

Kwok-Yung Yuen

List of Publications by Citations

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417
papers

34,851
citations

76
h-index

182
g-index

444
ext. papers

45,200
ext. citations

11.1
avg, IF

7.77
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 417 | A familial cluster of pneumonia associated with the 2019 novel coronavirus indicating person-to-person transmission: a study of a family cluster. <i>Lancet, The</i> , 2020 , 395, 514-523 | 40 | 5219 |
| 416 | Temporal profiles of viral load in posterior oropharyngeal saliva samples and serum antibody responses during infection by SARS-CoV-2: an observational cohort study. <i>Lancet Infectious Diseases, The</i> , 2020 , 20, 565-574 | 25.5 | 2081 |
| 415 | Genomic characterization of the 2019 novel human-pathogenic coronavirus isolated from a patient with atypical pneumonia after visiting Wuhan. <i>Emerging Microbes and Infections</i> , 2020 , 9, 221-236 | 18.9 | 1681 |
| 414 | Structural and Functional Basis of SARS-CoV-2 Entry by Using Human ACE2. <i>Cell</i> , 2020 , 181, 894-904.e9 | 56.2 | 1513 |
| 413 | Coronaviruses - drug discovery and therapeutic options. <i>Nature Reviews Drug Discovery</i> , 2016 , 15, 327-476.1 | 4.1 | 1060 |
| 412 | Consistent Detection of 2019 Novel Coronavirus in Saliva. <i>Clinical Infectious Diseases</i> , 2020 , 71, 841-843 | 11.6 | 1009 |
| 411 | Potent neutralizing antibodies against multiple epitopes on SARS-CoV-2 spike. <i>Nature</i> , 2020 , 584, 450-456.4 | 56.4 | 848 |
| 410 | Human infections with the emerging avian influenza A H7N9 virus from wet market poultry: clinical analysis and characterisation of viral genome. <i>Lancet, The</i> , 2013 , 381, 1916-25 | 40 | 668 |
| 409 | Anti-spike IgG causes severe acute lung injury by skewing macrophage responses during acute SARS-CoV infection. <i>JCI Insight</i> , 2019 , 4, | 9.9 | 588 |
| 408 | Middle East respiratory syndrome coronavirus: another zoonotic betacoronavirus causing SARS-like disease. <i>Clinical Microbiology Reviews</i> , 2015 , 28, 465-522 | 34 | 582 |
| 407 | Improved Molecular Diagnosis of COVID-19 by the Novel, Highly Sensitive and Specific COVID-19-RdRp/Hel Real-Time Reverse Transcription-PCR Assay Validated and with Clinical Specimens. <i>Journal of Clinical Microbiology</i> , 2020 , 58, | 9.7 | 572 |
| 406 | 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. <i>Clinical Infectious Diseases</i> , 2020 , 71, 2428-2446 | 11.6 | 537 |
| 405 | Treatment With Lopinavir/Ritonavir or Interferon-β Improves Outcome of MERS-CoV Infection in a Nonhuman Primate Model of Common Marmoset. <i>Journal of Infectious Diseases</i> , 2015 , 212, 1904-13 | 7 | 483 |
| 404 | Imaging Profile of the COVID-19 Infection: Radiologic Findings and Literature Review. <i>Radiology: Cardiothoracic Imaging</i> , 2020 , 2, e200034 | 8.3 | 480 |
| 403 | Coronavirus Disease 2019 (COVID-19) Re-infection by a Phylogenetically Distinct Severe Acute Respiratory Syndrome Coronavirus 2 Strain Confirmed by Whole Genome Sequencing. <i>Clinical Infectious Diseases</i> , 2021 , 73, e2946-e2951 | 11.6 | 450 |
| 402 | Comparative Replication and Immune Activation Profiles of SARS-CoV-2 and SARS-CoV in Human Lungs: An Ex Vivo Study With Implications for the Pathogenesis of COVID-19. <i>Clinical Infectious Diseases</i> , 2020 , 71, 1400-1409 | 11.6 | 431 |
| 401 | Comparative tropism, replication kinetics, and cell damage profiling of SARS-CoV-2 and SARS-CoV with implications for clinical manifestations, transmissibility, and laboratory studies of COVID-19: an observational study. <i>Lancet Microbe, The</i> , 2020 , 1, e14-e23 | 22.2 | 415 |

