

Jasmina Panovska-Griffiths

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6090040/publications.pdf>

Version: 2024-02-01

57
papers

3,013
citations

331670

21
h-index

214800

47
g-index

85
all docs

85
docs citations

85
times ranked

5125
citing authors

#	ARTICLE	IF	CITATIONS
1	Susceptibility to SARS-CoV-2 Infection Among Children and Adolescents Compared With Adults. <i>JAMA Pediatrics</i> , 2021, 175, 143.	6.2	707
2	Gene Regulatory Logic for Reading the Sonic Hedgehog Signaling Gradient in the Vertebrate Neural Tube. <i>Cell</i> , 2012, 148, 273-284.	28.9	417
3	Covasim: An agent-based model of COVID-19 dynamics and interventions. <i>PLoS Computational Biology</i> , 2021, 17, e1009149.	3.2	330
4	Determining the optimal strategy for reopening schools, the impact of test and trace interventions, and the risk of occurrence of a second COVID-19 epidemic wave in the UK: a modelling study. <i>The Lancet Child and Adolescent Health</i> , 2020, 4, 817-827.	5.6	282
5	Can mathematical modelling solve the current Covid-19 crisis?. <i>BMC Public Health</i> , 2020, 20, 551.	2.9	97
6	Genomic reconstruction of the SARS-CoV-2 epidemic in England. <i>Nature</i> , 2021, 600, 506-511.	27.8	80
7	Controlling COVID-19 via test-trace-quarantine. <i>Nature Communications</i> , 2021, 12, 2993.	12.8	74
8	A gene regulatory motif that generates oscillatory or multiway switch outputs. <i>Journal of the Royal Society Interface</i> , 2013, 10, 20120826.	3.4	61
9	Monitoring Cerebral Autoregulation After Brain Injury. <i>Anesthesia and Analgesia</i> , 2015, 121, 198-205.	2.2	56
10	Effect of mass paediatric influenza vaccination on existing influenza vaccination programmes in England and Wales: a modelling and cost-effectiveness analysis. <i>Lancet Public Health</i> , The, 2017, 2, e74-e81.	10.0	42
11	Evaluating the next generation of RSV intervention strategies: a mathematical modelling study and cost-effectiveness analysis. <i>BMC Medicine</i> , 2020, 18, 348.	5.5	39
12	Machine learning assisted DSC-MRI radiomics as a tool for glioma classification by grade and mutation status. <i>BMC Medical Informatics and Decision Making</i> , 2020, 20, 149.	3.0	38
13	Modelling the potential impact of mask use in schools and society on COVID-19 control in the UK. <i>Scientific Reports</i> , 2021, 11, 8747.	3.3	36
14	Mathematical Model for Low Density Lipoprotein (LDL) Endocytosis by Hepatocytes. <i>Bulletin of Mathematical Biology</i> , 2008, 70, 2303-2333.	1.9	35
15	Comparing the diagnostic accuracy of point-of-care lateral flow antigen testing for SARS-CoV-2 with RT-PCR in primary care (REAP-2). <i>EClinicalMedicine</i> , 2021, 38, 101011.	7.1	33
16	Testing, tracing and isolation in compartmental models. <i>PLoS Computational Biology</i> , 2021, 17, e1008633.	3.2	32
17	Challenges for modelling interventions for future pandemics. <i>Epidemics</i> , 2022, 38, 100546.	3.0	30
18	How should HIV resources be allocated? Lessons learnt from applying Optima HIV in 23 countries. <i>Journal of the International AIDS Society</i> , 2018, 21, e25097.	3.0	29

#	ARTICLE	IF	CITATIONS
19	Diagnostic accuracy of dynamic contrast-enhanced perfusion MRI in stratifying gliomas: A systematic review and meta-analysis. <i>Cancer Medicine</i> , 2019, 8, 5564-5573.	2.8	27
20	Factors associated with COVID-19 related hospitalisation, critical care admission and mortality using linked primary and secondary care data. <i>Influenza and Other Respiratory Viruses</i> , 2021, 15, 577-588.	3.4	24
21	The diagnostic role of diffusional kurtosis imaging in glioma grading and differentiation of gliomas from other intra-axial brain tumours: a systematic review with critical appraisal and meta-analysis. <i>Neuroradiology</i> , 2020, 62, 791-802.	2.2	23
22	A theoretical study of the response of vascular tumours to different types of chemotherapy. <i>Mathematical and Computer Modelling</i> , 2008, 47, 560-579.	2.0	22
23	Estimates for quality of life loss due to Respiratory Syncytial Virus. <i>Influenza and Other Respiratory Viruses</i> , 2020, 14, 19-27.	3.4	19
24	Mathematical modeling as a tool for policy decision making: Applications to the COVID-19 pandemic. <i>Handbook of Statistics</i> , 2021, , 291-326.	0.6	19
25	Commentary on the use of the reproduction number R during the COVID-19 pandemic. <i>Statistical Methods in Medical Research</i> , 2022, 31, 1675-1685.	1.5	18
26	Are we prepared for the next influenza pandemic? Lessons from modelling different preparedness policies against four pandemic scenarios. <i>Journal of Theoretical Biology</i> , 2019, 481, 223-232.	1.7	17
27	Modelling the Health and Economic Impacts of Population-Wide Testing, Contact Tracing and Isolation (PTTI) Strategies for COVID-19 in the UK. <i>SSRN Electronic Journal</i> , 0, , .	0.4	15
28	Impact of the first national COVID-19 lockdown on referral of women experiencing domestic violence and abuse in England and Wales. <i>BMC Public Health</i> , 2022, 22, 504.	2.9	12
29	PRimary care rEsponse to domestic violence and abuse in the COvid-19 panDEmic (PRECODE): protocol of a rapid mixed-methods study in the UK. <i>BMC Family Practice</i> , 2021, 22, 91.	2.9	11
30	Modelling the impact of reopening schools in the UK in early 2021 in the presence of the alpha variant and with roll-out of vaccination against SARS-CoV-2. <i>Journal of Mathematical Analysis and Applications</i> , 2022, 514, 126050.	1.0	11
31	Modelling Cerebrovascular Reactivity: A Novel Near-Infrared Biomarker of Cerebral Autoregulation?. <i>Advances in Experimental Medicine and Biology</i> , 2013, 765, 87-93.	1.6	10
32	Factors Associated with Variations in Population HIV Prevalence across West Africa: Findings from an Ecological Analysis. <i>PLoS ONE</i> , 2015, 10, e0142601.	2.5	10
33	Evaluating the impact of post-trial implementation of RHIVA nurse-led HIV screening on HIV testing, diagnosis and earlier diagnosis in general practice in London, UK. <i>EClinicalMedicine</i> , 2020, 19, 100229.	7.1	9
34	Longitudinal structural and perfusion MRI enhanced by machine learning outperforms standalone modalities and radiological expertise in high-grade glioma surveillance. <i>Neuroradiology</i> , 2021, 63, 2047-2056.	2.2	9
35	Optimal Allocation of Resources in Female Sex Worker Targeted HIV Prevention Interventions: Model Insights from Avahan in South India. <i>PLoS ONE</i> , 2014, 9, e107066.	2.5	9
36	Exploring the role of mass immunisation in influenza pandemic preparedness: A modelling study for the UK context. <i>Vaccine</i> , 2020, 38, 5163-5170.	3.8	8

