

Thomas P Peacock

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

2,874
citations

394421

19
h-index

454955

30
g-index

58
all docs

58
docs citations

58
times ranked

4107
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | The furin cleavage site in the SARS-CoV-2 spike protein is required for transmission in ferrets. <i>Nature Microbiology</i> , 2021, 6, 899-909. | 13.3 | 556 |
| 2 | Emergence of SARS-CoV-2 Omicron lineages BA.4 and BA.5 in South Africa. <i>Nature Medicine</i> , 2022, 28, 1785-1790. | 30.7 | 456 |
| 3 | Affimer proteins are versatile and renewable affinity reagents. <i>ELife</i> , 2017, 6, . | 6.0 | 151 |
| 4 | Reduced neutralisation of the Delta (B.1.617.2) SARS-CoV-2 variant of concern following vaccination. <i>PLoS Pathogens</i> , 2021, 17, e1010022. | 4.7 | 139 |
| 5 | SARS-CoV-2 one year on: evidence for ongoing viral adaptation. <i>Journal of General Virology</i> , 2021, 102, . | 2.9 | 137 |
| 6 | ANP32 Proteins Are Essential for Influenza Virus Replication in Human Cells. <i>Journal of Virology</i> , 2019, 93, . | 3.4 | 68 |
| 7 | Disrupting HIV capsid formation causes cGAS sensing of viral DNA. <i>EMBO Journal</i> , 2020, 39, e103958. | 7.8 | 53 |
| 8 | Antigenic mapping of an H9N2 avian influenza virus reveals two discrete antigenic sites and a novel mechanism of immune escape. <i>Scientific Reports</i> , 2016, 6, 18745. | 3.3 | 51 |
| 9 | An early warning system for emerging SARS-CoV-2 variants. <i>Nature Medicine</i> , 2022, 28, 1110-1115. | 30.7 | 47 |
| 10 | Variability in H9N2 haemagglutinin receptor-binding preference and the pH of fusion. <i>Emerging Microbes and Infections</i> , 2017, 6, 1-7. | 6.5 | 46 |
| 11 | Mutations that adapt SARS-CoV-2 to mink or ferret do not increase fitness in the human airway. <i>Cell Reports</i> , 2022, 38, 110344. | 6.4 | 46 |
| 12 | Prevalence and diversity of H9N2 avian influenza in chickens of Northern Vietnam, 2014. <i>Infection, Genetics and Evolution</i> , 2016, 44, 530-540. | 2.3 | 44 |
| 13 | Immune Escape Variants of H9N2 Influenza Viruses Containing Deletions at the Hemagglutinin Receptor Binding Site Retain Fitness <i>In Vivo</i> and Display Enhanced Zoonotic Characteristics. <i>Journal of Virology</i> , 2017, 91, . | 3.4 | 41 |
| 14 | Host Determinants of Influenza RNA Synthesis. <i>Annual Review of Virology</i> , 2019, 6, 215-233. | 6.7 | 39 |
| 15 | Neutralizing antibody activity against 21 SARS-CoV-2 variants in older adults vaccinated with BNT162b2. <i>Nature Microbiology</i> , 2022, 7, 1180-1188. | 13.3 | 39 |
| 16 | Association of Increased Receptor-Binding Avidity of Influenza A(H9N2) Viruses with Escape from Antibody-Based Immunity and Enhanced Zoonotic Potential. <i>Emerging Infectious Diseases</i> , 2018, 25, 63-72. | 4.3 | 36 |
| 17 | Vinculin Interacts with the Chlamydia Effector TarP Via a Tripartite Vinculin Binding Domain to Mediate Actin Recruitment and Assembly at the Plasma Membrane. <i>Frontiers in Cellular and Infection Microbiology</i> , 2015, 5, 88. | 3.9 | 29 |
| 18 | Swine ANP32A Supports Avian Influenza Virus Polymerase. <i>Journal of Virology</i> , 2020, 94, . | 3.4 | 26 |

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|----|--|------|-----------|
| 19 | The molecular basis of antigenic variation among A(H9N2) avian influenza viruses. <i>Emerging Microbes and Infections</i> , 2018, 7, 1-12. | 6.5 | 24 |
| 20 | The ChAdOx1 vectored vaccine, AZD2816, induces strong immunogenicity against SARS-CoV-2 beta (B.1.351) and other variants of concern in preclinical studies. <i>EBioMedicine</i> , 2022, 77, 103902. | 6.1 | 23 |
| 21 | Tracking SARS-CoV-2 Mutations & Variants Through the COG-UK-Mutation Explorer. <i>Virus Evolution</i> , 2022, 8, veac023. | 4.9 | 19 |
| 22 | SARS-CoV-2 variants of concern alpha, beta, gamma and delta have extended ACE2 receptor host ranges. <i>Journal of General Virology</i> , 2022, 103, . | 2.9 | 19 |
| 23 | Where is the next SARS-CoV-2 variant of concern?. <i>Lancet, The</i> , 2022, 399, 1938-1939. | 13.7 | 16 |
| 24 | Contribution of Segment 3 to the Acquisition of Virulence in Contemporary H9N2 Avian Influenza Viruses. <i>Journal of Virology</i> , 2020, 94, . | 3.4 | 15 |
| 25 | Genetic Determinants of Receptor-Binding Preference and Zoonotic Potential of H9N2 Avian Influenza Viruses. <i>Journal of Virology</i> , 2021, 95, . | 3.4 | 14 |
| 26 | A natural variant in ANP32B impairs influenza virus replication in human cells. <i>Journal of General Virology</i> , 2021, 102, . | 2.9 | 8 |
| 27 | Adsorptive mutation and N-linked glycosylation modulate influenza virus antigenicity and fitness. <i>Emerging Microbes and Infections</i> , 2020, 9, 2622-2631. | 6.5 | 7 |
| 28 | A self-amplifying RNA vaccine protects against SARS-CoV-2 (D614G) and Alpha variant of concern (B.1.1.7) in a transmission-challenge hamster model. <i>Vaccine</i> , 2022, 40, 2848-2855. | 3.8 | 7 |
| 29 | PA-X is an avian virulence factor in H9N2 avian influenza virus. <i>Journal of General Virology</i> , 2021, 102, . | 2.9 | 5 |
| 30 | ACE2: The Only Thing That Matters?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 161-163. | 5.6 | 4 |
| 31 | A Common <i>TMPRSS2</i> Variant Protects Against Severe COVID-19. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 2 |