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|-----|--|------|-----|
| 400 | The role of community-wide wearing of face mask for control of coronavirus disease 2019 (COVID-19) epidemic due to SARS-CoV-2. <i>Journal of Infection</i> , 2020 , 81, 107-114 | 18.9 | 406 |
| 399 | Discovery of SARS-CoV-2 antiviral drugs through large-scale compound repurposing. <i>Nature</i> , 2020 , 586, 113-119 | 50.4 | 405 |
| 398 | Interspecies transmission and emergence of novel viruses: lessons from bats and birds. <i>Trends in Microbiology</i> , 2013 , 21, 544-55 | 12.4 | 349 |
| 397 | Taxonomy of the order Mononegavirales: update 2016. <i>Archives of Virology</i> , 2016 , 161, 2351-60 | 2.6 | 324 |
| 396 | Surgical Mask Partition Reduces the Risk of Noncontact Transmission in a Golden Syrian Hamster Model for Coronavirus Disease 2019 (COVID-19). <i>Clinical Infectious Diseases</i> , 2020 , 71, 2139-2149 | 11.6 | 310 |
| 395 | Severe acute respiratory syndrome coronavirus ORF3a protein activates the NLRP3 inflammasome by promoting TRAF3-dependent ubiquitination of ASC. <i>FASEB Journal</i> , 2019 , 33, 8865-8877 | 0.9 | 296 |
| 394 | Possible central nervous system infection by SARS coronavirus. <i>Emerging Infectious Diseases</i> , 2004 , 10, 342-4 | 10.2 | 290 |
| 393 | Middle East Respiratory Syndrome Coronavirus Efficiently Infects Human Primary T Lymphocytes and Activates the Extrinsic and Intrinsic Apoptosis Pathways. <i>Journal of Infectious Diseases</i> , 2016 , 213, 904-14 | 7 | 285 |
| 392 | Active replication of Middle East respiratory syndrome coronavirus and aberrant induction of inflammatory cytokines and chemokines in human macrophages: implications for pathogenesis. <i>Journal of Infectious Diseases</i> , 2014 , 209, 1331-42 | 7 | 285 |
| 391 | Escalating infection control response to the rapidly evolving epidemiology of the coronavirus disease 2019 (COVID-19) due to SARS-CoV-2 in Hong Kong. <i>Infection Control and Hospital Epidemiology</i> , 2020 , 41, 493-498 | 2 | 269 |
| 390 | Delayed induction of proinflammatory cytokines and suppression of innate antiviral response by the novel Middle East respiratory syndrome coronavirus: implications for pathogenesis and treatment. <i>Journal of General Virology</i> , 2013 , 94, 2679-2690 | 4.9 | 268 |
| 389 | Acute SARS-CoV-2 Infection Impairs Dendritic Cell and T Cell Responses. <i>Immunity</i> , 2020 , 53, 864-877.e532.3 | 32.3 | 264 |
| 388 | Broad-spectrum antivirals for the emerging Middle East respiratory syndrome coronavirus. <i>Journal of Infection</i> , 2013 , 67, 606-16 | 18.9 | 263 |
| 387 | Delayed antiviral plus immunomodulator treatment still reduces mortality in mice infected by high inoculum of influenza A/H5N1 virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 8091-6 | 11.5 | 257 |
| 386 | Human intestinal tract serves as an alternative infection route for Middle East respiratory syndrome coronavirus. <i>Science Advances</i> , 2017 , 3, eaao4966 | 14.3 | 248 |
| 385 | Structure-based discovery of Middle East respiratory syndrome coronavirus fusion inhibitor. <i>Nature Communications</i> , 2014 , 5, 3067 | 17.4 | 247 |
| 384 | Striking Antibody Evasion Manifested by the Omicron Variant of SARS-CoV-2.. <i>Nature</i> , 2021 , | 50.4 | 227 |
| 383 | Hyperimmune IV immunoglobulin treatment: a multicenter double-blind randomized controlled trial for patients with severe 2009 influenza A(H1N1) infection. <i>Chest</i> , 2013 , 144, 464-473 | 5.3 | 220 |

