

# Joachim Denner

## List of Publications by Year in descending order

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140  
papers

5,337  
citations

66343

42  
h-index

110387

64  
g-index

143  
all docs

143  
docs citations

143  
times ranked

2588  
citing authors

#	ARTICLE	IF	CITATIONS
1	What does the PERV copy number tell us?. <i>Xenotransplantation</i> , 2022, 29, e12732.	2.8	2
2	Rare isolation of human-tropic recombinant porcine endogenous retroviruses PERV-A/C from Göttingen minipigs. <i>Virology Journal</i> , 2022, 19, 30.	3.4	7
3	Virological Characterization of Pigs with Erythema Multiforme. <i>Microorganisms</i> , 2022, 10, 652.	3.6	5
4	The porcine cytomegalovirus (PCMV) will not stop xenotransplantation. <i>Xenotransplantation</i> , 2022, 29, .	2.8	19
5	Risk of pathogenic virus transmission by somatic cell nuclear transfer: implications for xenotransplantation. <i>Biology of Reproduction</i> , 2022, 107, 717-722.	2.7	12
6	Endogenous retroviruses expressed in human tumours cannot be used as targets for anti-tumour vaccines. <i>Translational Oncology</i> , 2021, 14, 100941.	3.7	3
7	The origin of porcine endogenous retroviruses (PERVs). <i>Archives of Virology</i> , 2021, 166, 1007-1013.	2.1	12
8	Unexpected low expression of porcine endogenous retroviruses (PERVs) in porcine expanded potential stem cells (EPSCs). <i>Virus Research</i> , 2021, 294, 198295.	2.2	4
9	Detection of cell-free pig DNA using integrated PERV sequences to monitor xenotransplant tissue damage and rejection. <i>Xenotransplantation</i> , 2021, 28, e12688.	2.8	4
10	Absence of porcine endogenous retrovirus (PERV) production from pig lymphoma cell lines. <i>Virus Research</i> , 2021, 295, 198286.	2.2	6
11	Comment on: Endogenous retroviruses expressed in human tumours cannot be used as targets for anti-tumour vaccines. <i>Translational Oncology</i> , 2021, 14, 101041.	3.7	0
12	The large extracellular loop of CD63 interacts with gp41 of HIV-1 and is essential for establishing the virological synapse. <i>Scientific Reports</i> , 2021, 11, 10011.	3.3	8
13	Porcine Lymphotropic Herpesviruses (PLHVs) and Xenotransplantation. <i>Viruses</i> , 2021, 13, 1072.	3.3	12
14	Pathways to Clinical Cardiac Xenotransplantation. <i>Transplantation</i> , 2021, 105, 1930-1943.	1.0	27
15	High Prevalence of Recombinant Porcine Endogenous Retroviruses (PERV-A/Cs) in Minipigs: A Review on Origin and Presence. <i>Viruses</i> , 2021, 13, 1869.	3.3	12
16	Porcine Endogenous Retroviruses and Xenotransplantation, 2021. <i>Viruses</i> , 2021, 13, 2156.	3.3	32
17	Vaccination against the Koala Retrovirus (KoRV): Problems and Strategies. <i>Animals</i> , 2021, 11, 3555.	2.3	1
18	Virological and Parasitological Characterization of Mini-LEWE Minipigs Using Improved Screening Methods and an Overview of Data on Various Minipig Breeds. <i>Microorganisms</i> , 2021, 9, 2617.	3.6	13

