

# Stephan Becker

## 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.

189  
papers

17,531  
citations

62  
h-index

130  
g-index

201  
ext. papers

20,867  
ext. citations

9.8  
avg, IF

6.41  
L-index

#	Paper	IF	Citations
189	Structural insight into Marburg virus nucleoprotein-RNA complex formation.. <i>Nature Communications</i> , <b>2022</b> , 13, 1191	17.4	1
188	No substantial pre-existing B cell immunity against SARS-CoV-2 in healthy adults.. <i>IScience</i> , <b>2022</b> , 1039516.1	16.1	1
187	Identification and characterization of short leader and trailer RNAs synthesized by the Ebola virus RNA polymerase. <i>PLoS Pathogens</i> , <b>2021</b> , 17, e1010002	7.6	0
186	The sphingosine kinase 1 activator, K6PC-5, attenuates Ebola virus infection. <i>IScience</i> , <b>2021</b> , 24, 102266	6.1	3
185	Immunogenicity and efficacy of the COVID-19 candidate vector vaccine MVA-SARS-2-S in preclinical vaccination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2021</b> , 118,	11.5	27
184	Longitudinal antibody and T cell responses in Ebola virus disease survivors and contacts: an observational cohort study. <i>Lancet Infectious Diseases</i> , <b>2021</b> , 21, 507-516	25.5	13
183	RNA secondary structure at the transcription start site influences EBOV transcription initiation and replication in a length- and stability-dependent manner. <i>RNA Biology</i> , <b>2021</b> , 18, 523-536	4.8	4
182	Development and characterization of an indirect ELISA to detect SARS-CoV-2 spike protein-specific antibodies. <i>Journal of Immunological Methods</i> , <b>2021</b> , 490, 112958	2.5	5
181	Intranasal Administration of a Monoclonal Neutralizing Antibody Protects Mice against SARS-CoV-2 Infection. <i>Viruses</i> , <b>2021</b> , 13,	6.2	14
180	Non-canonical proline-tyrosine interactions with multiple host proteins regulate Ebola virus infection. <i>EMBO Journal</i> , <b>2021</b> , 40, e105658	13	4
179	Multi-level inhibition of coronavirus replication by chemical ER stress. <i>Nature Communications</i> , <b>2021</b> , 12, 5536	17.4	19
178	Epitopes of Naturally Acquired and Vaccine-Induced Anti-Ebola Virus Glycoprotein Antibodies in Single Amino Acid Resolution. <i>Biotechnology Journal</i> , <b>2020</b> , 15, e2000069	5.6	5
177	Humoral and cellular immune response induced by rVSVΔG-ZEBOV-GP vaccine among frontline workers during the 2013-2016 West Africa Ebola outbreak in Guinea. <i>Vaccine</i> , <b>2020</b> , 38, 4877-4884	4.1	6
176	Hexamer phasing governs transcription initiation in the 3' leader of Ebola virus. <i>Rna</i> , <b>2020</b> , 26, 439-453	5.8	5
175	Crystal structure of SARS-CoV-2 main protease provides a basis for design of improved Etketoamide inhibitors. <i>Science</i> , <b>2020</b> , 368, 409-412	33.3	1636
174	Cyclophilin inhibitors restrict Middle East respiratory syndrome coronavirus interferon- $\lambda$ in mice. <i>European Respiratory Journal</i> , <b>2020</b> , 56,	13.6	9
173	Serine-Arginine Protein Kinase 1 Regulates Ebola Virus Transcription. <i>MBio</i> , <b>2020</b> , 11,	7.8	12

