

Jonathan K Ball

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.

113
papers

4,202
citations

33
h-index

62
g-index

126
ext. papers

4,857
ext. citations

7.4
avg, IF

4.94
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 113 | The HCV Envelope Glycoprotein Down-Modulates NF-B Signalling and Associates With Stimulation of the Host Endoplasmic Reticulum Stress Pathway.. <i>Frontiers in Immunology</i> , 2022 , 13, 831695 | 8.4 | |
| 112 | An Antigenically Diverse, Representative Panel of Envelope Glycoproteins for Hepatitis C Virus Vaccine Development. <i>Gastroenterology</i> , 2021 , | 13.3 | 2 |
| 111 | Real-World Outcomes of DAA Treatment and Retreatment in UK-based Patients Infected with HCV Genotypes/Subtypes Endemic in Africa. <i>Journal of Infectious Diseases</i> , 2021 , | 7 | 2 |
| 110 | Students' Views towards Sars-Cov-2 Mass Asymptomatic Testing, Social Distancing and Self-Isolation in a University Setting during the COVID-19 Pandemic: A Qualitative Study. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18, | 4.6 | 16 |
| 109 | Retrospective screening of routine respiratory samples revealed undetected community transmission and missed intervention opportunities for SARS-CoV-2 in the United Kingdom. <i>Journal of General Virology</i> , 2021 , 102, | 4.9 | 6 |
| 108 | Immunogenicity of a new gorilla adenovirus vaccine candidate for COVID-19. <i>Molecular Therapy</i> , 2021 , 29, 2412-2423 | 11.7 | 17 |
| 107 | Two doses of the SARS-CoV-2 BNT162b2 vaccine enhance antibody responses to variants in individuals with prior SARS-CoV-2 infection. <i>Science Translational Medicine</i> , 2021 , 13, eabj0847 | 17.5 | 16 |
| 106 | The impact of real-time whole genome sequencing in controlling healthcare-associated SARS-CoV-2 outbreaks. <i>Journal of Infectious Diseases</i> , 2021 , | 7 | 4 |
| 105 | Challenges on the development of a pseudotyping assay for Zika glycoproteins. <i>Journal of Medical Microbiology</i> , 2021 , 70, | 3.2 | 1 |
| 104 | Hepatitis C Virus Vaccine: Challenges and Prospects. <i>Vaccines</i> , 2020 , 8, | 5.3 | 24 |
| 103 | Retrieval of the Complete Coding Sequence of the UK-Endemic Tatenale Orthohantavirus Reveals Extensive Strain Variation and Supports Its Classification as a Novel Species. <i>Viruses</i> , 2020 , 12, | 6.2 | 3 |
| 102 | SARS-CoV-2 proteins (version 2020.2) in the IUPHAR/BPS Guide to Pharmacology Database. <i>IUPHAR/BPS Guide To Pharmacology CITE</i> , 2020 , 2020, | 1.7 | 2 |
| 101 | Discovery of Novel Coronaviruses in Rodents. <i>Methods in Molecular Biology</i> , 2020 , 2203, 33-40 | 1.4 | 1 |
| 100 | Role of HVR1 sequence similarity in the cross-genotypic neutralization of HCV. <i>Virology Journal</i> , 2020 , 17, 140 | 6.1 | 1 |
| 99 | All Surfaces Are Not Equal in Contact Transmission of SARS-CoV-2. <i>Matter</i> , 2020 , 3, 1433-1441 | 12.7 | 24 |
| 98 | A bivalent HCV peptide vaccine elicits pan-genotypic neutralizing antibodies in mice. <i>Vaccine</i> , 2020 , 38, 6864-6867 | 4.1 | 3 |
| 97 | A next generation vaccine against human rabies based on a single dose of a chimpanzee adenovirus vector serotype C. <i>PLoS Neglected Tropical Diseases</i> , 2020 , 14, e0008459 | 4.8 | 7 |

