

Sushant Bhat

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

757
citations

840776

11
h-index

752698

20
g-index

34
all docs

34
docs citations

34
times ranked

1915
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | A COVID-19 vaccine candidate using SpyCatcher multimerization of the SARS-CoV-2 spike protein receptor-binding domain induces potent neutralising antibody responses. <i>Nature Communications</i> , 2021, 12, 542. | 12.8 | 200 |
| 2 | The SARS-CoV-2 Spike protein has a broad tropism for mammalian ACE2 proteins. <i>PLoS Biology</i> , 2020, 18, e3001016. | 5.6 | 169 |
| 3 | Evaluation of the immunogenicity of prime-boost vaccination with the replication-deficient viral vectored COVID-19 vaccine candidate ChAdOx1 nCoV-19. <i>Npj Vaccines</i> , 2020, 5, 69. | 6.0 | 121 |
| 4 | Evolution of Codon Usage Bias in Henipaviruses Is Governed by Natural Selection and Is Host-Specific. <i>Viruses</i> , 2018, 10, 604. | 3.3 | 35 |
| 5 | Immune Escape Adaptive Mutations in the H7N9 Avian Influenza Hemagglutinin Protein Increase Virus Replication Fitness and Decrease Pandemic Potential. <i>Journal of Virology</i> , 2020, 94, . | 3.4 | 27 |
| 6 | Highly pathogenic avian influenza H5N1 virus induces cytokine dysregulation with suppressed maturation of chicken monocyte-derived dendritic cells. <i>Microbiology and Immunology</i> , 2016, 60, 687-693. | 1.4 | 26 |
| 7 | Elevated level of pro inflammatory cytokine and chemokine expression in chicken bone marrow and monocyte derived dendritic cells following LPS induced maturation. <i>Cytokine</i> , 2016, 85, 140-147. | 3.2 | 25 |
| 8 | The Application of NHEJ-CRISPR/Cas9 and Cre-Lox System in the Generation of Bivalent Duck Enteritis Virus Vaccine against Avian Influenza Virus. <i>Viruses</i> , 2018, 10, 81. | 3.3 | 21 |
| 9 | Coinfection of Chickens with H9N2 and H7N9 Avian Influenza Viruses Leads to Emergence of Reassortant H9N9 Virus with Increased Fitness for Poultry and a Zoonotic Potential. <i>Journal of Virology</i> , 2022, 96, jvi0185621. | 3.4 | 21 |
| 10 | Application of HDR-CRISPR/Cas9 and Erythrocyte Binding for Rapid Generation of Recombinant Turkey Herpesvirus-Vectored Avian Influenza Virus Vaccines. <i>Vaccines</i> , 2019, 7, 192. | 4.4 | 17 |
| 11 | Genetic and antigenic characterization of H5N1 viruses of clade 2.3.2.1 isolated in India. <i>Microbial Pathogenesis</i> , 2015, 88, 87-93. | 2.9 | 13 |
| 12 | A ligation and restriction enzyme independent cloning technique: an alternative to conventional methods for cloning hard-to-clone gene segments in the influenza reverse genetics system. <i>Virology Journal</i> , 2020, 17, 82. | 3.4 | 12 |
| 13 | Engineered Recombinant Single Chain Variable Fragment of Monoclonal Antibody Provides Protection to Chickens Infected with H9N2 Avian Influenza. <i>Vaccines</i> , 2020, 8, 118. | 4.4 | 11 |
| 14 | A two dose immunization with an inactivated reassortant H5N2 virus protects chickens against lethal challenge with homologous 2.3.2.1 clade and heterologous 2.2 clade highly pathogenic avian influenza H5N1 viruses. <i>Veterinary Microbiology</i> , 2018, 217, 149-157. | 1.9 | 7 |
| 15 | 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 |
| 16 | Reverse genetics based rgH5N2 vaccine provides protection against high dose challenge of H5N1 avian influenza virus in chicken. <i>Microbial Pathogenesis</i> , 2016, 97, 172-177. | 2.9 | 6 |
| 17 | Production and Characterization of Monoclonal Antibodies Against Nucleoprotein of Avian Influenza Virus. <i>Monoclonal Antibodies in Immunodiagnosis and Immunotherapy</i> , 2013, 32, 413-418. | 1.6 | 4 |
| 18 | Cross-sectional study indicates nearly a quarter of sheep population in Karnataka state of India is infected with ovine herpesvirus 2. <i>VirusDisease</i> , 2015, 26, 180-188. | 2.0 | 4 |

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|----|---|-----|-----------|
| 19 | Identification and molecular characterization of H9N2 viruses carrying multiple mammalian adaptation markers in resident birds in central-western wetlands in India. <i>Infection, Genetics and Evolution</i> , 2021, 94, 105005. | 2.3 | 2 |
| 20 | Replicative fitness and transmission of G57 lineage and UDL01 like H9N2 viruses in chickens. <i>Access Microbiology</i> , 2019, 1, . | 0.5 | 2 |
| 21 | IgY Antibody: A Promising Diagnostic and Therapeutic Tool. <i>Journal of Immunology and Immunopathology</i> , 2015, 17, 60. | 0.0 | 0 |
| 22 | The application of CRISPR/Cas9 system in the generation of viral vectored avian influenza vaccines. <i>Access Microbiology</i> , 2019, 1, . | 0.5 | 0 |
| 23 | The SARS-CoV-2 Spike protein has a broad tropism for mammalian ACE2 proteins. , 2020, 18, e3001016. | | 0 |
| 24 | The SARS-CoV-2 Spike protein has a broad tropism for mammalian ACE2 proteins. , 2020, 18, e3001016. | | 0 |
| 25 | The SARS-CoV-2 Spike protein has a broad tropism for mammalian ACE2 proteins. , 2020, 18, e3001016. | | 0 |
| 26 | The SARS-CoV-2 Spike protein has a broad tropism for mammalian ACE2 proteins. , 2020, 18, e3001016. | | 0 |
| 27 | The SARS-CoV-2 Spike protein has a broad tropism for mammalian ACE2 proteins. , 2020, 18, e3001016. | | 0 |
| 28 | The SARS-CoV-2 Spike protein has a broad tropism for mammalian ACE2 proteins. , 2020, 18, e3001016. | | 0 |