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|-----|---|------|-----|
| 382 | Severe acute respiratory syndrome coronavirus M protein inhibits type I interferon production by impeding the formation of TRAF3.TANK.TBK1/IKKepsilon complex. <i>Journal of Biological Chemistry</i> , 2009 , 284, 16202-16209 | 5.4 | 219 |
| 381 | Bat origins of MERS-CoV supported by bat coronavirus HKU4 usage of human receptor CD26. <i>Cell Host and Microbe</i> , 2014 , 16, 328-37 | 23.4 | 198 |
| 380 | SARS-CoV-2 is an appropriate name for the new coronavirus. <i>Lancet, The</i> , 2020 , 395, 949-950 | 40 | 186 |
| 379 | Attenuated SARS-CoV-2 variants with deletions at the S1/S2 junction. <i>Emerging Microbes and Infections</i> , 2020 , 9, 837-842 | 18.9 | 181 |
| 378 | Identification of influenza A nucleoprotein as an antiviral target. <i>Nature Biotechnology</i> , 2010 , 28, 600-5 | 44.5 | 181 |
| 377 | Differential maturation and subcellular localization of severe acute respiratory syndrome coronavirus surface proteins S, M and E. <i>Journal of General Virology</i> , 2005 , 86, 1423-1434 | 4.9 | 172 |
| 376 | Zika fever and congenital Zika syndrome: An unexpected emerging arboviral disease. <i>Journal of Infection</i> , 2016 , 72, 507-24 | 18.9 | 172 |
| 375 | Differential cell line susceptibility to the emerging novel human betacoronavirus 2c EMC/2012: implications for disease pathogenesis and clinical manifestation. <i>Journal of Infectious Diseases</i> , 2013 , 207, 1743-52 | 7 | 165 |
| 374 | Characterization of the Lipidomic Profile of Human Coronavirus-Infected Cells: Implications for Lipid Metabolism Remodeling upon Coronavirus Replication. <i>Viruses</i> , 2019 , 11, | 6.2 | 150 |
| 373 | SARS-CoV-2 infects human neural progenitor cells and brain organoids. <i>Cell Research</i> , 2020 , 30, 928-931 | 24.7 | 143 |
| 372 | Comparative genomic analysis of pre-epidemic and epidemic Zika virus strains for virological factors potentially associated with the rapidly expanding epidemic. <i>Emerging Microbes and Infections</i> , 2016 , 5, e22 | 18.9 | 136 |
| 371 | Cross-reactive antibodies in convalescent SARS patients' sera against the emerging novel human coronavirus EMC (2012) by both immunofluorescent and neutralizing antibody tests. <i>Journal of Infection</i> , 2013 , 67, 130-40 | 18.9 | 135 |
| 370 | Severe Acute Respiratory Syndrome (SARS) Coronavirus ORF8 Protein Is Acquired from SARS-Related Coronavirus from Greater Horseshoe Bats through Recombination. <i>Journal of Virology</i> , 2015 , 89, 10532-47 | 6.6 | 132 |
| 369 | Identification of novel porcine and bovine parvoviruses closely related to human parvovirus 4. <i>Journal of General Virology</i> , 2008 , 89, 1840-1848 | 4.9 | 131 |
| 368 | Differentiated human airway organoids to assess infectivity of emerging influenza virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 6822-6827 | 11.5 | 127 |
| 367 | SREBP-dependent lipidomic reprogramming as a broad-spectrum antiviral target. <i>Nature Communications</i> , 2019 , 10, 120 | 17.4 | 125 |
| 366 | Productive replication of Middle East respiratory syndrome coronavirus in monocyte-derived dendritic cells modulates innate immune response. <i>Virology</i> , 2014 , 454-455, 197-205 | 3.6 | 122 |
| 365 | Is the discovery of the novel human betacoronavirus 2c EMC/2012 (HCoV-EMC) the beginning of another SARS-like pandemic?. <i>Journal of Infection</i> , 2012 , 65, 477-89 | 18.9 | 122 |