172	Safety and immunogenicity of a candidate Middle East respiratory syndrome coronavirus viral-vectored vaccine: a dose-escalation, open-label, non-randomised, uncontrolled, phase 1 trial. <i>Lancet Infectious Diseases, The</i> , <b>2020</b> , 20, 816-826	25.5	120
171	Safety and immunogenicity of a modified vaccinia virus Ankara vector vaccine candidate for Middle East respiratory syndrome: an open-label, phase 1 trial. <i>Lancet Infectious Diseases, The</i> , <b>2020</b> , 20, 827-838	25.5	74
170	Ebola and Marburg virus matrix layers are locally ordered assemblies of VP40 dimers. <i>ELife</i> , <b>2020</b> , 9,	8.9	9
169	Postexposure Prophylaxis With rVSV-ZEBOV Following Exposure to a Patient With Ebola Virus Disease Relapse in the United Kingdom: An Operational, Safety, and Immunogenicity Report. <i>Clinical Infectious Diseases</i> , <b>2020</b> , 71, 2872-2879	11.6	6
168	Longitudinal Isolation of Potent Near-Germline SARS-CoV-2-Neutralizing Antibodies from COVID-19 Patients. <i>Cell</i> , <b>2020</b> , 182, 843-854.e12	56.2	185
167	Safety and immunogenicity of the ChAdOx1 nCoV-19 vaccine against SARS-CoV-2: a preliminary report of a phase 1/2, single-blind, randomised controlled trial. <i>Lancet, The</i> , <b>2020</b> , 396, 467-478	40	1274
166	Adjuvant formulated virus-like particles expressing native-like forms of the Lassa virus envelope surface glycoprotein are immunogenic and induce antibodies with broadly neutralizing activity. <i>Npj Vaccines</i> , <b>2020</b> , 5, 71	9.5	7
165	Randomized, Blinded, Dose-Ranging Trial of an Ebola Virus Glycoprotein Nanoparticle Vaccine With Matrix-M Adjuvant in Healthy Adults. <i>Journal of Infectious Diseases</i> , <b>2020</b> , 222, 572-582	7	17
164	The Integrity of the YxxL Motif of Ebola Virus VP24 Is Important for the Transport of Nucleocapsid-Like Structures and for the Regulation of Viral RNA Synthesis. <i>Journal of Virology</i> , <b>2020</b> , 94,	6.6	3
163	Regulation of VP30-Dependent Transcription by RNA Sequence and Structure in the Genomic Ebola Virus Promoter. <i>Journal of Virology</i> , <b>2020</b> ,	6.6	1
162	Marburg virus regulates the IRE1/XBP1-dependent unfolded protein response to ensure efficient viral replication. <i>Emerging Microbes and Infections</i> , <b>2019</b> , 8, 1300-1313	18.9	8
161	Anti-Niemann Pick C1 Single-Stranded Oligonucleotides with Locked Nucleic Acids Potently Reduce Ebola Virus Infection In Vitro. <i>Molecular Therapy - Nucleic Acids</i> , <b>2019</b> , 16, 686-697	10.7	7
160	Characterization of the Filovirus-Resistant Cell Line SH-SY5Y Reveals Redundant Role of Cell Surface Entry Factors. <i>Viruses</i> , <b>2019</b> , 11,	6.2	6
159	Polyclonal and convergent antibody response to Ebola virus vaccine rVSV-ZEBOV. <i>Nature Medicine</i> , <b>2019</b> , 25, 1589-1600	50.5	52
158	Humoral Immunogenicity and Efficacy of a Single Dose of ChAdOx1 MERS Vaccine Candidate in Dromedary Camels. <i>Scientific Reports</i> , <b>2019</b> , 9, 16292	4.9	49
157	A live-cell imaging system for visualizing the transport of Marburg virus nucleocapsid-like structures. <i>Virology Journal</i> , <b>2019</b> , 16, 159	6.1	1
156	Tetherin Inhibits Nipah Virus but Not Ebola Virus Replication in Fruit Bat Cells. <i>Journal of Virology</i> , <b>2019</b> , 93,	6.6	14
155	Detectable Vesicular Stomatitis Virus (VSV)-Specific Humoral and Cellular Immune Responses Following VSV-Ebola Virus Vaccination in Humans. <i>Journal of Infectious Diseases</i> , <b>2019</b> , 219, 556-561	7	16

