

Ashish Goyal

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7938646/ashish-goyal-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

43
papers

428
citations

11
h-index

19
g-index

45
ext. papers

642
ext. citations

4.8
avg, IF

4.67
L-index

#	Paper	IF	Citations
43	Potency and timing of antiviral therapy as determinants of duration of SARS-CoV-2 shedding and intensity of inflammatory response. <i>Science Advances</i> , 2020 , 6,	14.3	66
42	Viral load and contact heterogeneity predict SARS-CoV-2 transmission and super-spreading events. <i>ELife</i> , 2021 , 10,	8.9	52
41	The impact of vaccination and antiviral therapy on hepatitis B and hepatitis D epidemiology. <i>PLoS ONE</i> , 2014 , 9, e110143	3.7	34
40	In silico single cell dynamics of hepatitis B virus infection and clearance. <i>Journal of Theoretical Biology</i> , 2015 , 366, 91-102	2.3	27
39	Wrong person, place and time: viral load and contact network structure predict SARS-CoV-2 transmission and super-spreading events 2020 ,		26
38	Modeling HCV cure after an ultra-short duration of therapy with direct acting agents. <i>Antiviral Research</i> , 2017 , 144, 281-285	10.8	22
37	No recovery of replication-competent HIV-1 from human liver macrophages. <i>Journal of Clinical Investigation</i> , 2018 , 128, 4501-4509	15.9	22
36	Modelling the Impact of Cell-To-Cell Transmission in Hepatitis B Virus. <i>PLoS ONE</i> , 2016 , 11, e0161978	3.7	21
35	Potency and timing of antiviral therapy as determinants of duration of SARS CoV-2 shedding and intensity of inflammatory response		21
34	The Role of Infected Cell Proliferation in the Clearance of Acute HBV Infection in Humans. <i>Viruses</i> , 2017 , 9,	6.2	17
33	Within-host mathematical models of hepatitis B virus infection: Past, present, and future. <i>Current Opinion in Systems Biology</i> , 2019 , 18, 27-35	3.2	11
32	Roadmap to control HBV and HDV epidemics in China. <i>Journal of Theoretical Biology</i> , 2017 , 423, 41-52	2.3	7
31	Mathematical modeling explains differential SARS CoV-2 kinetics in lung and nasal passages in remdesivir treated rhesus macaques		7
30	The dynamics of integration, viral suppression and cell-cell transmission in the development of occult Hepatitis B virus infection. <i>Journal of Theoretical Biology</i> , 2018 , 455, 269-280	2.3	7
29	Slight reduction in SARS-CoV-2 exposure viral load due to masking results in a significant reduction in transmission with widespread implementation. <i>Scientific Reports</i> , 2021 , 11, 11838	4.9	6
28	MODELING AND ANALYSIS OF THE DEPLETION OF ORGANIC POLLUTANTS BY BACTERIA WITH EXPLICIT DEPENDENCE ON DISSOLVED OXYGEN. <i>Natural Resource Modelling</i> , 2014 , 27, 258-273	1.2	5
27	Modeling and analysis of the removal of an organic pollutant from a water body using fungi. <i>Applied Mathematical Modelling</i> , 2014 , 38, 4863-4871	4.5	5

