

Xiaodong Zhuang

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

962
citations

535685

17
h-index

536525

29
g-index

42
all docs

42
docs citations

42
times ranked

1724
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of excipients to improve pharmaceutical properties of sirolimus in the supercritical anti-solvent fluidized process. <i>International Journal of Pharmaceutics</i> , 2022, 611, 121240.	2.6	6
2	An immunodominant NP105â€™113-B*07:02 cytotoxic T cell response controls viral replication and is associated with less severe COVID-19 disease. <i>Nature Immunology</i> , 2022, 23, 50-61.	7.0	110
3	Absolute quantitation of individual SARS-CoV-2 RNA molecules provides a new paradigm for infection dynamics and variant differences. <i>ELife</i> , 2022, 11, .	2.8	33
4	The role of circadian clock pathways in viral replication. <i>Seminars in Immunopathology</i> , 2022, 44, 175-182.	2.8	7
5	The <scp>CCCTC</scp> â€binding factor <scp>CTCF</scp> represses hepatitis B virus enhancer I and regulates viral transcription. <i>Cellular Microbiology</i> , 2021, 23, e13274.	1.1	17
6	The Circadian Clock and Viral Infections. <i>Journal of Biological Rhythms</i> , 2021, 36, 9-22.	1.4	52
7	Circadian control of hepatitis B virus replication. <i>Nature Communications</i> , 2021, 12, 1658.	5.8	28
8	Hypoxic and pharmacological activation of HIF inhibits SARS-CoV-2 infection of lung epithelial cells. <i>Cell Reports</i> , 2021, 35, 109020.	2.9	64
9	Hypoxia inducible factors regulate hepatitis B virus replication by activating the basal core promoter. <i>Journal of Hepatology</i> , 2021, 75, 64-73.	1.8	31
10	Hypoxiaâ€™Inducible Factor 1 Alphaâ€™Mediated RelB/APOBEC3B Downâ€™regulation Allows Hepatitis B Virus Persistence. <i>Hepatology</i> , 2021, 74, 1766-1781.	3.6	17
11	The circadian clock component BMAL1 regulates SARS-CoV-2 entry and replication in lung epithelial cells. <i>IScience</i> , 2021, 24, 103144.	1.9	34
12	Clocks, Viruses, and Immunity: Lessons for the COVID-19 Pandemic. <i>Journal of Biological Rhythms</i> , 2021, 36, 23-34.	1.4	28
13	COVID-19, circadian rhythms and sleep: from virology to chronobiology. <i>Interface Focus</i> , 2021, 11, 20210043.	1.5	12
14	Optimization of the supercritical fluidized bed process for sirolimus coating and drug release. <i>International Journal of Pharmaceutics</i> , 2020, 589, 119809.	2.6	9
15	Hypoxic microenvironment shapes HIV-1 replication and latency. <i>Communications Biology</i> , 2020, 3, 376.	2.0	22
16	Synchronised infection identifies early rateâ€™limiting steps in the hepatitis B virus life cycle. <i>Cellular Microbiology</i> , 2020, 22, e13250.	1.1	14
17	Pharmacological activation of the circadian component REV-ERB inhibits HIV-1 replication. <i>Scientific Reports</i> , 2020, 10, 13271.	1.6	33
18	CAR T cells targeting tumor endothelial marker CLEC14A inhibit tumor growth. <i>JCI Insight</i> , 2020, 5, .	2.3	23

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19	The circadian clock components BMAL1 and REV-ERB β regulate flavivirus replication. <i>Nature Communications</i> , 2019, 10, 377.	5.8	71
20	A dual role for SAMHD1 in regulating HBV cccDNA and RT-dependent particle genesis. <i>Life Science Alliance</i> , 2019, 2, e201900355.	1.3	18
21	Cabazitaxel liposomes with aptamer modification enhance tumor targeting efficacy in nude mice. <i>Molecular Medicine Reports</i> , 2018, 19, 490-498.	1.1	12
22	Daytime variation in hepatitis C virus replication kinetics following liver transplant. <i>Wellcome Open Research</i> , 2018, 3, 96.	0.9	9
23	Glucose and glutamine availability regulate HepG2 transcriptional responses to low oxygen. <i>Wellcome Open Research</i> , 2018, 3, 126.	0.9	6
24	Daytime variation in hepatitis C virus replication kinetics following liver transplant. <i>Wellcome Open Research</i> , 2018, 3, 96.	0.9	5
25	Interplay between circadian clock and viral infection. <i>Journal of Molecular Medicine</i> , 2017, 95, 1283-1289.	1.7	49
26	Development of Antibody-Based Vaccines Targeting the Tumor Vasculature. <i>Methods in Molecular Biology</i> , 2016, 1403, 839-849.	0.4	0
27	A Network Biology Approach Identifies Molecular Cross-Talk between Normal Prostate Epithelial and Prostate Carcinoma Cells. <i>PLoS Computational Biology</i> , 2016, 12, e1004884.	1.5	5
28	Blocking CLEC14A-MMRN2 binding inhibits sprouting angiogenesis and tumour growth. <i>Oncogene</i> , 2015, 34, 5821-5831.	2.6	46
29	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, 1138-1147.	1.6	30
30	Robo4 vaccines induce antibodies that retard tumor growth. <i>Angiogenesis</i> , 2015, 18, 83-95.	3.7	15
31	Identification of novel vascular targets in lung cancer. <i>British Journal of Cancer</i> , 2015, 112, 485-494.	2.9	25
32	Abstract LB-256: Immunotherapy using genetically modified T lymphocytes to target CLEC14A on the tumor vasculature. <i>Cancer Research</i> , 2014, 74, LB-256-LB-256.	0.4	1
33	Identification and angiogenic role of the novel tumor endothelial marker CLEC14A. <i>Oncogene</i> , 2012, 31, 293-305.	2.6	91
34	Shear stress, tip cells and regulators of endothelial migration. <i>Biochemical Society Transactions</i> , 2011, 39, 1571-1575.	1.6	24
35	Hypoxic and Pharmacological Activation of HIF Inhibits SARS-CoV-2 Infection of Lung Epithelial Cells. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2