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| 364 | A humanized neutralizing antibody against MERS-CoV targeting the receptor-binding domain of the spike protein. <i>Cell Research</i> , 2015 , 25, 1237-49 | 24.7 | 116 |
| 363 | Discovery of a novel coronavirus, China Rattus coronavirus HKU24, from Norway rats supports the murine origin of Betacoronavirus 1 and has implications for the ancestor of Betacoronavirus lineage A. <i>Journal of Virology</i> , 2015 , 89, 3076-92 | 6.6 | 115 |
| 362 | Middle East respiratory syndrome coronavirus and bat coronavirus HKU9 both can utilize GRP78 for attachment onto host cells. <i>Journal of Biological Chemistry</i> , 2018 , 293, 11709-11726 | 5.4 | 114 |
| 361 | The emergence of influenza A H7N9 in human beings 16 years after influenza A H5N1: a tale of two cities. <i>Lancet Infectious Diseases</i> , 2013 , 13, 809-21 | 25.5 | 113 |
| 360 | MERS coronavirus induces apoptosis in kidney and lung by upregulating Smad7 and FGF2. <i>Nature Microbiology</i> , 2016 , 1, 16004 | 26.6 | 112 |
| 359 | Laribacter hongkongensis gen. nov., sp. nov., a novel gram-negative bacterium isolated from a cirrhotic patient with bacteremia and empyema. <i>Journal of Clinical Microbiology</i> , 2001 , 39, 4227-32 | 9.7 | 105 |
| 358 | Emergence of scarlet fever Streptococcus pyogenes emm12 clones in Hong Kong is associated with toxin acquisition and multidrug resistance. <i>Nature Genetics</i> , 2015 , 47, 84-7 | 36.3 | 103 |
| 357 | The K526R substitution in viral protein PB2 enhances the effects of E627K on influenza virus replication. <i>Nature Communications</i> , 2014 , 5, 5509 | 17.4 | 101 |
| 356 | Air and environmental sampling for SARS-CoV-2 around hospitalized patients with coronavirus disease 2019 (COVID-19). <i>Infection Control and Hospital Epidemiology</i> , 2020 , 41, 1258-1265 | 2 | 99 |
| 355 | Neutralization of SARS-CoV-2 Omicron variant by sera from BNT162b2 or Coronavac vaccine recipients.. <i>Clinical Infectious Diseases</i> , 2021 , | 11.6 | 94 |
| 354 | Soluble ACE2-mediated cell entry of SARS-CoV-2 via interaction with proteins related to the renin-angiotensin system. <i>Cell</i> , 2021 , 184, 2212-2228.e12 | 56.2 | 94 |
| 353 | A novel peptide with potent and broad-spectrum antiviral activities against multiple respiratory viruses. <i>Scientific Reports</i> , 2016 , 6, 22008 | 4.9 | 93 |
| 352 | Middle East respiratory syndrome coronavirus M protein suppresses type I interferon expression through the inhibition of TBK1-dependent phosphorylation of IRF3. <i>Emerging Microbes and Infections</i> , 2016 , 5, e39 | 18.9 | 90 |
| 351 | Antibody evasion properties of SARS-CoV-2 Omicron sublineages.. <i>Nature</i> , 2022 , | 50.4 | 88 |
| 350 | High neutralizing antibody titer in intensive care unit patients with COVID-19. <i>Emerging Microbes and Infections</i> , 2020 , 9, 1664-1670 | 18.9 | 86 |
| 349 | Emergence in China of human disease due to avian influenza A(H10N8)--cause for concern?. <i>Journal of Infection</i> , 2014 , 68, 205-15 | 18.9 | 84 |
| 348 | A peptide-based viral inactivator inhibits Zika virus infection in pregnant mice and fetuses. <i>Nature Communications</i> , 2017 , 8, 15672 | 17.4 | 83 |
| 347 | Novel antiviral activity and mechanism of bromocriptine as a Zika virus NS2B-NS3 protease inhibitor. <i>Antiviral Research</i> , 2017 , 141, 29-37 | 10.8 | 81 |