154	Development and characterization of DNAzyme candidates demonstrating significant efficiency against human rhinoviruses. <i>Journal of Allergy and Clinical Immunology</i> , <b>2019</b> , 143, 1403-1415	11.5	16
153	Determinants of antibody persistence across doses and continents after single-dose rVSV-ZEBOV vaccination for Ebola virus disease: an observational cohort study. <i>Lancet Infectious Diseases</i> , <b>2018</b> , 18, 738-748	25.5	42
152	The molecular tweezer CLR01 inhibits Ebola and Zika virus infection. <i>Antiviral Research</i> , <b>2018</b> , 152, 26-35	10.8	24
151	Ebola virus proteins NP, VP35, and VP24 are essential and sufficient to mediate nucleocapsid transport. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 1075-1080	11.5	26
150	The Ebola Virus Nucleoprotein Recruits the Host PP2A-B56 Phosphatase to Activate Transcriptional Support Activity of VP30. <i>Molecular Cell</i> , <b>2018</b> , 69, 136-145.e6	17.6	51
149	Analysis of the multifunctionality of Marburg virus VP40. <i>Journal of General Virology</i> , <b>2018</b> , 99, 1614-1620	4.9	6
148	FP217MARBURG VIRUS & ACUTE KIDNEY INJURY. <i>Nephrology Dialysis Transplantation</i> , <b>2018</b> , 33, i104-i104	4.3	1
147	Generation of therapeutic antisera for emerging viral infections. <i>Npj Vaccines</i> , <b>2018</b> , 3, 42	9.5	8
146	A Fluorescently Labeled Marburg Virus Glycoprotein as a New Tool to Study Viral Transport and Assembly. <i>Journal of Infectious Diseases</i> , <b>2018</b> , 218, S318-S326	7	7
145	A Polymorphism within the Internal Fusion Loop of the Ebola Virus Glycoprotein Modulates Host Cell Entry. <i>Journal of Virology</i> , <b>2017</b> , 91,	6.6	28
144	Dose-dependent T-cell Dynamics and Cytokine Cascade Following rVSV-ZEBOV Immunization. <i>EBioMedicine</i> , <b>2017</b> , 19, 107-118	8.8	45
143	ChAdOx1 and MVA based vaccine candidates against MERS-CoV elicit neutralising antibodies and cellular immune responses in mice. <i>Vaccine</i> , <b>2017</b> , 35, 3780-3788	4.1	111
142	Inside the Cell: Assembly of Filoviruses. <i>Current Topics in Microbiology and Immunology</i> , <b>2017</b> , 411, 353-380	3.9	13
141	Virucidal Activity of World Health Organization-Recommended Formulations Against Enveloped Viruses, Including Zika, Ebola, and Emerging Coronaviruses. <i>Journal of Infectious Diseases</i> , <b>2017</b> , 215, 902-906	7	110
140	Spectrum of pathogen- and model-specific histopathologies in mouse models of acute pneumonia. <i>PLoS ONE</i> , <b>2017</b> , 12, e0188251	3.7	29
139	Safety and immunogenicity of rVSV-ZEBOV-GP Ebola vaccine in adults and children in Lambaré, Gabon: A phase I randomised trial. <i>PLoS Medicine</i> , <b>2017</b> , 14, e1002402	11.6	46
138	From hybridomas to a robust microalgal-based production platform: molecular design of a diatom secreting monoclonal antibodies directed against the Marburg virus nucleoprotein. <i>Microbial Cell Factories</i> , <b>2017</b> , 16, 131	6.4	28
137	Comprehensive Characterization of Cellular Immune Responses Following Ebola Virus Infection. <i>Journal of Infectious Diseases</i> , <b>2017</b> , 215, 287-292	7	29