#	ARTICLE	IF	CITATIONS
37	Determining the level of social distancing necessary to avoid future COVID-19 epidemic waves: a modelling study for North East London. <i>Scientific Reports</i> , 2021, 11, 5806.	3.3	8
38	Exploring overcrowding trends in an inner city emergence department in the UK before and during COVID-19 epidemic. <i>BMC Emergency Medicine</i> , 2021, 21, 43.	1.9	8
39	Optima TB: A tool to help optimally allocate tuberculosis spending. <i>PLoS Computational Biology</i> , 2021, 17, e1009255.	3.2	8
40	Modelling: Understanding pandemics and how to control them. <i>Epidemics</i> , 2022, 39, 100588.	3.0	8
41	Systematic review: Investigating the prognostic performance of four non-invasive tests in alcohol-related liver disease. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2021, 36, 1435-1449.	2.8	7
42	Is there scope to improve the selection of patients with alcohol-related liver disease for referral to secondary care? A retrospective analysis of primary care referrals to a UK liver centre, incorporating simple blood tests. <i>BMJ Open</i> , 2021, 11, e047786.	1.9	7
43	Role of diffusional kurtosis imaging in grading of brain gliomas: a protocol for systematic review and meta-analysis. <i>BMJ Open</i> , 2018, 8, e025123.	1.9	6
44	A method for evaluating the cost-benefit of different preparedness planning policies against pandemic influenza. <i>MethodsX</i> , 2020, 7, 100870.	1.6	6
45	Jointly Modelling Economics and Epidemiology to Support Public Policy Decisions for the COVID-19 Response: A Review of UK Studies. <i>Pharmacoeconomics</i> , 2021, 39, 879-887.	3.3	6
46	Rule-based epidemic models. <i>Journal of Theoretical Biology</i> , 2021, 530, 110851.	1.7	6
47	Schools should still be the last to close and first to open if there were any future lockdown. <i>BMJ The</i> , 2022, 376, o21.	6.0	5
48	Applying the "no-one worse off" criterion to design Pareto efficient HIV responses in Sudan and Togo. <i>Aids</i> , 2019, 33, 1247-1252.	2.2	4
49	Mathematical Modelling of Near-Infrared Spectroscopy Signals and Intracranial Pressure in Brain-Injured Patients. <i>Advances in Experimental Medicine and Biology</i> , 2013, 789, 345-351.	1.6	3
50	A novel approach to evaluating the UK childhood immunisation schedule: estimating the effective coverage vector across the entire vaccine programme. <i>BMC Infectious Diseases</i> , 2015, 15, 585.	2.9	3
51	A method for evaluating and comparing immunisation schedules that cover multiple diseases: Illustrative application to the UK routine childhood vaccine schedule. <i>Vaccine</i> , 2018, 36, 5340-5347.	3.8	3
52	Rapid, early and accurate SARS-CoV-2 detection using RT-qPCR in primary care: a prospective cohort study (REAP-1). <i>BMJ Open</i> , 2021, 11, e045225.	1.9	3
53	Modelling the health and economic impacts of different testing and tracing strategies for COVID-19 in the UK. <i>F1000Research</i> , 0, 9, 1454.	1.6	3
54	Disruption of a primary health care domestic violence and abuse service in two London boroughs: interrupted time series evaluation. <i>BMC Health Services Research</i> , 2020, 20, 569.	2.2	2

#	ARTICLE	IF	CITATIONS
55	Role of diffusional kurtosis imaging in grading of brain gliomas: A diagnostic test accuracy systematic review and meta-analysis. <i>Neuro-Oncology</i> , 2019, 21, iv12-iv12.	1.2	0
56	Response to the letter by Prof Jonathan Deeks to the <i>Lancet EClinicalMedicine</i> editor. <i>EClinicalMedicine</i> , 2021, 40, 101104.	7.1	0
57	Repeatability of perfusion measurements in adult gliomas using pulsed and pseudo-continuous arterial spin labelling MRI. <i>Magnetic Resonance Materials in Physics, Biology, and Medicine</i> , 2022, 35, 113-125.	2.0	0