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|----|--|------|----|
| 96 | Polymer microarrays rapidly identify competitive adsorbents of virus-like particles. <i>Biointerphases</i> , 2020 , 15, 061005 | 1.8 | 2 |
| 95 | 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> , 2020 , 5, 71 | 9.5 | 7 |
| 94 | Structure-Based Design of Hepatitis C Virus E2 Glycoprotein Improves Serum Binding and Cross-Neutralization. <i>Journal of Virology</i> , 2020 , 94, | 6.6 | 9 |
| 93 | Interferon-Induced Transmembrane Proteins Mediate Viral Evasion in Acute and Chronic Hepatitis C Virus Infection. <i>Hepatology</i> , 2019 , 70, 1506-1520 | 11.2 | 11 |
| 92 | Cross-genotype AR3-specific neutralizing antibodies confer long-term protection in injecting drug users after HCV clearance. <i>Journal of Hepatology</i> , 2019 , 71, 14-24 | 13.4 | 12 |
| 91 | Elevated serum activity of MBL and ficolin-2 as biomarkers for progression to hepatocellular carcinoma in chronic HCV infection. <i>Virology</i> , 2019 , 530, 99-106 | 3.6 | 5 |
| 90 | Discovery and Prevalence of Divergent RNA Viruses in European Field Voles and Rabbits. <i>Viruses</i> , 2019 , 12, | 6.2 | 2 |
| 89 | Cloning and Analysis of Authentic Patient-Derived HCV E1/E2 Glycoproteins. <i>Methods in Molecular Biology</i> , 2019 , 1911, 275-294 | 1.4 | 3 |
| 88 | Standardized Method for the Study of Antibody Neutralization of HCV Pseudoparticles (HCVpp). <i>Methods in Molecular Biology</i> , 2019 , 1911, 441-450 | 1.4 | 12 |
| 87 | InFusion Cloning for the Generation of Biologically Relevant HCV Chimeric Molecular Clones. <i>Methods in Molecular Biology</i> , 2019 , 1911, 93-104 | 1.4 | 1 |
| 86 | Expression of human ficolin-2 in hepatocytes confers resistance to infection by diverse hepatotropic viruses. <i>Journal of Medical Microbiology</i> , 2019 , 68, 642-648 | 3.2 | 1 |
| 85 | Shared Common Ancestry of Rodent Alphacoronaviruses Sampled Globally. <i>Viruses</i> , 2019 , 11, | 6.2 | 16 |
| 84 | Identification of Infectious Agents in High-Throughput Sequencing Data Sets Is Easily Achievable Using Free, Cloud-Based Bioinformatics Platforms. <i>Journal of Clinical Microbiology</i> , 2019 , 57, | 9.7 | 3 |
| 83 | Antigenicity and Immunogenicity of Differentially Glycosylated Hepatitis C Virus E2 Envelope Proteins Expressed in Mammalian and Insect Cells. <i>Journal of Virology</i> , 2019 , 93, | 6.6 | 32 |
| 82 | Development and characterization of a human monoclonal antibody targeting the N-terminal region of hepatitis C virus envelope glycoprotein E1. <i>Virology</i> , 2018 , 514, 30-41 | 3.6 | 4 |
| 81 | Trichodysplasia Spinulosa Polyomavirus in Respiratory Tract of Immunocompromised Child. <i>Emerging Infectious Diseases</i> , 2018 , 24, 1744-1746 | 10.2 | 3 |
| 80 | Immunization with a synthetic consensus hepatitis C virus E2 glycoprotein ectodomain elicits virus-neutralizing antibodies. <i>Antiviral Research</i> , 2018 , 160, 25-37 | 10.8 | 4 |
| 79 | Genome-to-genome analysis highlights the effect of the human innate and adaptive immune systems on the hepatitis C virus. <i>Nature Genetics</i> , 2017 , 49, 666-673 | 36.3 | 81 |

