

Edward P Rybicki

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

195
papers

7,668
citations

47
h-index

79
g-index

215
ext. papers

8,860
ext. citations

6.7
avg, IF

6.39
L-index

#	Paper	IF	Citations
195	Eroding norms over release of self-spreading viruses.. <i>Science</i> , 2022 , 375, 31-33	33.3	0
194	Plant expression systems as an economical alternative for the production of iELISA coating antigen AHSV VP7.. <i>New Biotechnology</i> , 2022 , 68, 48-56	6.4	0
193	Self-spreading vaccines: Base policy on evidence-Response.. <i>Science</i> , 2022 , 375, 1363	33.3	
192	Integrating plant molecular farming and materials research for next-generation vaccines.. <i>Nature Reviews Materials</i> , 2021 , 1-17	73.3	6
191	Investigating Constraints Along the Plant Secretory Pathway to Improve Production of a SARS-CoV-2 Spike Vaccine Candidate.. <i>Frontiers in Plant Science</i> , 2021 , 12, 798822	6.2	0
190	Humoral and cell-mediated immune responses to plant-produced African horse sickness virus VP7 quasi-crystals. <i>Virus Research</i> , 2021 , 294, 198284	6.4	0
189	Site-Specific Glycosylation of Recombinant Viral Glycoproteins Produced in. <i>Frontiers in Plant Science</i> , 2021 , 12, 709344	6.2	3
188	A Plant-Produced Virus-Like Particle Displaying Envelope Protein Domain III Elicits an Immune Response Against West Nile Virus in Mice. <i>Frontiers in Plant Science</i> , 2021 , 12, 738619	6.2	2
187	Immunogenicity of Plant-Produced Human Papillomavirus (HPV) Virus-Like Particles (VLPs). <i>Vaccines</i> , 2020 , 8,	5.3	6
186	Co-expression of human calreticulin significantly improves the production of HIV gp140 and other viral glycoproteins in plants. <i>Plant Biotechnology Journal</i> , 2020 , 18, 2109	11.6	23
185	Immunogenicity of HIV-1 Vaccines Expressing Chimeric Envelope Glycoproteins on the Surface of Pr55 Gag Virus-Like Particles. <i>Vaccines</i> , 2020 , 8,	5.3	3
184	Engineering the Plant Secretory Pathway for the Production of Next-Generation Pharmaceuticals. <i>Trends in Biotechnology</i> , 2020 , 38, 1034-1044	15.1	21
183	Transient protein expression in tobacco BY-2 plant cell packs using single and multi-cassette replicating vectors. <i>Plant Cell Reports</i> , 2020 , 39, 1115-1127	5.1	6
182	Characterization and Immunogenicity of HIV Envelope gp140 Zera Tagged Antigens. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 321	5.8	1
181	Extended Set of GoldenBraid Compatible Vectors for Fast Assembly of Multigenic Constructs and Their Use to Create Geminiviral Expression Vectors. <i>Frontiers in Plant Science</i> , 2020 , 11, 522059	6.2	2
180	Symptom evolution following the emergence of maize streak virus. <i>ELife</i> , 2020 , 9,	8.9	9
179	Prospects for SARS-CoV-2 diagnostics, therapeutics and vaccines in Africa. <i>Nature Reviews Microbiology</i> , 2020 , 18, 690-704	22.2	23