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|-----|---|------|----|
| 346 | Efficacy of Clarithromycin-Naproxen-Oseltamivir Combination in the Treatment of Patients Hospitalized for Influenza A(H3N2) Infection: An Open-label Randomized, Controlled, Phase IIb/III Trial. <i>Chest</i> , 2017 , 151, 1069-1080 | 5.3 | 81 |
| 345 | Structure-based discovery of clinically approved drugs as Zika virus NS2B-NS3 protease inhibitors that potently inhibit Zika virus infection in vitro and in vivo. <i>Antiviral Research</i> , 2017 , 145, 33-43 | 10.8 | 79 |
| 344 | MP1 encodes an abundant and highly antigenic cell wall mannoprotein in the pathogenic fungus <i>Penicillium marneffeii</i> . <i>Infection and Immunity</i> , 1998 , 66, 966-73 | 3.7 | 79 |
| 343 | 1899. The Cellular Kinase Inhibitor OSU-03012 Inhibits Enterovirus 71 In Vitro. <i>Open Forum Infectious Diseases</i> , 2018 , 5, S545-S545 | 1 | 78 |
| 342 | Genetic relatedness of the novel human group C betacoronavirus to Tylonycteris bat coronavirus HKU4 and Pipistrellus bat coronavirus HKU5. <i>Emerging Microbes and Infections</i> , 2012 , 1, e35 | 18.9 | 77 |
| 341 | Comparative host gene transcription by microarray analysis early after infection of the Huh7 cell line by severe acute respiratory syndrome coronavirus and human coronavirus 229E. <i>Journal of Virology</i> , 2005 , 79, 6180-93 | 6.6 | 76 |
| 340 | Metallo drug ranitidine bismuth citrate suppresses SARS-CoV-2 replication and relieves virus-associated pneumonia in Syrian hamsters. <i>Nature Microbiology</i> , 2020 , 5, 1439-1448 | 26.6 | 76 |
| 339 | SARS-CoV-2 shedding and seroconversion among passengers quarantined after disembarking a cruise ship: a case series. <i>Lancet Infectious Diseases</i> , 2020 , 20, 1051-1060 | 25.5 | 75 |
| 338 | SARS-CoV-2 Omicron variant shows less efficient replication and fusion activity when compared with delta variant in TMPRSS2-expressed cells. <i>Emerging Microbes and Infections</i> , 2021 , 1-18 | 18.9 | 75 |
| 337 | Additional molecular testing of saliva specimens improves the detection of respiratory viruses. <i>Emerging Microbes and Infections</i> , 2017 , 6, e49 | 18.9 | 73 |
| 336 | Anaerobic, non-sporulating, Gram-positive bacilli bacteraemia characterized by 16S rRNA gene sequencing. <i>Journal of Medical Microbiology</i> , 2004 , 53, 1247-1253 | 3.2 | 72 |
| 335 | <i>Granulicatella adiacens</i> and <i>Abiotrophia defectiva</i> bacteraemia characterized by 16S rRNA gene sequencing. <i>Journal of Medical Microbiology</i> , 2003 , 52, 137-140 | 3.2 | 71 |
| 334 | Attenuated replication and pathogenicity of SARS-CoV-2 B.1.1.529 Omicron. <i>Nature</i> , 2022 , | 50.4 | 70 |
| 333 | Zika Virus Infection in Dexamethasone-immunosuppressed Mice Demonstrating Disseminated Infection with Multi-organ Involvement Including Orchitis Effectively Treated by Recombinant Type I Interferons. <i>EBioMedicine</i> , 2016 , 14, 112-122 | 8.8 | 68 |
| 332 | Avian influenza A H5N1 virus: a continuous threat to humans. <i>Emerging Microbes and Infections</i> , 2012 , 1, e25 | 18.9 | 67 |
| 331 | Selective Activation of Type II Interferon Signaling by Zika Virus NS5 Protein. <i>Journal of Virology</i> , 2017 , 91, | 6.6 | 66 |
| 330 | Detection of specific antibodies to an antigenic mannoprotein for diagnosis of <i>Penicillium marneffeii</i> penicilliosis. <i>Journal of Clinical Microbiology</i> , 1998 , 36, 3028-31 | 9.7 | 63 |
| 329 | Host and viral determinants for efficient SARS-CoV-2 infection of the human lung. <i>Nature Communications</i> , 2021 , 12, 134 | 17.4 | 63 |

