# Vincent Kwok-Man Poon

List of Publications by Year
in descending order



| 33 | 11,542 | 270111 25 | 425179 34 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 35 | 35 | 35 | 24190 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Low Environmental Temperature Exacerbates Severe Acute Respiratory Syndrome Coronavirus 2 Infection in Golden Syrian Hamsters. Clinical Infectious Diseases, 2022, 75, e1101-e1111. | 2.9 | 17 |
| 2 | Probable Animal-to-Human Transmission of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Delta Variant AY.127 Causing a Pet Shop-Related Coronavirus Disease 2019 (COVID-19) Outbreak in Hong Kong. Clinical Infectious Diseases, 2022, 75, e76-e81. | 2.9 | 20 |
| 3 | An antibody class with a common CDRH3 motif broadly neutralizes sarbecoviruses. Science Translational Medicine, 2022, 14, eabn6859. | 5.8 | 31 |
| 4 | SARS-CoV-2 infection induces inflammatory bone loss in golden Syrian hamsters. Nature Communications, 2022, 13, 2539. | 5.8 | 22 |
| 5 | A broadly neutralizing antibody protects Syrian hamsters against SARS-CoV-2 Omicron challenge. Nature Communications, 2022, 13, . | 5.8 | 22 |
| 6 | Severe Acute Respiratory Syndrome Coronavirus 2 Infects and Damages the Mature and Immature Olfactory Sensory Neurons of Hamsters. Clinical Infectious Diseases, 2021, 73, e503-e512. | 2.9 | 106 |
| 7 | Beneficial effect of combinational methylprednisolone and remdesivir in hamster model of SARS-CoV-2 infection. Emerging Microbes and Infections, 2021, 10, 291-304. | 3.0 | 48 |
| 8 | Clofazimine broadly inhibits coronaviruses including SARS-CoV-2. Nature, 2021, 593, 418-423. | 13.7 | 151 |
| 9 | Robust SARS-CoV-2 infection in nasal turbinates after treatment with systemic neutralizing antibodies. Cell Host and Microbe, 2021, 29, 551-563.e5. | 5.1 | 87 |
| 10 | A novel linker-immunodominant site (LIS) vaccine targeting the SARS-CoV-2 spike protein protects against severe COVID-19 in Syrian hamsters. Emerging Microbes and Infections, 2021, 10, 874-884. | 3.0 | 11 |
| 11 | Targeting highly pathogenic coronavirus-induced apoptosis reduces viral pathogenesis and disease severity. Science Advances, 2021, 7, . | 4.7 | 48 |
| 12 | Coinfection by Severe Acute Respiratory Syndrome Coronavirus 2 and Influenza A(H1N1)pdm09 Virus Enhances the Severity of Pneumonia in Golden Syrian Hamsters. Clinical Infectious Diseases, 2021, 72, e978-e992. | 2.9 | 84 |
| 13 | Emerging SARS-CoV-2 variants expand species tropism to murines. EBioMedicine, 2021, 73, 103643. | 2.7 | 127 |
| 14 | ACE2-like carboxypeptidase B38-CAP protects from SARS-CoV-2-induced lung injury. Nature Communications, 2021, 12, 6791. | 5.8 | 32 |
| 15 | Oral SARS-CoV-2 Inoculation Establishes Subclinical Respiratory Infection with Virus Shedding in Golden Syrian Hamsters. Cell Reports Medicine, 2020, 1, 100121. | 3.3 | 121 |
| 16 | Discovery of SARS-CoV-2 antiviral drugs through large-scale compound repurposing. Nature, 2020, 586, 113-119. | 13.7 | 672 |
| 17 | Viruses harness YxxÃ˜ motif to interact with host AP2M1 for replication: A vulnerable broad-spectrum antiviral target. Science Advances, 2020, 6, eaba7910. | 4.7 | 40 |
| 18 | Surgical Mask Partition Reduces the Risk of Noncontact Transmission in a Golden Syrian Hamster Model for Coronavirus Disease 2019 (COVID-19). Clinical Infectious Diseases, 2020, 71, 2139-2149. | 2.9 | 501 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Simulation of the Clinical and Pathological Manifestations of Coronavirus Disease 2019 (COVID-19) in a Golden Syrian Hamster Model: Implications for Disease Pathogenesis and Transmissibility. Clinical Infectious Diseases, 2020, 71, 2428-2446. | 2.9 | 839 |
| 20 | A familial cluster of pneumonia associated with the 2019 novel coronavirus indicating person-to-person transmission: a study of a family cluster. Lancet, The, 2020, 395, 514-523. | 6.3 | 7,120 |
| 21 | SREBP-dependent lipidomic reprogramming as a broad-spectrum antiviral target. Nature Communications, 2019, 10, 120. | 5.8 | 192 |
| 22 | Identification and characterization of <scp>GLDC</scp> as host susceptibility gene to severe influenza. EMBO Molecular Medicine, 2019, 11, . | 3.3 | 20 |
| 23 | Immunization With a Novel Human Type 5 Adenovirus-Vectored Vaccine Expressing the Premembrane and Envelope Proteins of Zika Virus Provides Consistent and Sterilizing Protection in Multiple Immunocompetent and Immunocompromised Animal Models. Journal of Infectious Diseases, 2018, 218, 365-377. | 1.9 | 46 |
| 24 | The celecoxib derivative kinase inhibitor AR-12 (OSU-03012) inhibits Zika virus via down-regulation of the PI3K/Akt pathway and protects Zika virus-infected A129 mice: A host-targeting treatment strategy. Antiviral Research, 2018, 160, 38-47. | 1.9 | 35 |
| 25 | Differentiated human airway organoids to assess infectivity of emerging influenza virus. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 6822-6827. | 3.3 | 215 |
| 26 | Improved detection of Zika virus <scp>RNA</scp> in human and animal specimens by a novel, highly sensitive and specific realâ€time RTâ€PCR assay targeting the 5â€²â€untranslated region of Zika virus. Tropical Medicine and International Health, 2017, 22, 594-603. | 1.0 | 34 |
| 27 | Novel antiviral activity and mechanism of bromocriptine as a Zika virus NS2B-NS3 protease inhibitor. Antiviral Research, 2017, 141, 29-37. | 1.9 | 102 |
| 28 | Structure-based discovery of clinically approved drugs as Zika virus NS2B-NS3 protease inhibitors that potently inhibit Zika virus infection inÂvitro and inÂvivo. Antiviral Research, 2017, 145, 33-43. | 1.9 | 99 |
| 29 | Human intestinal tract serves as an alternative infection route for Middle East respiratory syndrome coronavirus. Science Advances, 2017, 3, eaao4966. | 4.7 | 317 |
| 30 | A novel peptide with potent and broad-spectrum antiviral activities against multiple respiratory viruses. Scientific Reports, 2016, 6, 22008. | 1.6 | 133 |
| 31 | Zika Virus Infection in Dexamethasone-immunosuppressed Mice Demonstrating Disseminated Infection with Multi-organ Involvement Including Orchitis Effectively Treated by Recombinant Type I Interferons. EBioMedicine, 2016, 14, 112-122. | 2.7 | 77 |
| 32 | An H5N1-based matrix protein 2 ectodomain tetrameric peptide vaccine provides cross-protection against lethal infection with H7N9 influenza virus. Emerging Microbes and Infections, 2015, 4, 1-7. | 3.0 | 19 |
| 33 | Productive replication of Middle East respiratory syndrome coronavirus in monocyte-derived dendritic cells modulates innate immune response. Virology, 2014, 454-455, 197-205. | 1.1 | 149 |