178	A Roadmap for the Molecular Farming of Viral Glycoprotein Vaccines: Engineering Glycosylation and Glycosylation-Directed Folding. <i>Frontiers in Plant Science</i> , 2020 , 11, 609207	6.2	6
177	Plant molecular farming of virus-like nanoparticles as vaccines and reagents. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2020 , 12, e1587	9.2	38
176	Production and Immunogenicity of Soluble Plant-Produced HIV-1 Subtype C Envelope gp140 Immunogens. <i>Frontiers in Plant Science</i> , 2019 , 10, 1378	6.2	18
175	African Horse Sickness: A Review of Current Understanding and Vaccine Development. <i>Viruses</i> , 2019 , 11,	6.2	20
174	Use of a Novel Enhanced DNA Vaccine Vector for Preclinical Virus Vaccine Investigation. <i>Vaccines</i> , 2019 , 7,	5.3	4
173	CRISPR-Cas9 strikes out in cassava. <i>Nature Biotechnology</i> , 2019 , 37, 727-728	44.5	9
172	Immunogenicity of plant-produced porcine circovirus-like particles in mice. <i>Plant Biotechnology Journal</i> , 2019 , 17, 1751-1759	11.6	6
171	Substitution of Human Papillomavirus Type 16 L2 Neutralizing Epitopes Into L1 Surface Loops: The Effect on Virus-Like Particle Assembly and Immunogenicity. <i>Frontiers in Plant Science</i> , 2019 , 10, 779	6.2	16
170	Prime-Boost Immunizations with DNA, Modified Vaccinia Virus Ankara, and Protein-Based Vaccines Elicit Robust HIV-1 Tier 2 Neutralizing Antibodies against the CAP256 Superinfecting Virus. <i>Journal of Virology</i> , 2019 , 93,	6.6	15
169	Chimaeric Rift Valley Fever Virus-Like Particle Vaccine Candidate Production in <i>Nicotiana benthamiana</i> . <i>Biotechnology Journal</i> , 2019 , 14, e1800238	5.6	8
168	Characterization of the hypersensitive response-like cell death phenomenon induced by targeting antiviral lectin griffithsin to the secretory pathway. <i>Plant Biotechnology Journal</i> , 2018 , 16, 1811-1821	11.6	8
167	Therapeutic vaccines for high-risk HPV-associated diseases. <i>Papillomavirus Research (Amsterdam, Netherlands)</i> , 2018 , 5, 46-58	4.6	97
166	Immunogenicity of plant-produced African horse sickness virus-like particles: implications for a novel vaccine. <i>Plant Biotechnology Journal</i> , 2018 , 16, 442-450	11.6	15
165	LALF -E7, a HPV-16 therapeutic vaccine candidate, forms protein body-like structures when expressed in <i>Nicotiana benthamiana</i> leaves. <i>Plant Biotechnology Journal</i> , 2018 , 16, 628-637	11.6	8
164	Distinct Oceanic Microbiomes From Viruses to Protists Located Near the Antarctic Circumpolar Current. <i>Frontiers in Microbiology</i> , 2018 , 9, 1474	5.7	16
163	Transient expression of heat- and acid-resistant foot-and-mouth disease virus P1-2A mutants in <i>Nicotiana benthamiana</i> . <i>Virus Research</i> , 2018 , 256, 45-49	6.4	3
162	Production of complex viral glycoproteins in plants as vaccine immunogens. <i>Plant Biotechnology Journal</i> , 2018 , 16, 1531	11.6	45
161	Novel expression of immunogenic foot-and-mouth disease virus-like particles in <i>Nicotiana benthamiana</i> . <i>Virus Research</i> , 2018 , 244, 213-217	6.4	20

160	The adjuvant AlhydroGel elicits higher antibody titres than AddaVax when combined with HIV-1 subtype C gp140 from CAP256. <i>PLoS ONE</i> , 2018 , 13, e0208310	3.7	10
159	Expression of Rift Valley fever virus N-protein in <i>Nicotiana benthamiana</i> for use as a diagnostic antigen. <i>BMC Biotechnology</i> , 2018 , 18, 77	3.5	9
158	Minimally processed crude leaf extracts of containing recombinant foot and mouth disease virus-like particles are immunogenic in mice. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2018 , 20, e00283	5.3	9
157	Safety and immunogenicity of plant-produced African horse sickness virus-like particles in horses. <i>Veterinary Research</i> , 2018 , 49, 105	3.8	18
156	Optimizing a Human Papillomavirus Type 16 L1-Based Chimaeric Gene for Expression in Plants. <i>Frontiers in Bioengineering and Biotechnology</i> , 2018 , 6, 101	5.8	4
155	Transient Expression and Purification of Horseradish Peroxidase C in <i>Nicotiana benthamiana</i> . <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	2
154	History and Promise of Plant-Made Vaccines for Animals 2018 , 1-22		4
153	Expression optimization of a cell membrane-penetrating human papillomavirus type 16 therapeutic vaccine candidate in <i>Nicotiana benthamiana</i> . <i>PLoS ONE</i> , 2017 , 12, e0183177	3.7	10
152	Recombinant expression of beak and feather disease virus capsid protein and assembly of virus-like particles in <i>Nicotiana benthamiana</i> . <i>Virology Journal</i> , 2017 , 14, 174	6.1	6
151	A Pelagic Microbiome (Viruses to Protists) from a Small Cup of Seawater. <i>Viruses</i> , 2017 , 9,	6.2	14
150	Plant-made vaccines and reagents for the One Health initiative. <i>Human Vaccines and Immunotherapeutics</i> , 2017 , 13, 2912-2917	4.4	28
149	Development of plant-produced protein body vaccine candidates for bluetongue virus. <i>BMC Biotechnology</i> , 2017 , 17, 47	3.5	6
148	Complete Genome Sequence of Papillomavirus Type 1, Isolated in Morocco. <i>Genome Announcements</i> , 2017 , 5,		1
147	Xenogenic rolling-circle replication of a synthetic beak and feather disease virus genomic clone in 293TT mammalian cells and <i>Nicotiana benthamiana</i> . <i>Journal of General Virology</i> , 2017 , 98, 2329-2338	4.9	5
146	Plant-produced Crimean-Congo haemorrhagic fever virus nucleoprotein for use in indirect ELISA. <i>Journal of Virological Methods</i> , 2016 , 236, 170-177	2.6	11
145	Production of Human papillomavirus pseudovirions in plants and their use in pseudovirion-based neutralisation assays in mammalian cells. <i>Scientific Reports</i> , 2016 , 6, 20431	4.9	13
144	Justification for the inclusion of Gag in HIV vaccine candidates. <i>Expert Review of Vaccines</i> , 2016 , 15, 585-598	3.8	20
143	Transient Bluetongue virus serotype 8 capsid protein expression in. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2016 , 9, 15-24	5.3	12