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|-----|---|------|----|
| 328 | A sensitive and specific antigen detection assay for Middle East respiratory syndrome coronavirus. <i>Emerging Microbes and Infections</i> , 2015 , 4, e26 | 18.9 | 62 |
| 327 | Oral SARS-CoV-2 Inoculation Establishes Subclinical Respiratory Infection with Virus Shedding in Golden Syrian Hamsters. <i>Cell Reports Medicine</i> , 2020 , 1, 100121 | 18 | 61 |
| 326 | Clofazimine broadly inhibits coronaviruses including SARS-CoV-2. <i>Nature</i> , 2021 , 593, 418-423 | 50.4 | 61 |
| 325 | Lessons learned 1 year after SARS-CoV-2 emergence leading to COVID-19 pandemic. <i>Emerging Microbes and Infections</i> , 2021 , 10, 507-535 | 18.9 | 61 |
| 324 | Development and Evaluation of Novel Real-Time Reverse Transcription-PCR Assays with Locked Nucleic Acid Probes Targeting Leader Sequences of Human-Pathogenic Coronaviruses. <i>Journal of Clinical Microbiology</i> , 2015 , 53, 2722-6 | 9.7 | 59 |
| 323 | The biosynthetic pathway for a thousand-year-old natural food colorant and citrinin in <i>Penicillium marneffeii</i> . <i>Scientific Reports</i> , 2014 , 4, 6728 | 4.9 | 59 |
| 322 | <i>Streptococcus pyogenes</i> and re-emergence of scarlet fever as a public health problem. <i>Emerging Microbes and Infections</i> , 2012 , 1, e2 | 18.9 | 59 |
| 321 | Detection of cell wall mannoprotein Mp1p in culture supernatants of <i>Penicillium marneffeii</i> and in sera of penicilliosis patients. <i>Journal of Clinical Microbiology</i> , 1999 , 37, 981-6 | 9.7 | 59 |
| 320 | Olfactory Dysfunction in Coronavirus Disease 2019 Patients: Observational Cohort Study and Systematic Review. <i>Open Forum Infectious Diseases</i> , 2020 , 7, ofaa199 | 1 | 58 |
| 319 | Transmission of Rat Hepatitis E Virus Infection to Humans in Hong Kong: A Clinical and Epidemiological Analysis. <i>Hepatology</i> , 2021 , 73, 10-22 | 11.2 | 57 |
| 318 | Seroprevalence of SARS-CoV-2 in Hong Kong and in residents evacuated from Hubei province, China: a multicohort study. <i>Lancet Microbe, The</i> , 2020 , 1, e111-e118 | 22.2 | 56 |
| 317 | Metagenomic analysis of viromes of dromedary camel fecal samples reveals large number and high diversity of circoviruses and picobirnaviruses. <i>Virology</i> , 2014 , 471-473, 117-25 | 3.6 | 56 |
| 316 | Carcinoembryonic Antigen-Related Cell Adhesion Molecule 5 Is an Important Surface Attachment Factor That Facilitates Entry of Middle East Respiratory Syndrome Coronavirus. <i>Journal of Virology</i> , 2016 , 90, 9114-27 | 6.6 | 56 |
| 315 | Dissemination of the mcr-1 colistin resistance gene. <i>Lancet Infectious Diseases, The</i> , 2016 , 16, 145-6 | 25.5 | 55 |
| 314 | Laboratory diagnosis of melioidosis: past, present and future. <i>Experimental Biology and Medicine</i> , 2015 , 240, 742-51 | 3.7 | 55 |
| 313 | Characterization of AFMP1: a novel target for serodiagnosis of aspergillosis. <i>Journal of Clinical Microbiology</i> , 2001 , 39, 3830-7 | 9.7 | 55 |
| 312 | Cross-species transmission and emergence of novel viruses from birds. <i>Current Opinion in Virology</i> , 2015 , 10, 63-9 | 7.5 | 54 |
| 311 | Geographical difference of disease association in <i>Streptococcus bovis</i> bacteraemia. <i>Journal of Medical Microbiology</i> , 2003 , 52, 903-908 | 3.2 | 54 |