136	Systems Vaccinology Identifies an Early Innate Immune Signature as a Correlate of Antibody Responses to the Ebola Vaccine rVSV-ZEBOV. <i>Cell Reports</i> , <b>2017</b> , 20, 2251-2261	10.6	67
135	Dynamic phosphorylation of Ebola virus VP30 in NP-induced inclusion bodies. <i>Virology</i> , <b>2017</b> , 512, 39-47	3.6	17
134	Structure and assembly of the Ebola virus nucleocapsid. <i>Nature</i> , <b>2017</b> , 551, 394-397	50.4	114
133	Favipiravir and Ribavirin Treatment of Epidemiologically Linked Cases of Lassa Fever. <i>Clinical Infectious Diseases</i> , <b>2017</b> , 65, 855-859	11.6	70
132	The natural compound silvestrol is a potent inhibitor of Ebola virus replication. <i>Antiviral Research</i> , <b>2017</b> , 137, 76-81	10.8	59
131	Functional Characterization of Adaptive Mutations during the West African Ebola Virus Outbreak. <i>Journal of Virology</i> , <b>2017</b> , 91,	6.6	43
130	External quality assessment study for ebolavirus PCR-diagnostic promotes international preparedness during the 2014 - 2016 Ebola outbreak in West Africa. <i>PLoS Neglected Tropical Diseases</i> , <b>2017</b> , 11, e0005570	4.8	10
129	Live-Cell Imaging of Filoviruses. <i>Methods in Molecular Biology</i> , <b>2017</b> , 1628, 195-202	1.4	
128	Phase 1 Trials of rVSV Ebola Vaccine in Africa and Europe. <i>New England Journal of Medicine</i> , <b>2016</b> , 374, 1647-60	59.2	282
127	RNA Binding of Ebola Virus VP30 Is Essential for Activating Viral Transcription. <i>Journal of Virology</i> , <b>2016</b> , 90, 7481-7496	6.6	35
126	RNA binding specificity of Ebola virus transcription factor VP30. <i>RNA Biology</i> , <b>2016</b> , 13, 783-98	4.8	23
125	A Monovalent Chimpanzee Adenovirus Ebola Vaccine Boosted with MVA. <i>New England Journal of Medicine</i> , <b>2016</b> , 374, 1635-46	59.2	232
124	Dynamic Phosphorylation of VP30 Is Essential for Ebola Virus Life Cycle. <i>Journal of Virology</i> , <b>2016</b> , 90, 4914-4925	6.6	43
123	A Single Amino Acid Change in the Marburg Virus Matrix Protein VP40 Provides a Replicative Advantage in a Species-Specific Manner. <i>Journal of Virology</i> , <b>2016</b> , 90, 1444-54	6.6	13
122	Development of an antibody capture ELISA using inactivated Ebola Zaire Makona virus. <i>Medical Microbiology and Immunology</i> , <b>2016</b> , 205, 173-83	4	27
121	Acute Ebola virus disease patient treatment and health-related quality of life in health care professionals: A controlled study. <i>Journal of Psychosomatic Research</i> , <b>2016</b> , 83, 69-74	4.1	33
120	The New World arenavirus Tacaribe virus induces caspase-dependent apoptosis in infected cells. <i>Journal of General Virology</i> , <b>2016</b> , 97, 855-866	4.9	7
119	An active site mutation increases the polymerase activity of the guinea pig-lethal Marburg virus. <i>Journal of General Virology</i> , <b>2016</b> , 97, 2494-2500	4.9	5