142	Complete Genome Sequences of Two Isolates of <i>Canis familiaris</i> Oral Papillomavirus from South Africa. <i>Genome Announcements</i> , 2016 , 4,		2
141	Beak and feather disease virus: correlation between viral load and clinical signs in wild Cape parrots (<i>Poicephalus robustus</i>) in South Africa. <i>Archives of Virology</i> , 2015 , 160, 339-44	2.6	8
140	Beak and feather disease viruses circulating in Cape parrots (<i>Poicephalus robustus</i>) in South Africa. <i>Archives of Virology</i> , 2015 , 160, 47-54	2.6	15
139	A Top Ten list for economically important plant viruses. <i>Archives of Virology</i> , 2015 , 160, 17-20	2.6	116
138	From plant virology to vaccinology: The road less travelled. <i>Human Vaccines and Immunotherapeutics</i> , 2015 , 11, 2517-21	4.4	1
137	Engineering and expression of a human rotavirus candidate vaccine in <i>Nicotiana benthamiana</i> . <i>Virology Journal</i> , 2015 , 12, 205	6.1	14
136	Production of H5N1 Influenza Virus Matrix Protein 2 Ectodomain Protein Bodies in Tobacco Plants and in Insect Cells as a Candidate Universal Influenza Vaccine. <i>Frontiers in Bioengineering and Biotechnology</i> , 2015 , 3, 197	5.8	18
135	Metagenomic analysis of the viral community in Namib Desert hypoliths. <i>Environmental Microbiology</i> , 2015 , 17, 480-95	5.2	68
134	Techno-economic analysis of horseradish peroxidase production using a transient expression system in <i>Nicotiana benthamiana</i> . <i>Applied Biochemistry and Biotechnology</i> , 2015 , 175, 841-54	3.2	41
133	Extensive recombination-induced disruption of genetic interactions is highly deleterious but can be partially reversed by small numbers of secondary recombination events. <i>Journal of Virology</i> , 2014 , 88, 7843-51	6.6	15
132	Plant-Based Vaccines as a Global Vaccination Approach: Current Perspectives 2014 , 265-280		5
131	Human papillomavirus (HPV) type 16 E7 protein bodies cause tumour regression in mice. <i>BMC Cancer</i> , 2014 , 14, 367	4.8	27
130	Plant-produced virus-like particle vaccines 2014 , 102-118		2
129	Inducible resistance to maize streak virus. <i>PLoS ONE</i> , 2014 , 9, e105932	3.7	11
128	Plant-based vaccines against viruses. <i>Virology Journal</i> , 2014 , 11, 205	6.1	104
127	The Use of African Indigenous Genes in the Development of Transgenic Maize Tolerant to Drought and Resistant to Maize Streak Virus. <i>Science Policy Reports</i> , 2014 , 135-155		2
126	Virus-derived ssDNA vectors for the expression of foreign proteins in plants. <i>Current Topics in Microbiology and Immunology</i> , 2014 , 375, 19-45	3.3	21
125	First Report of a Potyvirus Infecting <i>Albuca rautanenii</i> in the Namib Desert. <i>Plant Disease</i> , 2014 , 98, 1749i.5		2