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|-----|--|------|----|
| 310 | Co-existence of multiple strains of two novel porcine bocaviruses in the same pig, a previously undescribed phenomenon in members of the family Parvoviridae, and evidence for inter- and intra-host genetic diversity and recombination. <i>Journal of General Virology</i> , 2011 , 92, 2047-2059 | 4.9 | 54 |
| 309 | A broad-spectrum virus- and host-targeting peptide against respiratory viruses including influenza virus and SARS-CoV-2. <i>Nature Communications</i> , 2020 , 11, 4252 | 17.4 | 53 |
| 308 | Topical imiquimod before intradermal trivalent influenza vaccine for protection against heterologous non-vaccine and antigenically drifted viruses: a single-centre, double-blind, randomised, controlled phase 2b/3 trial. <i>Lancet Infectious Diseases</i> , 2016 , 16, 209-18 | 25.5 | 51 |
| 307 | Reduction of Platelet Transfusion Associated Sepsis by Short-Term Bacterial Culture. <i>Vox Sanguinis</i> , 1999 , 77, 1-5 | 3.1 | 51 |
| 306 | COVID-19 epidemic: disentangling the re-emerging controversy about medical facemasks from an epidemiological perspective. <i>International Journal of Epidemiology</i> , 2020 , 49, 1063-1066 | 7.8 | 48 |
| 305 | Detection of antibodies specific to an antigenic cell wall galactomannoprotein for serodiagnosis of <i>Aspergillus fumigatus</i> aspergillosis. <i>Journal of Clinical Microbiology</i> , 2002 , 40, 2041-5 | 9.7 | 48 |
| 304 | Coinfection by Severe Acute Respiratory Syndrome Coronavirus 2 and Influenza A(H1N1)pdm09 Virus Enhances the Severity of Pneumonia in Golden Syrian Hamsters. <i>Clinical Infectious Diseases</i> , 2021 , 72, e978-e992 | 11.6 | 47 |
| 303 | Rhinovirus - From bench to bedside. <i>Journal of the Formosan Medical Association</i> , 2017 , 116, 496-504 | 3.2 | 43 |
| 302 | Discovery and Sequence Analysis of Four Deltacoronaviruses from Birds in the Middle East Reveal Interspecies Jumping with Recombination as a Potential Mechanism for Avian-to-Avian and Avian-to-Mammalian Transmission. <i>Journal of Virology</i> , 2018 , 92, | 6.6 | 43 |
| 301 | Robust SARS-CoV-2 infection in nasal turbinates after treatment with systemic neutralizing antibodies. <i>Cell Host and Microbe</i> , 2021 , 29, 551-563.e5 | 23.4 | 42 |
| 300 | Anti-IFN- γ Autoantibodies are strongly associated with HLA-DR*15:02/16:02 and HLA-DQ*05:01/05:02 across Southeast Asia. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 137, 945-8.e8 | 11.5 | 41 |
| 299 | Transfer of scarlet fever-associated elements into the group A <i>Streptococcus</i> M1T1 clone. <i>Scientific Reports</i> , 2015 , 5, 15877 | 4.9 | 41 |
| 298 | Guidelines for interpretation of 16S rRNA gene sequence-based results for identification of medically important aerobic Gram-positive bacteria. <i>Journal of Medical Microbiology</i> , 2009 , 58, 1030-1036 | 3.2 | 40 |
| 297 | AFLMP1 encodes an antigenic cell wall protein in <i>Aspergillus flavus</i> . <i>Journal of Clinical Microbiology</i> , 2003 , 41, 845-50 | 9.7 | 40 |
| 296 | Competing endogenous RNA network profiling reveals novel host dependency factors required for MERS-CoV propagation. <i>Emerging Microbes and Infections</i> , 2020 , 9, 733-746 | 18.9 | 39 |
| 295 | A novel psittacine adenovirus identified during an outbreak of avian chlamydiosis and human psittacosis: zoonosis associated with virus-bacterium coinfection in birds. <i>PLoS Neglected Tropical Diseases</i> , 2014 , 8, e3318 | 4.8 | 39 |
| 294 | Identification of specific metabolites in culture supernatant of <i>Mycobacterium tuberculosis</i> using metabolomics: exploration of potential biomarkers. <i>Emerging Microbes and Infections</i> , 2015 , 4, e6 | 18.9 | 38 |
| 293 | Discovery of the FDA-approved drugs bexarotene, cetilistat, diiodohydroxyquinoline, and abiraterone as potential COVID-19 treatments with a robust two-tier screening system. <i>Pharmacological Research</i> , 2020 , 159, 104960 | 10.2 | 38 |

