

Xiaodong Zhuang

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.

36

papers

483

citations

12

h-index

20

g-index

42

ext. papers

758

ext. citations

7.1

avg, IF

3.95

L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 36 | The role of circadian clock pathways in viral replication.. <i>Seminars in Immunopathology</i> , 2022 , 44, 175 | 12 | 2 |
| 35 | Characterization of excipients to improve pharmaceutical properties of sirolimus in the supercritical anti-solvent fluidized process. <i>International Journal of Pharmaceutics</i> , 2021 , 611, 121240 | 6.5 | 0 |
| 34 | An immunodominant NP-B*07:02 cytotoxic T cell response controls viral replication and is associated with less severe COVID-19 disease. <i>Nature Immunology</i> , 2021 , | 19.1 | 19 |
| 33 | COVID-19, circadian rhythms and sleep: from virology to chronobiology.. <i>Interface Focus</i> , 2021 , 11, 20210043 | 3.9 | 3 |
| 32 | The circadian clock component BMAL1 regulates SARS-CoV-2 entry and replication in lung epithelial cells 2021 , | | 2 |
| 31 | Circadian control of hepatitis B virus replication. <i>Nature Communications</i> , 2021 , 12, 1658 | 17.4 | 12 |
| 30 | Hypoxic and pharmacological activation of HIF inhibits SARS-CoV-2 infection of lung epithelial cells. <i>Cell Reports</i> , 2021 , 35, 109020 | 10.6 | 22 |
| 29 | Hypoxia inducible factors regulate hepatitis B virus replication by activating the basal core promoter. <i>Journal of Hepatology</i> , 2021 , 75, 64-73 | 13.4 | 10 |
| 28 | The CCCTC-binding factor CTCF represses hepatitis B virus enhancer I and regulates viral transcription. <i>Cellular Microbiology</i> , 2021 , 23, e13274 | 3.9 | 5 |
| 27 | The Circadian Clock and Viral Infections. <i>Journal of Biological Rhythms</i> , 2021 , 36, 9-22 | 3.2 | 24 |
| 26 | Hypoxia-Inducible Factor 1 Alpha-Mediated RelB/APOBEC3B Down-regulation Allows Hepatitis B Virus Persistence. <i>Hepatology</i> , 2021 , 74, 1766-1781 | 11.2 | 7 |
| 25 | The circadian clock component BMAL1 regulates SARS-CoV-2 entry and replication in lung epithelial cells. <i>iScience</i> , 2021 , 24, 103144 | 6.1 | 9 |
| 24 | Clocks, Viruses, and Immunity: Lessons for the COVID-19 Pandemic. <i>Journal of Biological Rhythms</i> , 2021 , 36, 23-34 | 3.2 | 15 |
| 23 | CAR T cells targeting tumor endothelial marker CLEC14A inhibit tumor growth. <i>JCI Insight</i> , 2020 , 5, | 9.9 | 11 |
| 22 | Optimization of the supercritical fluidized bed process for sirolimus coating and drug release. <i>International Journal of Pharmaceutics</i> , 2020 , 589, 119809 | 6.5 | 4 |
| 21 | Hypoxic microenvironment shapes HIV-1 replication and latency. <i>Communications Biology</i> , 2020 , 3, 376 | 6.7 | 8 |
| 20 | Synchronised infection identifies early rate-limiting steps in the hepatitis B virus life cycle. <i>Cellular Microbiology</i> , 2020 , 22, e13250 | 3.9 | 9 |

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|----|--|------|----|
| 19 | Pharmacological activation of the circadian component REV-ERB inhibits HIV-1 replication. <i>Scientific Reports</i> , 2020 , 10, 13271 | 4.9 | 15 |
| 18 | The circadian clock components BMAL1 and REV-ERB β regulate flavivirus replication. <i>Nature Communications</i> , 2019 , 10, 377 | 17.4 | 41 |
| 17 | A dual role for SAMHD1 in regulating HBV cccDNA and RT-dependent particle genesis. <i>Life Science Alliance</i> , 2019 , 2, | 5.8 | 10 |
| 16 | Cabazitaxel liposomes with aptamer modification enhance tumor-targeting efficacy in nude mice. <i>Molecular Medicine Reports</i> , 2019 , 19, 490-498 | 2.9 | 12 |
| 15 | Daytime variation in hepatitis C virus replication kinetics following liver transplant. <i>Wellcome Open Research</i> , 2018 , 3, 96 | 4.8 | 7 |
| 14 | Glucose and glutamine availability regulate HepG2 transcriptional responses to low oxygen. <i>Wellcome Open Research</i> , 2018 , 3, 126 | 4.8 | 5 |
| 13 | Daytime variation in hepatitis C virus replication kinetics following liver transplant. <i>Wellcome Open Research</i> , 2018 , 3, 96 | 4.8 | 5 |
| 12 | Interplay between circadian clock and viral infection. <i>Journal of Molecular Medicine</i> , 2017 , 95, 1283-1289 | 5.5 | 33 |
| 11 | A Network Biology Approach Identifies Molecular Cross-Talk between Normal Prostate Epithelial and Prostate Carcinoma Cells. <i>PLoS Computational Biology</i> , 2016 , 12, e1004884 | 5 | 4 |
| 10 | Development of Antibody-Based Vaccines Targeting the Tumor Vasculature. <i>Methods in Molecular Biology</i> , 2016 , 1403, 839-49 | 1.4 | |
| 9 | Identification of novel vascular targets in lung cancer. <i>British Journal of Cancer</i> , 2015 , 112, 485-94 | 8.7 | 21 |
| 8 | Blocking CLEC14A-MMRN2 binding inhibits sprouting angiogenesis and tumour growth. <i>Oncogene</i> , 2015 , 34, 5821-31 | 9.2 | 36 |
| 7 | Human Leukocyte Antigen (HLA) A*1101-Restricted Epstein-Barr Virus-Specific T-cell Receptor Gene Transfer to Target Nasopharyngeal Carcinoma. <i>Cancer Immunology Research</i> , 2015 , 3, 1138-47 | 12.5 | 20 |
| 6 | Robo4 vaccines induce antibodies that retard tumor growth. <i>Angiogenesis</i> , 2015 , 18, 83-95 | 10.6 | 11 |
| 5 | Identification and angiogenic role of the novel tumor endothelial marker CLEC14A. <i>Oncogene</i> , 2012 , 31, 293-305 | 9.2 | 76 |
| 4 | Shear stress, tip cells and regulators of endothelial migration. <i>Biochemical Society Transactions</i> , 2011 , 39, 1571-5 | 5.1 | 19 |
| 3 | Hypoxic and Pharmacological Activation of HIF Inhibits SARS-CoV-2 Infection of Lung Epithelial Cells. <i>SSRN Electronic Journal</i> , | 1 | 2 |
| 2 | Synchronized infection identifies early rate-limiting steps in the hepatitis B virus life cycle | | 1 |

Absolute quantitation of individual SARS-CoV-2 RNA molecules: a new paradigm for infection dynamics and variant differences