124	Development of human papillomavirus chimaeric L1/L2 candidate vaccines. <i>Archives of Virology</i> , 2013 , 158, 2079-88	2.6	16
123	Realising the value of plant molecular pharming to benefit the poor in developing countries and emerging economies. <i>Plant Biotechnology Journal</i> , 2013 , 11, 1029-33	11.6	42
122	Immunogenic assessment of plant-produced human papillomavirus type 16 L1/L2 chimaeras. <i>Plant Biotechnology Journal</i> , 2013 , 11, 964-75	11.6	36
121	The use of transient expression systems for the rapid production of virus-like particles in plants. <i>Current Pharmaceutical Design</i> , 2013 , 19, 5564-73	3.3	43
120	Replication modes of Maize streak virus mutants lacking RepA or the RepA-pRBR interaction motif. <i>Virology</i> , 2013 , 442, 173-9	3.6	16
119	Expression in tobacco and purification of beak and feather disease virus capsid protein fused to elastin-like polypeptides. <i>Journal of Virological Methods</i> , 2013 , 191, 55-62	2.6	13
118	Virus-like particles produced in plants as potential vaccines. <i>Expert Review of Vaccines</i> , 2013 , 12, 211-24	5.2	74
117	A method for rapid production of heteromultimeric protein complexes in plants: assembly of protective bluetongue virus-like particles. <i>Plant Biotechnology Journal</i> , 2013 , 11, 839-46	11.6	89
116	Biodiversity: So much more than legs and leaves. <i>South African Journal of Science</i> , 2013 , 109, 1-9	1.3	8
115	Robust immunity to an auxotrophic Mycobacterium bovis BCG-VLP prime-boost HIV vaccine candidate in a nonhuman primate model. <i>Journal of Virology</i> , 2013 , 87, 5151-60	6.6	24
114	An H5N1 influenza DNA vaccine for South Africa. <i>South African Journal of Science</i> , 2013 , 109, 1-4	1.3	2
113	Developing country applications of molecular farming: case studies in South Africa and Argentina. <i>Current Pharmaceutical Design</i> , 2013 , 19, 5612-21	3.3	13
112	Plant-made therapeutics: an emerging platform in South Africa. <i>Biotechnology Advances</i> , 2012 , 30, 449-507.8	17.8	23
111	Setting up a platform for plant-based influenza virus vaccine production in South Africa. <i>BMC Biotechnology</i> , 2012 , 12, 14	3.5	31
110	Next-generation sequencing of cervical DNA detects human papillomavirus types not detected by commercial kits. <i>Virology Journal</i> , 2012 , 9, 164	6.1	55
109	Stability studies of HIV-1 Pr55gag virus-like particles made in insect cells after storage in various formulation media. <i>Virology Journal</i> , 2012 , 9, 210	6.1	23
108	Plant made anti-HIV microbicides--a field of opportunity. <i>Biotechnology Advances</i> , 2012 , 30, 1614-26	17.8	11
107	Adaptive evolution by recombination is not associated with increased mutation rates in Maize streak virus. <i>BMC Evolutionary Biology</i> , 2012 , 12, 252	3	5