26	Role of technology in combating social crimes: A modeling study. <i>European Journal of Applied Mathematics</i> , 2013 , 24, 501-514	1	5
25	Modeling the desalination of saline water by using bacteria and marsh plants. <i>Desalination</i> , 2011 , 277, 113-120	10.3	5
24	Recognizing the impact of endemic hepatitis D virus on hepatitis B virus eradication. <i>Theoretical Population Biology</i> , 2016 , 112, 60-69	1.2	5
23	Suppression of hepatitis B virus through therapeutic activation of RIG-I and IRF3 signaling in hepatocytes. <i>IScience</i> , 2021 , 24, 101969	6.1	5
22	Effect of interferon-alpha therapy on hepatitis D virus. <i>Hepatology</i> , 2015 , 61, 2117-8	11.2	4
21	Dynamics of in vivo hepatitis D virus infection. <i>Journal of Theoretical Biology</i> , 2016 , 398, 9-19	2.3	4
20	MODELING THE ROLE OF DISSOLVED OXYGEN-DEPENDENT BACTERIA ON BIODEGRADATION OF ORGANIC POLLUTANTS. <i>International Journal of Biomathematics</i> , 2014 , 07, 1450008	1.8	4
19	Tobacco epidemics: Effect of marketing bans and awareness programs on its spread. <i>Applied Mathematics and Computation</i> , 2014 , 247, 1030-1051	2.7	4
18	Slight reduction in SARS-CoV-2 exposure viral load due to masking results in a significant reduction in transmission with widespread implementation		4
17	Vaccines that prevent SARS-CoV-2 transmission may prevent or dampen a spring wave of COVID-19 cases and deaths in 2021		4
16	Early super-spreader events are a likely determinant of novel SARS-CoV-2 variant predominance		4
15	Cost-Effectiveness of Peg-Interferon, Interferon and Oral Nucleoside Analogues in the Treatment of Chronic Hepatitis B and D Infections in China. <i>Clinical Drug Investigation</i> , 2016 , 36, 637-48	3.2	4
14	A modeling study on the role of fungi in removing inorganic pollutants. <i>Mathematical Biosciences</i> , 2013 , 244, 116-24	3.9	3
13	Effects of habitat characteristics on the growth of carrier population leading to increased spread of typhoid fever: a model. <i>Journal of Epidemiology and Global Health</i> , 2014 , 4, 107-14	5.5	3
12	Endogenously Produced SARS-CoV-2 Specific IgG Antibodies May Have a Limited Impact on Clearing Nasal Shedding of Virus during Primary Infection in Humans. <i>Viruses</i> , 2021 , 13,	6.2	3
11	Mathematical Modeling of Vaccines That Prevent SARS-CoV-2 Transmission. <i>Viruses</i> , 2021 , 13,	6.2	3
10	Modeling the role of government efforts in controlling extremism in a society. <i>Mathematical Methods in the Applied Sciences</i> , 2015 , 38, 4300-4316	2.3	2
9	Machine learning for mathematical models of HCV kinetics during antiviral therapy. <i>Mathematical Biosciences</i> , 2021 , 108756	3.9	2

8	HIV influences clustering and intracellular replication of hepatitis C virus. <i>Journal of Viral Hepatitis</i> , 2021 , 28, 334-344	3.4	2
7	Can methane oxidising bacteria reduce global warming? A modelling study. <i>International Journal of Global Warming</i> , 2018 , 15, 82	0.6	1
6	Modeling-Based Response-Guided DAA Therapy for Chronic Hepatitis C to Identify Individuals for Shortening Treatment Duration.. <i>Open Forum Infectious Diseases</i> , 2022 , 9, ofac157	1	1
5	Screening for hepatitis D and PEG-Interferon over Tenofovir enhance general hepatitis control efforts in Brazil. <i>PLoS ONE</i> , 2018 , 13, e0203831	3.7	0
4	Multi-scale modelling reveals that early super-spreader events are a likely contributor to novel variant predominance.. <i>Journal of the Royal Society Interface</i> , 2022 , 19, 20210811	4.1	0
3	A model on the biological treatment of saline wastewater. <i>International Journal of Biomathematics</i> , 2017 , 10, 1750021	1.8	
2	Estimation of the in vivo neutralization potency of eCD4Ig and conditions for AAV-mediated production for SHIV long-term remission.. <i>Science Advances</i> , 2022 , 8, eabj5666	14.3	
1	Modeling reveals no direct role of the extent of HBV DNA integrations on the outcome of infection. <i>Journal of Theoretical Biology</i> , 2021 , 526, 110793	2.3	