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19	Impact of porcine cytomegalovirus on long-term orthotopic cardiac xenotransplant survival. <i>Scientific Reports</i> , 2020, 10, 17531.	3.3	60
20	Animal Models of Alzheimer's Disease Should Be Controlled for Roseolovirus. <i>Journal of Alzheimer's Disease</i> , 2020, 77, 543-545.	2.6	2
21	SARS-CoV-2 and enhancing antibodies. <i>Journal of Clinical Virology</i> , 2020, 128, 104424.	3.1	4
22	By definition. <i>Xenotransplantation</i> , 2020, 27, e12599.	2.8	2
23	Pig-to-non-human primate heart transplantation: The final step toward clinical xenotransplantation?. <i>Journal of Heart and Lung Transplantation</i> , 2020, 39, 751-757.	0.6	56
24	A Comprehensive Strategy for Screening for Xenotransplantation-Relevant Viruses in a Second Isolated Population of Göttingen Minipigs. <i>Viruses</i> , 2020, 12, 38.	3.3	24
25	Copy Number and Prevalence of Porcine Endogenous Retroviruses (PERVs) in German Wild Boars. <i>Viruses</i> , 2020, 12, 419.	3.3	12
26	Sensitive detection systems for infectious agents in xenotransplantation*. <i>Xenotransplantation</i> , 2020, , e12594.	2.8	23
27	Transmission of Porcine Circovirus 3 (PCV3) by Xenotransplantation of Pig Hearts into Baboons. <i>Viruses</i> , 2019, 11, 650.	3.3	31
28	Why all blood donations should be tested for hepatitis E virus (HEV). <i>BMC Infectious Diseases</i> , 2019, 19, 541.	2.9	35
29	Hepatitis E virus (HEV) – The Future. <i>Viruses</i> , 2019, 11, 251.	3.3	53
30	Are there better assays to evaluate the risk of transmission of porcine endogenous retroviruses (PERVs) to human cells?. <i>Xenotransplantation</i> , 2019, 26, e12510.	2.8	9
31	Detection of PCV3 in German wild boars. <i>Virology Journal</i> , 2019, 16, 25.	3.4	49
32	Comparative Analysis of Roseoloviruses in Humans, Pigs, Mice, and Other Species. <i>Viruses</i> , 2019, 11, 1108.	3.3	32
33	Human SAMHD1 restricts the xenotransplantation relevant porcine endogenous retrovirus (PERV) in non-dividing cells. <i>Journal of General Virology</i> , 2019, 100, 656-661.	2.9	4
34	Why was PERV not transmitted during preclinical and clinical xenotransplantation trials and after inoculation of animals?. <i>Retrovirology</i> , 2018, 15, 28.	2.0	73
35	Does size matter?. <i>Xenotransplantation</i> , 2018, 25, e12383.	2.8	3
36	Reduction of the survival time of pig xenotransplants by porcine cytomegalovirus. <i>Virology Journal</i> , 2018, 15, 171.	3.4	37

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37	Absence of IL-10 production by human PBMCs co-cultivated with human cells expressing or secreting retroviral immunosuppressive domains. PLoS ONE, 2018, 13, e0200570.	2.5	3
38	Cover Image, Volume 25, Issue 4. Xenotransplantation, 2018, 25, e12456.	2.8	0
39	Theme issue on infections and safetyâ€”An introduction. Xenotransplantation, 2018, 25, e12447.	2.8	3
40	Porcine endogenous retroviruses: Quantification of the copy number in cell lines, pig breeds, and organs. Xenotransplantation, 2018, 25, e12445.	2.8	40
41	Will Genetic Engineering Carry Xenotransplantation of Pig Islets to the Clinic?. Current Diabetes Reports, 2018, 18, 103.	4.2	44
42	Early weaning completely eliminates porcine cytomegalovirus from a newly established pig donor facility for xenotransplantation. Xenotransplantation, 2018, 25, e12449.	2.8	35
43	Is it currently possible to evaluate the risk posed by <scp>PERV</scp>s for clinical xenotransplantation?. Xenotransplantation, 2018, 25, e12403.	2.8	32
44	Distribution of Porcine Cytomegalovirus in Infected Donor Pigs and in Baboon Recipients of Pig Heart Transplantation. Viruses, 2018, 10, 66.	3.3	27
45	Xenotransplantation â€” A special case of One Health. One Health, 2017, 3, 17-22.	3.4	9
46	Advances in organ transplant from pigs. Science, 2017, 357, 1238-1239.	12.6	20
47	Regulation of Clinical Xenotransplantationâ€”Time for a Reappraisal. Transplantation, 2017, 101, 1766-1769.	1.0	57
48	Sensitive methods and improved screening strategies are needed for the detection of pig viruses. Xenotransplantation, 2017, 24, e12303.	2.8	4
49	Function of a retroviral envelope protein in the placenta of a viviparous lizard. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 13315-13317.	7.1	9
50	Inactivation of porcine endogenous retrovirus in pigs using <scp>CRISPR</scp>â€”Cas9, editorial commentary. Xenotransplantation, 2017, 24, e12363.	2.8	24
51	Paving the Path toward Porcine Organs for Transplantation. New England Journal of Medicine, 2017, 377, 1891-1893.	27.0	29
52	Level of acceptance of islet cell and kidney xenotransplants by personnel of hospitals with and without experience in clinical xenotransplantation. Xenotransplantation, 2017, 24, e12315.	2.8	20
53	No PERV transmission during a clinical trial of pig islet cell transplantation. Virus Research, 2017, 227, 34-40.	2.2	134
54	Antibody Cross-Reactivity between Porcine Cytomegalovirus (PCMV) and Human Herpesvirus-6 (HHV-6). Viruses, 2017, 9, 317.	3.3	16