106	South African HIV-1 vaccine candidates - the journey from the bench to clinical trials. <i>South African Medical Journal</i> , 2012 , 102, 452-5	1.5	9
105	Diversity of dicotyledenous-infecting geminiviruses and their associated DNA molecules in southern Africa, including the South-west Indian ocean islands. <i>Viruses</i> , 2012 , 4, 1753-91	6.2	43
104	Reconstructing the history of maize streak virus strain a dispersal to reveal diversification hot spots and its origin in southern Africa. <i>Journal of Virology</i> , 2011 , 85, 9623-36	6.6	52
103	Recombination hotspots and host susceptibility modulate the adaptive value of recombination during maize streak virus evolution. <i>BMC Evolutionary Biology</i> , 2011 , 11, 350	3	13
102	The porcine circovirus type 1 capsid gene promoter improves antigen expression and immunogenicity in a HIV-1 plasmid vaccine. <i>Virology Journal</i> , 2011 , 8, 51	6.1	13
101	Abrogation of contaminating RNA activity in HIV-1 Gag VLPs. <i>Virology Journal</i> , 2011 , 8, 462	6.1	16
100	A rep-based hairpin inhibits replication of diverse maize streak virus isolates in a transient assay. <i>Journal of General Virology</i> , 2011 , 92, 2458-2465	4.9	13
99	Vaccine farming in Cape Town. <i>Hum Vaccin</i> , 2011 , 7, 339-48		11
98	Prophylactic and therapeutic HPV vaccines from plants 2011 , 68-80		
97	Global genetic diversity and geographical and host-species distribution of beak and feather disease virus isolates. <i>Journal of General Virology</i> , 2011 , 92, 752-67	4.9	63
96	Maize streak virus: an old and complex & emerging & pathogen. <i>Molecular Plant Pathology</i> , 2010 , 11, 1-12	5.7	89
95	High level protein expression in plants through the use of a novel autonomously replicating geminivirus shuttle vector. <i>Plant Biotechnology Journal</i> , 2010 , 8, 38-46	11.6	107
94	Plant-made vaccines for humans and animals. <i>Plant Biotechnology Journal</i> , 2010 , 8, 620-37	11.6	215
93	Replicative intermediates of maize streak virus found during leaf development. <i>Journal of General Virology</i> , 2010 , 91, 1077-81	4.9	23
92	Human papillomavirus vaccines in plants. <i>Expert Review of Vaccines</i> , 2010 , 9, 913-24	5.2	40
91	A unique isolate of beak and feather disease virus isolated from budgerigars (<i>Melopsittacus undulatus</i>) in South Africa. <i>Archives of Virology</i> , 2010 , 155, 435-9	2.6	18
90	A proposal to change existing virus species names to non-Latinized binomials. <i>Archives of Virology</i> , 2010 , 155, 1909-19	2.6	24
89	Use of the piggyBac transposon to create HIV-1 gag transgenic insect cell lines for continuous VLP production. <i>BMC Biotechnology</i> , 2010 , 10, 30	3.5	17

88	HIV-1 sub-type C chimaeric VLPs boost cellular immune responses in mice. <i>Journal of Immune Based Therapies and Vaccines</i> , 2010 , 8, 7		7
87	Rapid host adaptation by extensive recombination. <i>Journal of General Virology</i> , 2009 , 90, 734-746	4.9	78
86	Dating the origins of the maize-adapted strain of maize streak virus, MSV-A. <i>Journal of General Virology</i> , 2009 , 90, 3066-3074	4.9	46
85	Human papillomavirus prevalence, viral load and pre-cancerous lesions of the cervix in women initiating highly active antiretroviral therapy in South Africa: a cross-sectional study. <i>BMC Cancer</i> , 2009 , 9, 275	4.8	40
84	Plant-produced vaccines: promise and reality. <i>Drug Discovery Today</i> , 2009 , 14, 16-24	8.8	152
83	Optimization of chimeric HIV-1 virus-like particle production in a baculovirus-insect cell expression system. <i>Biotechnology Progress</i> , 2009 , 25, 1153-60	2.8	35
82	Insights into the role and function of L2, the minor capsid protein of papillomaviruses. <i>Archives of Virology</i> , 2009 , 154, 187-97	2.6	34
81	A prime-boost immunisation regimen using recombinant BCG and Pr55(gag) virus-like particle vaccines based on HIV type 1 subtype C successfully elicits Gag-specific responses in baboons. <i>Vaccine</i> , 2009 , 27, 4857-66	4.1	26
80	Immunogenicity of an HPV-16 L2 DNA vaccine. <i>Vaccine</i> , 2009 , 27, 6432-4	4.1	18
79	Experimental evidence indicating that mastreviruses probably did not co-diverge with their hosts. <i>Virology Journal</i> , 2009 , 6, 104	6.1	47
78	Comparative analysis of Panicum streak virus and Maize streak virus diversity, recombination patterns and phylogeography. <i>Virology Journal</i> , 2009 , 6, 194	6.1	24
77	A highly divergent South African geminivirus species illuminates the ancient evolutionary history of this family. <i>Virology Journal</i> , 2009 , 6, 36	6.1	62
76	Third International Conference on Plant-Based Vaccines and Antibodies. <i>Expert Review of Vaccines</i> , 2009 , 8, 1151-5	5.2	33
75	A protocol for the rapid isolation of full geminivirus genomes from dried plant tissue. <i>Journal of Virological Methods</i> , 2008 , 149, 97-102	2.6	98
74	Experimental observations of rapid Maize streak virus evolution reveal a strand-specific nucleotide substitution bias. <i>Virology Journal</i> , 2008 , 5, 104	6.1	48
73	Viable chimaeric viruses confirm the biological importance of sequence specific maize streak virus movement protein and coat protein interactions. <i>Virology Journal</i> , 2008 , 5, 61	6.1	12
72	Therapeutic immunisation of rabbits with cottontail rabbit papillomavirus (CRPV) virus-like particles (VLP) induces regression of established papillomas. <i>Virology Journal</i> , 2008 , 5, 45	6.1	10
71	Chimaeric HIV-1 subtype C Gag molecules with large in-frame C-terminal polypeptide fusions form virus-like particles. <i>Virus Research</i> , 2008 , 133, 259-68	6.4	25