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|----|--|------|-----|
| 78 | A novel neutralizing human monoclonal antibody broadly abrogates hepatitis C virus infection in vitro and in vivo. <i>Antiviral Research</i> , 2017 , 148, 53-64 | 10.8 | 12 |
| 77 | Targeting a host-cell entry factor barricades antiviral-resistant HCV variants from on-therapy breakthrough in human-liver mice. <i>Gut</i> , 2016 , 65, 2029-2034 | 19.2 | 16 |
| 76 | Broad neutralization of hepatitis C virus-resistant variants by Civacir hepatitis C immunoglobulin. <i>Hepatology</i> , 2016 , 64, 1495-1506 | 11.2 | 7 |
| 75 | Human Adaptation of Ebola Virus during the West African Outbreak. <i>Cell</i> , 2016 , 167, 1079-1087.e5 | 56.2 | 134 |
| 74 | Novel human anti-claudin 1 mAbs inhibit hepatitis C virus infection and may synergize with anti-SRB1 mAb. <i>Journal of General Virology</i> , 2016 , 97, 82-94 | 4.9 | 14 |
| 73 | Flexible and rapid construction of viral chimeras applied to hepatitis C virus. <i>Journal of General Virology</i> , 2016 , 97, 2187-2193 | 4.9 | 11 |
| 72 | Novel functional hepatitis C virus glycoprotein isolates identified using an optimized viral pseudotype entry assay. <i>Journal of General Virology</i> , 2016 , 97, 2265-2279 | 4.9 | 30 |
| 71 | Discovery of Novel Alphacoronaviruses in European Rodents and Shrews. <i>Viruses</i> , 2016 , 8, 84 | 6.2 | 32 |
| 70 | Hepatitis C virus quasispecies and pseudotype analysis from acute infection to chronicity in HIV-1 co-infected individuals. <i>Virology</i> , 2016 , 492, 213-24 | 3.6 | 3 |
| 69 | Non-ionic detergents facilitate non-specific binding of M13 bacteriophage to polystyrene surfaces. <i>Journal of Virological Methods</i> , 2015 , 221, 1-8 | 2.6 | 7 |
| 68 | Structural flexibility of a conserved antigenic region in hepatitis C virus glycoprotein E2 recognized by broadly neutralizing antibodies. <i>Journal of Virology</i> , 2015 , 89, 2170-81 | 6.6 | 62 |
| 67 | A Diverse Panel of Hepatitis C Virus Glycoproteins for Use in Vaccine Research Reveals Extremes of Monoclonal Antibody Neutralization Resistance. <i>Journal of Virology</i> , 2015 , 90, 3288-301 | 6.6 | 47 |
| 66 | Cholesterol conjugation potentiates the antiviral activity of an HIV immunoadhesin. <i>Journal of Peptide Science</i> , 2015 , 21, 743-9 | 2.1 | 3 |
| 65 | An ancestral host defence peptide within human Edefensin 3 recapitulates the antibacterial and antiviral activity of the full-length molecule. <i>Scientific Reports</i> , 2015 , 5, 18450 | 4.9 | 30 |
| 64 | The past, present and future of neutralizing antibodies for hepatitis C virus. <i>Antiviral Research</i> , 2014 , 105, 100-11 | 10.8 | 95 |
| 63 | Development of a high-throughput pyrosequencing assay for monitoring temporal evolution and resistance associated variant emergence in the Hepatitis C virus protease coding-region. <i>Antiviral Research</i> , 2014 , 110, 52-9 | 10.8 | 10 |
| 62 | B-cell receptors expressed by lymphomas of hepatitis C virus (HCV)-infected patients rarely react with the viral proteins. <i>Blood</i> , 2014 , 123, 1512-5 | 2.2 | 34 |
| 61 | Recombinant human L-ficolin directly neutralizes hepatitis C virus entry. <i>Journal of Innate Immunity</i> , 2014 , 6, 676-84 | 6.9 | 25 |