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55	Can Antiretroviral Drugs Be Used to Treat Porcine Endogenous Retrovirus (PERV) Infection after Xenotransplantation?. <i>Viruses</i> , 2017, 9, 213.	3.3	48
56	Antigenic and immunosuppressive properties of a trimeric recombinant transmembrane envelope protein gp41 of HIV-1. <i>PLoS ONE</i> , 2017, 12, e0173454.	2.5	7
57	The porcine virome and xenotransplantation. <i>Virology Journal</i> , 2017, 14, 171.	3.4	37
58	Effective Detection of Porcine Cytomegalovirus Using Non-Invasively Taken Samples from Piglets. <i>Viruses</i> , 2017, 9, 9.	3.3	29
59	Porcine Circoviruses and Xenotransplantation. <i>Viruses</i> , 2017, 9, 83.	3.3	50
60	Easy and cost-effective stable positioning of suspension cells during live-cell imaging. <i>Journal of Biological Methods</i> , 2017, 4, e80.	0.6	3
61	How Active Are Porcine Endogenous Retroviruses (PERVs)?. <i>Viruses</i> , 2016, 8, 215.	3.3	64
62	Transspecies Transmission of Gammaretroviruses and the Origin of the Gibbon Ape Leukaemia Virus (GaLV) and the Koala Retrovirus (KoRV). <i>Viruses</i> , 2016, 8, 336.	3.3	22
63	First update of the International Xenotransplantation Association consensus statement on conditions for undertaking clinical trials of porcine islet products in type 1 diabetesâ€”Chapter 2a: source pigsâ€”preventing zoonoses. <i>Xenotransplantation</i> , 2016, 23, 25-31.	2.8	45
64	Correlative Förster Resonance Electron Transferâ€”Proximity Ligation Assay (FRETâ€”PLA) Technique for Studying Interactions Involving Membrane Proteins. <i>Current Protocols in Protein Science</i> , 2016, 85, 29.17.1-29.17.13.	2.8	3
65	A new Western blot assay for the detection of porcine cytomegalovirus (PCMV). <i>Journal of Immunological Methods</i> , 2016, 437, 37-42.	1.4	36
66	Extended microbiological characterization of Göttingen minipigs: porcine cytomegalovirus and other viruses. <i>Xenotransplantation</i> , 2016, 23, 490-496.	2.8	38
67	Islet cell transplantation from Göttingen minipigs to cynomolgus monkeys: analysis of virus safety. <i>Xenotransplantation</i> , 2016, 23, 320-327.	2.8	24
68	Detection of koala retrovirus subgroup B (KoRV-B) in animals housed at European zoos. <i>Archives of Virology</i> , 2016, 161, 3549-3553.	2.1	7
69	Efficient production of multi-modified pigs for xenotransplantation by â€”combineeringâ€”™, gene stacking and gene editing. <i>Scientific Reports</i> , 2016, 6, 29081.	3.3	129
70	Immunological methods for the detection of porcine lymphotropic herpesviruses (PLHV). <i>Journal of Virological Methods</i> , 2016, 233, 72-77.	2.1	22
71	First update of the International Xenotransplantation Association consensus statement on conditions for undertaking clinical trials of porcine islet products in type 1 diabetesâ€”Chapter 5: recipient monitoring and response plan for preventing disease transmission. <i>Xenotransplantation</i> , 2016, 23, 53-59.	2.8	38
72	Microbiological characterization of a newly established pig breed, Aachen Minipigs. <i>Xenotransplantation</i> , 2016, 23, 159-167.	2.8	21