70	HIV-1 subtype C Pr55gag virus-like particle vaccine efficiently boosts baboons primed with a matched DNA vaccine. <i>Journal of General Virology</i> , 2008 , 89, 2214-2227	4.9	22
69	Panicum streak virus diversity is similar to that observed for maize streak virus. <i>Archives of Virology</i> , 2008 , 153, 601-4	2.6	22
68	An investigation into the use of human papillomavirus type 16 virus-like particles as a delivery vector system for foreign proteins: N- and C-terminal fusion of GFP to the L1 and L2 capsid proteins. <i>Archives of Virology</i> , 2008 , 153, 585-9	2.6	12
67	A new African streak virus species from Nigeria. <i>Archives of Virology</i> , 2008 , 153, 1407-10	2.6	12
66	Two dicot-infecting mastreviruses (family Geminiviridae) occur in Pakistan. <i>Archives of Virology</i> , 2008 , 153, 1441-51	2.6	44
65	Expression of HIV-1 antigens in plants as potential subunit vaccines. <i>BMC Biotechnology</i> , 2008 , 8, 53	3.5	76
64	First Report of Maize streak virus Field Infection of Sugarcane in South Africa. <i>Plant Disease</i> , 2008 , 92, 982	1.5	9
63	Recombination, decreased host specificity and increased mobility may have driven the emergence of maize streak virus as an agricultural pathogen. <i>Journal of General Virology</i> , 2008 , 89, 2063-2074	4.9	107
62	Optimization of human papillomavirus type 16 (HPV-16) L1 expression in plants: comparison of the suitability of different HPV-16 L1 gene variants and different cell-compartment localization. <i>Journal of General Virology</i> , 2007 , 88, 1460-1469	4.9	167
61	Expression of HPV-11 L1 protein in transgenic <i>Arabidopsis thaliana</i> and <i>Nicotiana tabacum</i> . <i>BMC Biotechnology</i> , 2007 , 7, 56	3.5	37
60	Maize streak virus-resistant transgenic maize: a first for Africa. <i>Plant Biotechnology Journal</i> , 2007 , 5, 759-766	4.7	50
59	The complete nucleotide sequence of a mild strain of Bean yellow dwarf virus. <i>Archives of Virology</i> , 2007 , 152, 1237-40	2.6	20
58	Genetic analysis of maize streak virus isolates from Uganda reveals widespread distribution of a recombinant variant. <i>Journal of General Virology</i> , 2007 , 88, 3154-3165	4.9	50
57	Inhibition of maize streak virus (MSV) replication by transient and transgenic expression of MSV replication-associated protein mutants. <i>Journal of General Virology</i> , 2007 , 88, 325-336	4.9	31
56	Identification of long intergenic region sequences involved in maize streak virus replication. <i>Journal of General Virology</i> , 2007 , 88, 1831-1841	4.9	15
55	The capsid protein of beak and feather disease virus binds to the viral DNA and is responsible for transporting the replication-associated protein into the nucleus. <i>Journal of Virology</i> , 2006 , 80, 7219-25	6.6	55
54	Evidence of ancient papillomavirus recombination. <i>Journal of General Virology</i> , 2006 , 87, 2527-2531	4.9	56
53	Plant-produced cottontail rabbit papillomavirus L1 protein protects against tumor challenge: a proof-of-concept study. <i>Vaccine Journal</i> , 2006 , 13, 845-53		46