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|-----|--|------|----|
| 292 | An NS-segment exonic splicing enhancer regulates influenza A virus replication in mammalian cells. <i>Nature Communications</i> , 2017 , 8, 14751 | 17.4 | 36 |
| 291 | Detection of cell wall galactomannoprotein Afmp1p in culture supernatants of <i>Aspergillus fumigatus</i> and in sera of aspergillosis patients. <i>Journal of Clinical Microbiology</i> , 2002 , 40, 4382-7 | 9.7 | 36 |
| 290 | Serum Antibody Profile of a Patient With Coronavirus Disease 2019 Reinfection. <i>Clinical Infectious Diseases</i> , 2021 , 72, e659-e662 | 11.6 | 35 |
| 289 | Estimating Coronavirus Disease 2019 Infection Risk in Health Care Workers. <i>JAMA Network Open</i> , 2020 , 3, e209687 | 10.4 | 35 |
| 288 | Broad-Spectrum Host-Based Antivirals Targeting the Interferon and Lipogenesis Pathways as Potential Treatment Options for the Pandemic Coronavirus Disease 2019 (COVID-19). <i>Viruses</i> , 2020 , 12, | 6.2 | 34 |
| 287 | Characterization of SARS-CoV main protease and identification of biologically active small molecule inhibitors using a continuous fluorescence-based assay. <i>FEBS Letters</i> , 2004 , 576, 325-30 | 3.8 | 34 |
| 286 | Emerging SARS-CoV-2 variants expand species tropism to murines. <i>EBioMedicine</i> , 2021 , 73, 103643 | 8.8 | 34 |
| 285 | Lipid metabolites as potential diagnostic and prognostic biomarkers for acute community acquired pneumonia. <i>Diagnostic Microbiology and Infectious Disease</i> , 2016 , 85, 249-54 | 2.9 | 34 |
| 284 | Metabolomic Profiling of Plasma from Patients with Tuberculosis by Use of Untargeted Mass Spectrometry Reveals Novel Biomarkers for Diagnosis. <i>Journal of Clinical Microbiology</i> , 2015 , 53, 3750-9 | 9.7 | 33 |
| 283 | Evaluation of the commercially available LightMix [®] Modular E-gene kit using clinical and proficiency testing specimens for SARS-CoV-2 detection. <i>Journal of Clinical Virology</i> , 2020 , 129, 104476 | 14.5 | 33 |
| 282 | Unique reassortant of influenza A(H7N9) virus associated with severe disease emerging in Hong Kong. <i>Journal of Infection</i> , 2014 , 69, 60-8 | 18.9 | 33 |
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