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73	The immunosuppressive domain of the transmembrane envelope protein gp41 of HIV-1 binds to human monocytes and B cells. <i>Immunologic Research</i> , 2016, 64, 721-729.	2.9	4
74	Immunosuppressive properties of retroviruses. <i>European Journal of Immunology</i> , 2016, 46, 253-255.	2.9	5
75	Expression and function of endogenous retroviruses in the placenta. <i>Apmis</i> , 2016, 124, 31-43.	2.0	87
76	New PCR diagnostic systems for the detection and quantification of porcine cytomegalovirus (PCMV). <i>Archives of Virology</i> , 2016, 161, 1159-1168.	2.1	38
77	Recent Progress in Xenotransplantation, with Emphasis on Virological Safety. <i>Annals of Transplantation</i> , 2016, 21, 717-727.	0.9	56
78	Hepatic Failure After Pig Heart Transplantation Into a Baboon: No Involvement of Porcine Hepatitis E Virus. <i>Annals of Transplantation</i> , 2016, 21, 12-6.	0.9	6
79	Xenotransplantation and porcine cytomegalovirus. <i>Xenotransplantation</i> , 2015, 22, 329-335.	2.8	54
80	Improved split-ubiquitin screening technique to identify surface membrane protein-protein interactions. <i>BioTechniques</i> , 2015, 59, 63-73.	1.8	4
81	Induction of neutralizing antibodies specific for the envelope proteins of the koala retrovirus by immunization with recombinant proteins or with DNA. <i>Virology Journal</i> , 2015, 12, 68.	3.4	11
82	Virus safety of islet cell transplantation from transgenic pigs to marmosets. <i>Virus Research</i> , 2015, 204, 95-102.	2.2	15
83	Elimination of porcine endogenous retroviruses from pig cells. <i>Xenotransplantation</i> , 2015, 22, 411-412.	2.8	14
84	Lack of antiviral antibody response in koalas infected with koala retroviruses (KoRV). <i>Virus Research</i> , 2015, 198, 30-34.	2.2	26
85	Tolerance and immune response to the porcine endogenous retrovirus in German landrace pigs immunised with viral proteins. <i>Virus Research</i> , 2015, 208, 39-43.	2.2	3
86	Xenotransplantation of islet cells: what can the non-human primate model bring for the evaluation of efficacy and safety?. <i>Xenotransplantation</i> , 2015, 22, 231-235.	2.8	9
87	Xenotransplantation and Hepatitis E virus. <i>Xenotransplantation</i> , 2015, 22, 167-173.	2.8	50
88	Porcine endogenous retrovirus infection of human peripheral blood mononuclear cells. <i>Xenotransplantation</i> , 2015, 22, 151-152.	2.8	24
89	Preventing transfer of infectious agents. <i>International Journal of Surgery</i> , 2015, 23, 306-311.	2.7	38
90	Cytotoxic Effects during Knock Out of Multiple Porcine Endogenous Retrovirus (PERV) Sequences in the Pig Genome by Zinc Finger Nucleases (ZFN). <i>PLoS ONE</i> , 2015, 10, e0122059.	2.5	33