52	Restoration of native folding of single-stranded DNA sequences through reverse mutations: an indication of a new epigenetic mechanism. <i>Archives of Biochemistry and Biophysics</i> , 2006 , 453, 108-22	4.1	20
51	Transient expression of Human papillomavirus type 16 L1 protein in <i>Nicotiana benthamiana</i> using an infectious tobamovirus vector. <i>Virus Research</i> , 2006 , 120, 91-6	6.4	52
50	A deletion and point mutation study of the human papillomavirus type 16 major capsid gene. <i>Virus Research</i> , 2006 , 122, 154-63	6.4	25
49	Douglas Livingstone's two cultures. <i>Current Writing</i> , 2006 , 18, 78-89	0.1	0
48	More men than women make mucosal IgA antibodies to Human papillomavirus type 16 (HPV-16) and HPV-18: a study of oral HPV and oral HPV antibodies in a normal healthy population. <i>BMC Infectious Diseases</i> , 2006 , 6, 95	4	25
47	Comparison of cervical and blood T-cell responses to human papillomavirus-16 in women with human papillomavirus-associated cervical intraepithelial neoplasia. <i>Immunology</i> , 2006 , 119, 507-14	7.8	26
46	Strategies for the prevention of cervical cancer by human papillomavirus vaccination. <i>Best Practice and Research in Clinical Obstetrics and Gynaecology</i> , 2005 , 19, 531-44	4.6	12
45	The evolutionary value of recombination is constrained by genome modularity. <i>PLoS Genetics</i> , 2005 , 1, e51	6	95
44	A three-nucleotide mutation altering the Maize streak virus Rep pRBR-interaction motif reduces symptom severity in maize and partially reverts at high frequency without restoring pRBR-Rep binding. <i>Journal of General Virology</i> , 2005 , 86, 803-813	4.9	46
43	Vaccination strategies for the prevention of cervical cancer. <i>Expert Review of Anticancer Therapy</i> , 2005 , 5, 97-107	3.5	13
42	Evidence of unique genotypes of beak and feather disease virus in southern Africa. <i>Journal of Virology</i> , 2004 , 78, 9277-84	6.6	77
41	Human immunodeficiency virus type 1 subtype C Gag virus-like particle boost substantially improves the immune response to a subtype C gag DNA vaccine in mice. <i>Journal of General Virology</i> , 2004 , 85, 409-413	4.9	31
40	Expression of Human papillomavirus type 16 major capsid protein in transgenic <i>Nicotiana tabacum</i> cv. Xanthi. <i>Archives of Virology</i> , 2003 , 148, 1771-86	2.6	71
39	Chimeric human papillomavirus type 16 (HPV-16) L1 particles presenting the common neutralizing epitope for the L2 minor capsid protein of HPV-6 and HPV-16. <i>Journal of Virology</i> , 2003 , 77, 8386-93	6.6	68
38	Oral immunogenicity of human papillomavirus-like particles expressed in potato. <i>Journal of Virology</i> , 2003 , 77, 8702-11	6.6	138
37	Investigation of Maize streak virus pathogenicity determinants using chimaeric genomes. <i>Virology</i> , 2002 , 300, 180-8	3.6	25
36	Human papillomavirus (HPV) infection in Southern Africa: prevalence, immunity, and vaccine prospects. <i>IUBMB Life</i> , 2002 , 53, 253-8	4.7	23
35	Analysis of the diversity of African streak mastreviruses using PCR-generated RFLPs and partial sequence data. <i>Journal of Virological Methods</i> , 2001 , 93, 75-87	2.6	36

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33	Complete nucleotide sequence and host range of South African cassava mosaic virus: further evidence for recombination amongst begomoviruses. <i>Journal of General Virology</i> , 2001 , 82, 53-58	4.9	75
32	Forced recombination between distinct strains of Maize streak virus. <i>Journal of General Virology</i> , 2001 , 82, 3081-3090	4.9	36
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28	Generation of maize cell lines containing autonomously replicating maize streak virus-based gene vectors. <i>Archives of Virology</i> , 1999 , 144, 1345-60	2.6	32
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25	Molecular characterisation of a distinct South African cassava infecting geminivirus. <i>Archives of Virology</i> , 1998 , 143, 2253-60	2.6	35
24	Geminivirus isolation and DNA extraction. <i>Methods in Molecular Biology</i> , 1998 , 81, 41-52	1.4	14
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14	Cloning, sequencing, and expression in <i>Escherichia coli</i> of the coat protein gene of a new potyvirus infection South African Passiflora. <i>Archives of Virology</i> , 1993 , 128, 29-41	2.6	27
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