118	Genome Sequence of Lassa Virus Isolated from the First Domestically Acquired Case in Germany. <i>Genome Announcements</i> , <b>2016</b> , 4,		14
117	Complete Genome Sequence of an Ebola Virus Isolate Imported from Sierra Leone to Germany Determined by Circle Sequencing. <i>Genome Announcements</i> , <b>2016</b> , 4,		1
116	Differential transcriptional responses to Ebola and Marburg virus infection in bat and human cells. <i>Scientific Reports</i> , <b>2016</b> , 6, 34589	4.9	30
115	Suramin is a potent inhibitor of Chikungunya and Ebola virus cell entry. <i>Virology Journal</i> , <b>2016</b> , 13, 149	6.1	47
114	Investigating the zoonotic origin of the West African Ebola epidemic. <i>EMBO Molecular Medicine</i> , <b>2015</b> , 7, 17-23	12	252
113	The effect of dose on the safety and immunogenicity of the VSV Ebola candidate vaccine: a randomised double-blind, placebo-controlled phase 1/2 trial. <i>Lancet Infectious Diseases</i> , <b>2015</b> , 15, 1156-1166	25.5	202
112	Temporal and spatial analysis of the 2014-2015 Ebola virus outbreak in West Africa. <i>Nature</i> , <b>2015</b> , 524, 97-101	50.4	229
111	VACCINES. Ebola virus vaccines--preparing for the unexpected. <i>Science</i> , <b>2015</b> , 349, 693-4	33.3	4
110	Analysis of Ebola Virus Entry Into Macrophages. <i>Journal of Infectious Diseases</i> , <b>2015</b> , 212 Suppl 2, S247-57		38
109	Transport of Ebolavirus Nucleocapsids Is Dependent on Actin Polymerization: Live-Cell Imaging Analysis of Ebolavirus-Infected Cells. <i>Journal of Infectious Diseases</i> , <b>2015</b> , 212 Suppl 2, S160-6	7	39
108	A Highly Immunogenic and Protective Middle East Respiratory Syndrome Coronavirus Vaccine Based on a Recombinant Measles Virus Vaccine Platform. <i>Journal of Virology</i> , <b>2015</b> , 89, 11654-67	6.6	91
107	Management of Microbiological Samples in a Confirmed Case of Ebola Virus Disease: Constraints and Limitations. <i>Journal of Clinical Microbiology</i> , <b>2015</b> , 53, 3396-400	9.7	4
106	Field Evaluation of Capillary Blood Samples as a Collection Specimen for the Rapid Diagnosis of Ebola Virus Infection During an Outbreak Emergency. <i>Clinical Infectious Diseases</i> , <b>2015</b> , 61, 669-75	11.6	26
105	Nipah Virus Matrix Protein Influences Fusogenicity and Is Essential for Particle Infectivity and Stability. <i>Journal of Virology</i> , <b>2015</b> , 90, 2514-22	6.6	24
104	Marburg biosafety and biosecurity scale (MBBS): a framework for risk assessment and risk communication. <i>Health Security</i> , <b>2015</b> , 13, 88-95	2.1	6
103	Marburg virus inclusions: A virus-induced microcompartment and interface to multivesicular bodies and the late endosomal compartment. <i>European Journal of Cell Biology</i> , <b>2015</b> , 94, 323-31	6.1	34
102	Protective Efficacy of Recombinant Modified Vaccinia Virus Ankara Delivering Middle East Respiratory Syndrome Coronavirus Spike Glycoprotein. <i>Journal of Virology</i> , <b>2015</b> , 89, 8651-6	6.6	123
101	Severe Ebola virus disease with vascular leakage and multiorgan failure: treatment of a patient in intensive care. <i>Lancet</i> , <b>2015</b> , 385, 1428-35	40	147

100	High secretion of interferons by human plasmacytoid dendritic cells upon recognition of Middle East respiratory syndrome coronavirus. <i>Journal of Virology</i> , <b>2015</b> , 89, 3859-69	6.6	84
99	Ebola and Marburg haemorrhagic fever. <i>Journal of Clinical Virology</i> , <b>2015</b> , 64, 111-9	14.5	94
98	The clinically approved drugs amiodarone, dronedarone and verapamil inhibit filovirus cell entry. <i>Journal of Antimicrobial Chemotherapy</i> , <b>2014</b> , 69, 2123-31	5.1	140
97	Virus nomenclature below the species level: a standardized nomenclature for filovirus strains and variants rescued from cDNA. <i>Archives of Virology</i> , <b>2014</b> , 159, 1229-37	2.6	52
96	Filovirus RefSeq entries: evaluation and selection of filovirus type variants, type sequences, and names. <i>Viruses</i> , <b>2014</b> , 6, 3663-82	6.2	44
95	Interaction with Tsg101 is necessary for the efficient transport and release of nucleocapsids in marburg virus-infected cells. <i>PLoS Pathogens</i> , <b>2014</b> , 10, e1004463	7.6	30
94	Analysis of determinants in filovirus glycoproteins required for tetherin antagonism. <i>Viruses</i> , <b>2014</b> , 6, 1654-71	6.2	20
93	Extracorporeal virus elimination for the treatment of severe Ebola virus disease--first experience with lectin affinity plasmapheresis. <i>Blood Purification</i> , <b>2014</b> , 38, 286-91	3.1	31
92	Multiple Subviral Particle in Fluorescence Microscopy Sequences. <i>Informatik Aktuell</i> , <b>2014</b> , 330-335	0.3	
91	Middle East respiratory syndrome coronavirus spike protein delivered by modified vaccinia virus Ankara efficiently induces virus-neutralizing antibodies. <i>Journal of Virology</i> , <b>2013</b> , 87, 11950-4	6.6	111
90	Live-cell imaging of Marburg virus-infected cells uncovers actin-dependent transport of nucleocapsids over long distances. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 14402-7	11.5	65
89	Assembly of the Marburg virus envelope. <i>Cellular Microbiology</i> , <b>2013</b> , 15, 270-84	3.9	21
88	Influenza virus budding from the tips of cellular microvilli in differentiated human airway epithelial cells. <i>Journal of General Virology</i> , <b>2013</b> , 94, 971-976	4.9	18
87	Cleavage of the Junin virus nucleoprotein serves a decoy function to inhibit the induction of apoptosis during infection. <i>Journal of Virology</i> , <b>2013</b> , 87, 224-33	6.6	19
86	Human cell tropism and innate immune system interactions of human respiratory coronavirus EMC compared to those of severe acute respiratory syndrome coronavirus. <i>Journal of Virology</i> , <b>2013</b> , 87, 5300-4	6.6	115
85	Profile and persistence of the virus-specific neutralizing humoral immune response in human survivors of Sudan ebolavirus (Gulu). <i>Journal of Infectious Diseases</i> , <b>2013</b> , 208, 299-309	7	42
84	Phosphorylation of Ebola virus VP30 influences the composition of the viral nucleocapsid complex: impact on viral transcription and replication. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 11165-74	5.4	71
83	Inclusion bodies are a site of ebolavirus replication. <i>Journal of Virology</i> , <b>2012</b> , 86, 11779-88	6.6	128