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91	Extended Microbiological Characterization of Göttingen Minipigs in the Context of Xenotransplantation: Detection and Vertical Transmission of Hepatitis E Virus. PLoS ONE, 2015, 10, e0139893.	2.5	41
92	Microbiological safety of the first clinical pig islet xenotransplantation trial in New Zealand. Xenotransplantation, 2014, 21, 309-323.	2.8	190
93	The transmembrane proteins contribute to immunodeficiencies induced by HIV-1 and other retroviruses. Aids, 2014, 28, 1081-1090.	2.2	33
94	Novel neutralising antibodies targeting the N-terminal helical region of the transmembrane envelope protein p15E of the porcine endogenous retrovirus (PERV). Immunologic Research, 2014, 58, 9-19.	2.9	21
95	Lack of antibody response in pigs immunized with the transmembrane envelope protein of porcine endogenous retroviruses. Journal of General Virology, 2014, 95, 1827-1831.	2.9	7
96	Investigation of membrane protein-protein interactions using correlative FRET-PLA. BioTechniques, 2014, 57, 188-198.	1.8	20
97	Screening pigs for xenotransplantation: prevalence and expression of porcine endogenous retroviruses in Göttingen minipigs. Xenotransplantation, 2013, 20, 148-156.	2.8	41
98	Koala retroviruses: characterization and impact on the life of koalas. Retrovirology, 2013, 10, 108.	2.0	83
99	Improved pig donor screening including newly identified variants of porcine endogenous retrovirus-C (PERV-C). Archives of Virology, 2013, 158, 341-348.	2.1	25
100	Immunising with the transmembrane envelope proteins of different retroviruses including HIV-1. Human Vaccines and Immunotherapeutics, 2013, 9, 462-470.	3.3	18
101	Neutralization of porcine endogenous retrovirus by antibodies against the membrane-proximal external region of the transmembrane envelope protein. Journal of General Virology, 2013, 94, 643-651.	2.9	21
102	Modulation of Cytokine Release and Gene Expression by the Immunosuppressive Domain of gp41 of HIV-1. PLoS ONE, 2013, 8, e55199.	2.5	48
103	The Transmembrane Protein of the Human Endogenous Retrovirus - K (HERV-K) Modulates Cytokine Release and Gene Expression. PLoS ONE, 2013, 8, e70399.	2.5	76
104	Expression of porcine endogenous retroviruses (PERV) in different organs of a pig. Virology, 2012, 433, 329-336.	2.4	59
105	Single mutations in the transmembrane envelope protein abrogate the immunosuppressive property of HIV-1. Retrovirology, 2012, 9, 67.	2.0	30
106	Increased titers of neutralizing antibodies after immunization with both envelope proteins of the porcine endogenous retroviruses (PERVs). Virology Journal, 2012, 9, 260.	3.4	32
107	Infection Barriers to Successful Xenotransplantation Focusing on Porcine Endogenous Retroviruses. Clinical Microbiology Reviews, 2012, 25, 318-343.	13.6	175
108	Long-term effects of PERV-specific RNA interference in transgenic pigs. Xenotransplantation, 2012, 19, 112-121.	2.8	47

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109	Development of sensitive methods for detection of porcine endogenous retrovirus-C (PERV-C) in the genome of pigs. <i>Journal of Virological Methods</i> , 2011, 175, 60-65.	2.1	41
110	Generation of neutralising antibodies against porcine endogenous retroviruses (PERVs). <i>Virology</i> , 2011, 411, 78-86.	2.4	55
111	Immunization with the transmembrane protein of a retrovirus, feline leukemia virus: Absence of antigenemia following challenge. <i>Antiviral Research</i> , 2011, 89, 119-123.	4.1	22
112	Increased Neutralizing Antibody Response after Simultaneous Immunization with Leucogen and the Feline Leukemia Virus Transmembrane Protein. <i>Intervirology</i> , 2011, 54, 78-86.	2.8	26
113	Characterisation of a human cell-adapted porcine endogenous retrovirus PERV-A/C. <i>Annals of Transplantation</i> , 2010, 15, 45-54.	0.9	44
114	No in vivo infection of triple immunosuppressed non-human primates after inoculation with high titers of porcine endogenous retroviruses*. <i>Xenotransplantation</i> , 2009, 16, 34-44.	2.8	34
115	Distribution and expression of porcine endogenous retroviruses in multi-transgenic pigs generated for xenotransplantation. <i>Xenotransplantation</i> , 2009, 16, 64-73.	2.8	79
116	Chapter 5: Strategies to prevent transmission of porcine endogenous retroviruses. <i>Xenotransplantation</i> , 2009, 16, 239-248.	2.8	86
117	Recombinant porcine endogenous retroviruses (PERV-A/C): a new risk for xenotransplantation?. <i>Archives of Virology</i> , 2008, 153, 1421-1426.	2.1	93
118	Absence of transmission of potentially xenotic viruses in a prospective pig to primate islet xenotransplantation study. <i>Journal of Medical Virology</i> , 2008, 80, 2046-2052.	5.0	71
119	Knockdown of porcine endogenous retrovirus (PERV) expression by PERV-specific shRNA in transgenic pigs. <i>Xenotransplantation</i> , 2008, 15, 36-45.	2.8	156
120	No transmission of porcine endogenous retroviruses (PERVs) in a long-term pig to rat xenotransplantation model and no infection of immunosuppressed rats. <i>Annals of Transplantation</i> , 2008, 13, 20-31.	0.9	12
121	Expression of porcine endogenous retroviruses (PERVs) in melanomas of Munich miniature swine (MMS) Troll. <i>Veterinary Microbiology</i> , 2007, 123, 53-68.	1.9	44
122	Transspecies transmissions of retroviruses: New cases. <i>Virology</i> , 2007, 369, 229-233.	2.4	38
123	Antibodies neutralizing feline leukaemia virus (FeLV) in cats immunized with the transmembrane envelope protein p15E. <i>Immunology</i> , 2006, 117, 229-237.	4.4	38
124	Transspecies Transmission of the Endogenous Koala Retrovirus. <i>Journal of Virology</i> , 2006, 80, 5651-5654.	3.4	103
125	Expression of Human Endogenous Retrovirus K in Melanomas and Melanoma Cell Lines. <i>Cancer Research</i> , 2005, 65, 4172-4180.	0.9	208
126	Porcine Endogenous Retroviruses PERV-A and PERV-B Infect neither Mouse Cells in vitro nor SCID Mice in vivo. <i>Intervirology</i> , 2005, 48, 167-173.	2.8	21