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| 60 | Analysis of serine codon conservation reveals diverse phenotypic constraints on hepatitis C virus glycoprotein evolution. <i>Journal of Virology</i> , 2014 , 88, 667-78 | 6.6 | 2 |
| 59 | Dramatic potentiation of the antiviral activity of HIV antibodies by cholesterol conjugation. <i>Journal of Biological Chemistry</i> , 2014 , 289, 35015-28 | 5.4 | 12 |
| 58 | Use of short tandem repeat fingerprinting to validate sample origins in hepatitis C virus molecular epidemiology studies. <i>Journal of General Virology</i> , 2014 , 95, 66-70 | 4.9 | 2 |
| 57 | HIV-1 co-receptor expression and epithelial immune cells of the cervix in asymptomatic women attending a genitourinary medicine clinic. <i>HIV Medicine</i> , 2013 , 14, 108-14 | 2.7 | 5 |
| 56 | An alpaca nanobody inhibits hepatitis C virus entry and cell-to-cell transmission. <i>Hepatology</i> , 2013 , 58, 932-9 | 11.2 | 56 |
| 55 | The role of neutralizing antibodies in hepatitis C virus infection. <i>Journal of General Virology</i> , 2012 , 93, 1-19 | 4.9 | 51 |
| 54 | The role of humoral innate immunity in hepatitis C virus infection. <i>Viruses</i> , 2012 , 4, 1-27 | 6.2 | 32 |
| 53 | Hepatitis C virus envelope glycoprotein fitness defines virus population composition following transmission to a new host. <i>Journal of Virology</i> , 2012 , 86, 11956-66 | 6.6 | 30 |
| 52 | Naturally occurring antibodies that recognize linear epitopes in the amino terminus of the hepatitis C virus E2 protein confer noninterfering, additive neutralization. <i>Journal of Virology</i> , 2012 , 86, 2739-49 | 6.6 | 48 |
| 51 | Hepatitis C patient-derived glycoproteins exhibit marked differences in susceptibility to serum neutralizing antibodies: genetic subtype defines antigenic but not neutralization serotype. <i>Journal of Virology</i> , 2011 , 85, 4246-57 | 6.6 | 46 |
| 50 | A conserved determinant in the V1 loop of HIV-1 modulates the V3 loop to prime low CD4 use and macrophage infection. <i>Journal of Virology</i> , 2011 , 85, 2397-405 | 6.6 | 46 |
| 49 | A case of hepatitis C virus transmission acquired through sharing a haemodialysis machine. <i>CKJ: Clinical Kidney Journal</i> , 2011 , 4, 32-5 | 4.5 | 4 |
| 48 | Identification of new functional regions in hepatitis C virus envelope glycoprotein E2. <i>Journal of Virology</i> , 2011 , 85, 1777-92 | 6.6 | 62 |
| 47 | Neutralizing monoclonal antibodies against hepatitis C virus E2 protein bind discontinuous epitopes and inhibit infection at a postattachment step. <i>Journal of Virology</i> , 2011 , 85, 7005-19 | 6.6 | 102 |
| 46 | Intercompartmental recombination of HIV-1 contributes to env intrahost diversity and modulates viral tropism and sensitivity to entry inhibitors. <i>Journal of Virology</i> , 2011 , 85, 6024-37 | 6.6 | 44 |
| 45 | Role of scavenger receptor class B type I in hepatitis C virus entry: kinetics and molecular determinants. <i>Journal of Virology</i> , 2010 , 84, 34-43 | 6.6 | 121 |
| 44 | Variation in the biological properties of HIV-1 R5 envelopes: implications of envelope structure, transmission and pathogenesis. <i>Future Virology</i> , 2010 , 5, 435-451 | 2.4 | 19 |
| 43 | Specific interaction of hepatitis C virus glycoproteins with mannan binding lectin inhibits virus entry. <i>Protein and Cell</i> , 2010 , 1, 664-74 | 7.2 | 48 |