82	Structural dissection of Ebola virus and its assembly determinants using cryo-electron tomography. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 4275-80	11.5	157
81	Phosphorylation of Marburg virus matrix protein VP40 triggers assembly of nucleocapsids with the viral envelope at the plasma membrane. <i>Cellular Microbiology</i> , <b>2012</b> , 14, 182-97	3.9	30
80	The Ebola virus glycoprotein contributes to but is not sufficient for virulence in vivo. <i>PLoS Pathogens</i> , <b>2012</b> , 8, e1002847	7.6	74
79	Profiling the native specific human humoral immune response to Sudan Ebola virus strain Gulu by chemiluminescence enzyme-linked immunosorbent assay. <i>Vaccine Journal</i> , <b>2012</b> , 19, 1844-52		23
78	Filoviruses: Ebola, Marburg and Disease <b>2011</b> ,		2
77	Genus-specific recruitment of filovirus ribonucleoprotein complexes into budding particles. <i>Journal of General Virology</i> , <b>2011</b> , 92, 2900-2905	4.9	18
76	Management of accidental exposure to Ebola virus in the biosafety level 4 laboratory, Hamburg, Germany. <i>Journal of Infectious Diseases</i> , <b>2011</b> , 204 Suppl 3, S785-90	7	109
75	The cytoplasmic domain of Marburg virus GP modulates early steps of viral infection. <i>Journal of Virology</i> , <b>2011</b> , 85, 8188-96	6.6	13
74	Phosphorylation of Marburg virus NP region II modulates viral RNA synthesis. <i>Journal of Infectious Diseases</i> , <b>2011</b> , 204 Suppl 3, S927-33	7	14
73	Tacaribe virus but not junin virus infection induces cytokine release from primary human monocytes and macrophages. <i>PLoS Neglected Tropical Diseases</i> , <b>2011</b> , 5, e1137	4.8	44
72	The importance of the NP: VP35 ratio in Ebola virus nucleocapsid formation. <i>Journal of Infectious Diseases</i> , <b>2011</b> , 204 Suppl 3, S878-83	7	32
71	Ebola virus enters host cells by macropinocytosis and clathrin-mediated endocytosis. <i>Journal of Infectious Diseases</i> , <b>2011</b> , 204 Suppl 3, S957-67	7	176
70	Cryo-electron tomography of Marburg virus particles and their morphogenesis within infected cells. <i>PLoS Biology</i> , <b>2011</b> , 9, e1001196	9.7	95
69	Oligomerization of Ebola virus VP40 is essential for particle morphogenesis and regulation of viral transcription. <i>Journal of Virology</i> , <b>2010</b> , 84, 7053-63	6.6	93
68	Measles virus M protein-driven particle production does not involve the endosomal sorting complex required for transport (ESCRT) system. <i>Journal of General Virology</i> , <b>2010</b> , 91, 1464-72	4.9	21
67	Tsg101 is recruited by a late domain of the nucleocapsid protein to support budding of Marburg virus-like particles. <i>Journal of Virology</i> , <b>2010</b> , 84, 7847-56	6.6	59
66	Establishment and application of an infectious virus-like particle system for Marburg virus. <i>Journal of General Virology</i> , <b>2010</b> , 91, 1325-34	4.9	53
65	Electron tomography reveals the steps in filovirus budding. <i>PLoS Pathogens</i> , <b>2010</b> , 6, e1000875	7.6	47