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127	Inhibition of porcine endogenous retroviruses by RNA interference: increasing the safety of xenotransplantation. <i>Virology</i> , 2004, 325, 18-23.	2.4	71
128	Neutralizing antibodies against conserved domains of p15E of porcine endogenous retroviruses: basis for a vaccine for xenotransplantation?. <i>Virology</i> , 2003, 307, 406-413.	2.4	97
129	Genetic alterations of the long terminal repeat of an ecotropic porcine endogenous retrovirus during passage in human cells. <i>Virology</i> , 2003, 314, 125-133.	2.4	95
130	Porcine endogenous retroviruses: no infection in patients treated with a bioreactor based on porcine liver cells. <i>Journal of Clinical Virology</i> , 2003, 28, 141-154.	3.1	88
131	Differences in Release and Determination of Subtype of Porcine Endogenous Retroviruses Produced by Stimulated Normal Pig Blood Cells. <i>Intervirolgy</i> , 2003, 46, 17-24.	2.8	68
132	Absence of PERV specific humoral immune response in baboons after transplantation of porcine cells or organs. <i>Transplant International</i> , 2002, 15, 361-368.	1.6	24
133	Absence of PERV specific humoral immune response in baboons after transplantation of porcine cells or organs. <i>Transplant International</i> , 2002, 15, 361-8.	1.6	8
134	Porcine endogenous retroviruses (PERVs): Generation of specific antibodies, development of an immunoperoxidase assay (IPA) and inhibition by AZT. <i>Xenotransplantation</i> , 2001, 8, 310-316.	2.8	41
135	Sensitive and specific immunological detection methods for porcine endogenous retroviruses applicable to experimental and clinical xenotransplantation. <i>Xenotransplantation</i> , 2001, 8, 125-135.	2.8	73
136	Porcine endogenous retroviruses: in vitro host range and attempts to establish small animal models. <i>Journal of General Virology</i> , 2001, 82, 837-844.	2.9	76
137	Porcine Endogenous Retroviruses Inhibit Human Immune Cell Function: Risk for Xenotransplantation?. <i>Virology</i> , 2000, 268, 87-93.	2.4	88
138	Immunosuppression by Retroviruses: Implications for Xenotransplantation. <i>Annals of the New York Academy of Sciences</i> , 1998, 862, 75-86.	3.8	75
139	The Immunosuppressive Peptide of HIV-1 Inhibits T and B Lymphocyte Stimulation. <i>Journal of Acquired Immune Deficiency Syndromes</i> , 1996, 12, 442-450.	0.3	22
140	The immunosuppressive peptide of HIV-1. <i>Aids</i> , 1994, 8, 1063-1072.	2.2	78