Developmental Biology</i> , 1989, 133, 515-528.	2.0	35
144	Proteoglycan metabolism associated with mouse metanephric development: Morphologic and biochemical effects of $\beta$ -D-xyloside. <i>Developmental Biology</i> , 1987, 123, 293-306.	2.0	67

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145	Cellular antigens in nephroblastoma: Identification with monoclonal antibodies which recognize hemopoietic cells. <i>Clinical Immunology and Immunopathology</i> , 1987, 43, 110-116.	2.0	5
146	A Primer on Xenotransplantation. , 0, , 1-28.		3
147	Xenotransplantation as a Vector for Infection. , 0, , 191-206.		1
148	Zoonotic Agents in Swine-to-Human Xenotransplants. , 0, , 217-238.		2
149	Prevention of Infection in Xenotransplantation. , 0, , 261-290.		3
150	Coming to Terms with Reality: Why Xenotransplantation Is a Necessity. , 0, , 29-51.		15
151	The Complement System as a Hurdle to Xenotransplantation. , 0, , 53-83.		1
152	Recognition of Foreign Antigen and Foreign Major Histocompatibility Complex. , 0, , 175-189.		0
153	NK Cells as a Barrier to Xenotransplantation. , 0, , 85-98.		0
154	Therapeutic Strategies for Xenotransplantation. , 0, , 117-135.		0
155	Cellular Immune Responses to Xenografts. , 0, , 99-115.		0
156	Retroviruses and Xenotransplantation. , 0, , 239-250.		0
157	Potential Medical Impact of Endogenous Retroviruses. , 0, , 251-259.		0
158	Complement Regulation and the Host Response to Infection. , 0, , 159-174.		0