64	Establishment of fruit bat cells ( <i>Rousettus aegyptiacus</i> ) as a model system for the investigation of filoviral infection. <i>PLoS Neglected Tropical Diseases</i> , <b>2010</b> , 4, e802	4.8	40
63	Efficient budding of the tacaribe virus matrix protein z requires the nucleoprotein. <i>Journal of Virology</i> , <b>2010</b> , 84, 3603-11	6.6	53
62	Proposal for a revised taxonomy of the family Filoviridae: classification, names of taxa and viruses, and virus abbreviations. <i>Archives of Virology</i> , <b>2010</b> , 155, 2083-103	2.6	343
61	Vacuolar protein sorting pathway contributes to the release of Marburg virus. <i>Journal of Virology</i> , <b>2009</b> , 83, 2327-37	6.6	38
60	Studies on membrane topology, N-glycosylation and functionality of SARS-CoV membrane protein. <i>Virology Journal</i> , <b>2009</b> , 6, 79	6.1	42
59	Role of Ebola virus VP30 in transcription reinitiation. <i>Journal of Virology</i> , <b>2008</b> , 82, 12569-73	6.6	66
58	Filoviruses: Interactions with the host cell. <i>Cellular and Molecular Life Sciences</i> , <b>2008</b> , 65, 756-76	10.3	68
57	Budding of Marburgvirus is associated with filopodia. <i>Cellular Microbiology</i> , <b>2007</b> , 9, 939-51	3.9	65
56	Diagnostic reverse-transcription polymerase chain reaction kit for filoviruses based on the strain collections of all European biosafety level 4 laboratories. <i>Journal of Infectious Diseases</i> , <b>2007</b> , 196 Suppl 2, S199-204	7	56
55	Development of an immunofiltration-based antigen-detection assay for rapid diagnosis of Ebola virus infection. <i>Journal of Infectious Diseases</i> , <b>2007</b> , 196 Suppl 2, S184-92	7	30
54	Crystal structure of the C-terminal domain of Ebola virus VP30 reveals a role in transcription and nucleocapsid association. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 624-9	11.5	71
53	In vitro evaluation of antisense RNA efficacy against filovirus infection, by use of reverse genetics. <i>Journal of Infectious Diseases</i> , <b>2007</b> , 196 Suppl 2, S382-9	7	13
52	Role of the transmembrane domain of marburg virus surface protein GP in assembly of the viral envelope. <i>Journal of Virology</i> , <b>2007</b> , 81, 3942-8	6.6	34
51	Analysis of the interaction of Ebola virus glycoprotein with DC-SIGN (dendritic cell-specific intercellular adhesion molecule 3-grabbing nonintegrin) and its homologue DC-SIGNR. <i>Journal of Infectious Diseases</i> , <b>2007</b> , 196 Suppl 2, S237-46	7	63
50	Basolateral budding of Marburg virus: VP40 retargets viral glycoprotein GP to the basolateral surface. <i>Journal of Infectious Diseases</i> , <b>2007</b> , 196 Suppl 2, S232-6	7	41
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3	Inhibiting coronavirus replication in cultured cells by chemical ER stress		3
2	Filoviruses: Ebola, Marburg and Disease1-13		
1	Immunogenicity and efficacy of the COVID-19 candidate vector vaccine MVA SARS 2 S in preclinical vaccination6		