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| 42 | Hepatitis C virus (HCV) infection may elicit neutralizing antibodies targeting epitopes conserved in all viral genotypes. <i>PLoS ONE</i> , 2009 , 4, e8254 | 3.7 | 56 |
| 41 | Broadly neutralizing antibodies protect against hepatitis C virus quasispecies challenge. <i>Nature Medicine</i> , 2008 , 14, 25-7 | 50.5 | 466 |
| 40 | Association of antibodies to hepatitis C virus glycoproteins 1 and 2 (anti-E1E2) with HCV disease. <i>Journal of Viral Hepatitis</i> , 2008 , 15, 339-45 | 3.4 | 5 |
| 39 | Variation in HIV-1 R5 macrophage-tropism correlates with sensitivity to reagents that block envelope: CD4 interactions but not with sensitivity to other entry inhibitors. <i>Retrovirology</i> , 2008 , 5, 5 | 3.6 | 69 |
| 38 | Identification of a broadly cross-reacting and neutralizing human monoclonal antibody directed against the hepatitis C virus E2 protein. <i>Journal of Virology</i> , 2008 , 82, 1047-52 | 6.6 | 110 |
| 37 | Definition of a conserved immunodominant domain on hepatitis C virus E2 glycoprotein by neutralizing human monoclonal antibodies. <i>Journal of Virology</i> , 2008 , 82, 6061-6 | 6.6 | 99 |
| 36 | Broadly neutralizing human monoclonal antibodies to the hepatitis C virus E2 glycoprotein. <i>Journal of General Virology</i> , 2008 , 89, 653-659 | 4.9 | 121 |
| 35 | Cloning, expression, and functional analysis of patient-derived hepatitis C virus glycoproteins. <i>Methods in Molecular Biology</i> , 2007 , 379, 177-97 | 1.4 | 24 |
| 34 | Human combinatorial libraries yield rare antibodies that broadly neutralize hepatitis C virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 16269-74 | 11.5 | 115 |
| 33 | Determination of the human antibody response to the epitope defined by the hepatitis C virus-neutralizing monoclonal antibody AP33. <i>Journal of General Virology</i> , 2007 , 88, 2991-3001 | 4.9 | 56 |
| 32 | Cross-genotype characterization of genetic diversity and molecular adaptation in hepatitis C virus envelope glycoprotein genes. <i>Journal of General Virology</i> , 2007 , 88, 458-469 | 4.9 | 23 |
| 31 | Severe fibrosis in hepatitis C virus-infected patients is associated with increased activity of the mannan-binding lectin (MBL)/MBL-associated serine protease 1 (MASP-1) complex. <i>Clinical and Experimental Immunology</i> , 2007 , 147, 90-8 | 6.2 | 32 |
| 30 | Characterization of the hepatitis C virus E2 epitope defined by the broadly neutralizing monoclonal antibody AP33. <i>Hepatology</i> , 2006 , 43, 592-601 | 11.2 | 132 |
| 29 | Non-macrophage-tropic human immunodeficiency virus type 1 R5 envelopes predominate in blood, lymph nodes, and semen: implications for transmission and pathogenesis. <i>Journal of Virology</i> , 2006 , 80, 6324-32 | 6.6 | 89 |
| 28 | Identification of conserved residues in the E2 envelope glycoprotein of the hepatitis C virus that are critical for CD81 binding. <i>Journal of Virology</i> , 2006 , 80, 8695-704 | 6.6 | 204 |
| 27 | HIV coreceptor and chemokine ligand gene expression in the male urethra and female cervix. <i>Aids</i> , 2005 , 19, 1257-65 | 3.5 | 16 |
| 26 | Tagged polymerase chain reaction subtractive hybridization for the enrichment of phage display random peptide libraries. <i>Analytical Biochemistry</i> , 2005 , 339, 61-8 | 3.1 | 1 |
| 25 | Characterization of host-range and cell entry properties of the major genotypes and subtypes of hepatitis C virus. <i>Hepatology</i> , 2005 , 41, 265-74 | 11.2 | 221 |

