Shoya Iwanami

List of Publications by Year in Descending Order

18 papers	**174** citations	**8** h-index	**13** g-index
27 ext. papers	**385** ext. citations	**5.4** avg, IF	**2.69** L-index

#	Paper	IF	Citations
18	Antithetic effect of interferon-α on cell-free and cell-to-cell HIV-1 infection.. *PLoS Computational Biology*, **2022**, 18, e1010053	5	0
17	Detection of significant antiviral drug effects on COVID-19 using viral load and PCR-positive rate in randomized controlled trials. *Translational and Regulatory Sciences*, **2021**, 3, 85-88	0.3	
16	A quantitative model used to compare within-host SARS-CoV-2, MERS-CoV, and SARS-CoV dynamics provides insights into the pathogenesis and treatment of SARS-CoV-2. *PLoS Biology*, **2021**, 19, e3001128	9.7	25
15	Potential anti-COVID-19 agents, cepharanthine and nelfinavir, and their usage for combination treatment. *IScience*, **2021**, 24, 102367	6.1	34
14	Mefloquine, a Potent Anti-severe Acute Respiratory Syndrome-Related Coronavirus 2 (SARS-CoV-2) Drug as an Entry Inhibitor. *Frontiers in Microbiology*, **2021**, 12, 651403	5.7	6
13	Time variation in the probability of failing to detect a case of polymerase chain reaction testing for SARS-CoV-2 as estimated from a viral dynamics model. *Journal of the Royal Society Interface*, **2021**, 18, 20200947	4.1	1
12	Estimation of the incubation period of COVID-19 using viral load data. *Epidemics*, **2021**, 35, 100454	5.1	12
11	Detection of significant antiviral drug effects on COVID-19 with reasonable sample sizes in randomized controlled trials: A modeling study. *PLoS Medicine*, **2021**, 18, e1003660	11.6	8
10	Revisiting the guidelines for ending isolation for COVID-19 patients. *ELife*, **2021**, 10,	8.9	4
9	Incomplete antiviral treatment may induce longer durations of viral shedding during SARS-CoV-2 infection. *Life Science Alliance*, **2021**, 4,	5.8	2
8	Should a viral genome stay in the host cell or leave? A quantitative dynamics study of how hepatitis C virus deals with this dilemma. *PLoS Biology*, **2020**, 18, e3000562	9.7	2
7	Quantitative Immunology by Data Analysis Using Mathematical Models **2019**, 984-992		1
6	Revealing uninfected and infected target cell dynamics from peripheral blood data in highly and less pathogenic simian/human immunodeficiency virus infected Rhesus macaque. *Journal of Theoretical Biology*, **2019**, 479, 29-36	2.3	1
5	A highly pathogenic simian/human immunodeficiency virus effectively produces infectious virions compared with a less pathogenic virus in cell culture. *Theoretical Biology and Medical Modelling*, **2017**, 14, 9	2.3	11
4	Modelling SARS-CoV-2 Dynamics: Implications for Therapy		15
3	Inferring Timing of Infection Using Within-host SARS-CoV-2 Infection Dynamics Model: Are Imported Cases Truly Imported?		8
2	Multidrug treatment with nelfinavir and cepharanthine against COVID-19		35

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