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|----|--|------|-----|
| 24 | Monoclonal antibody AP33 defines a broadly neutralizing epitope on the hepatitis C virus E2 envelope glycoprotein. <i>Journal of Virology</i> , 2005 , 79, 11095-104 | 6.6 | 234 |
| 23 | Analysis of the binding of hepatitis C virus genotype 1a and 1b E2 glycoproteins to peripheral blood mononuclear cell subsets. <i>Journal of General Virology</i> , 2005 , 86, 2507-2512 | 4.9 | 26 |
| 22 | Evolutionary dynamics of hepatitis C virus envelope genes during chronic infection. <i>Journal of General Virology</i> , 2005 , 86, 1931-1942 | 4.9 | 33 |
| 21 | Concordance between semen-derived HIV-1 proviral DNA and viral RNA hypervariable region 3 (V3) envelope sequences in cases where semen populations are distinct from those present in blood. <i>Journal of Medical Virology</i> , 2002 , 67, 9-19 | 19.7 | 21 |
| 20 | Evolutionary trends of the first hypervariable region of the hepatitis C virus E2 protein in individuals with differing liver disease severity. <i>Journal of General Virology</i> , 2002 , 83, 11-23 | 4.9 | 47 |
| 19 | Direct ex vivo comparison of the breadth and specificity of the T cells in the liver and peripheral blood of patients with chronic HCV infection. <i>European Journal of Immunology</i> , 2001 , 31, 2388-94 | 6.1 | 108 |
| 18 | Development of a strand-specific RT-PCR based assay to detect the replicative form of hepatitis C virus RNA. <i>Journal of Virological Methods</i> , 2001 , 94, 111-20 | 2.6 | 87 |
| 17 | A polymerase chain reaction method for the amplification of full-length envelope genes of HIV-1 from DNA samples containing single molecules of HIV-1 provirus. <i>Journal of Virological Methods</i> , 2000 , 88, 73-80 | 2.6 | 10 |
| 16 | Poor reduction of HIV-1 RNA titres in nucleoside reverse transcriptase inhibitor experienced patients treated with indinavir combination therapy. <i>Sexually Transmitted Infections</i> , 1999 , 75, 337-9 | 2.8 | 7 |
| 15 | HIV-1 in semen: determination of proviral and viral titres compared to blood, and quantification of semen leukocyte populations. <i>Journal of Medical Virology</i> , 1999 , 59, 356-63 | 19.7 | 23 |
| 14 | GBV-C/HGV coinfection in HIV-1-positive men: frequent detection of viral RNA in blood plasma but absence from seminal fluid plasma. <i>Journal of Medical Virology</i> , 1998 , 56, 321-6 | 19.7 | 10 |
| 13 | Dendritic cells cultured from mononuclear cells and CD34 cells in myeloma do not harbour human herpesvirus 8. <i>British Journal of Haematology</i> , 1998 , 100, 793-6 | 4.5 | 27 |
| 12 | Semen characteristics in HIV-1 positive men and the effect of semen washing. <i>Sexually Transmitted Infections</i> , 1997 , 73, 303-5 | 2.8 | 11 |
| 11 | Production of single-stranded DNA using a uracil-N-glycosylase-mediated asymmetric polymerase chain reaction method. <i>Analytical Biochemistry</i> , 1997 , 253, 264-7 | 3.1 | 8 |
| 10 | Detection of HIV-1 by digoxigenin-labelled PCR and microtitre plate solution hybridisation assay and prevention of PCR carry-over by uracil-N-glycosylase. <i>Journal of Virological Methods</i> , 1993 , 44, 67-76 | 2.6 | 12 |
| 9 | The use of uracil-N-glycosylase in the preparation of PCR products for direct sequencing. <i>Nucleic Acids Research</i> , 1992 , 20, 3255 | 20.1 | 5 |
| 8 | A modified alkaline phosphatase enzyme amplification system and its application in an HIV antigen ELISA. <i>Journal of Virological Methods</i> , 1992 , 37, 149-53 | 2.6 | 8 |
| 7 | Incorporation of single-stranded DNA binding protein early in polymerase chain reaction product sequencing reactions prevents enzyme pausing. <i>Analytical Biochemistry</i> , 1992 , 207, 349-51 | 3.1 | 11 |

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|---|---|------|----|
| 6 | Characterisation of a series of human immunodeficiency virus isolates derived sequentially from a single patient. <i>Journal of Medical Virology</i> , 1991 , 34, 104-13 | 19.7 | 11 |
| 5 | Long-lasting viability of HIV after patient's death. <i>Lancet, The</i> , 1991 , 338, 63 | 40 | 16 |
| 4 | Retrospective screening of routine respiratory samples revealed undetected community transmission and missed intervention opportunities for SARS-CoV-2 in the United Kingdom | | 2 |
| 3 | Potent anti-SARS-CoV-2 Antibody Responses are Associated with Better Prognosis in Hospital Inpatient COVID-19 Disease | | 1 |
| 2 | Immunogenicity of a new gorilla adenovirus vaccine candidate for COVID-19 | | 3 |
| 1 | Retrieval of the Complete Coding Sequence of the UK-Endemic Tatenale Orthohantavirus Reveals Extensive Strain Variation and Supports its Classification as a Novel Species | | 1 |