Jasmina Panovska-Griffiths

List of Publications by Year
in descending order

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	Commentary on the use of the reproduction number R during the COVID-19 pandemic. Statistical Methods in Medical Research, 2022, 31, 1675-1685.	1.5	18
2	Repeatability of perfusion measurements in adult gliomas using pulsed and pseudo-continuous arterial spin labelling MRI. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2022, 35, 113-125.	2.0	0
3	Schools should still be the last to close and first to open if there were any future lockdown. BMJ, The, 2022, 376, o21.	6.0	5
4	Challenges for modelling interventions for future pandemics. Epidemics, 2022, 38, 100546.	3.0	30
5	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. Journal of Mathematical Analysis and Applications, 2022, 514, 126050.	1.0	11
6	Impact of the first national COVID-19 lockdown on referral of women experiencing domestic violence and abuse in England and Wales. BMC Public Health, 2022, 22, 504.	2.9	12
7	Modelling: Understanding pandemics and how to control them. Epidemics, 2022, 39, 100588.	3.0	8
8	Susceptibility to SARS-CoV-2 Infection Among Children and Adolescents Compared With Adults. JAMA Pediatrics, 2021, 175, 143.	6.2	707
9	Systematic review: Investigating the prognostic performance of four non‐invasive tests in alcohol‐related liver disease. Journal of Gastroenterology and Hepatology (Australia), 2021, 36, 1435-1449.	2.8	7
10	Mathematical modeling as a tool for policy decision making: Applications to the COVID-19 pandemic. Handbook of Statistics, 2021, , 291-326.	0.6	19
11	Determining the level of social distancing necessary to avoid future COVID-19 epidemic waves: a modelling study for North East London. Scientific Reports, 2021, 11, 5806.	3.3	8
12	Testing, tracing and isolation in compartmental models. PLoS Computational Biology, 2021, 17, e1008633.	3.2	32
13	Modelling the potential impact of mask use in schools and society on COVID-19 control in the UK. Scientific Reports, 2021, 11, 8747.	3.3	36
14	Exploring overcrowding trends in an inner city emergence department in the UK before and during COVID-19 epidemic. BMC Emergency Medicine, 2021, 21, 43.	1.9	8
15	Longitudinal structural and perfusion MRI enhanced by machine learning outperforms standalone modalities and radiological expertise in high-grade glioma surveillance. Neuroradiology, 2021, 63, 2047-2056.	2.2	9
16	PRimary care rEsponse to domestic violence and abuse in the COvid-19 panDEmic (PRECODE): protocol of a rapid mixed-methods study in the UK. BMC Family Practice, 2021, 22, 91.	2.9	11
17	Controlling COVID-19 via test-trace-quarantine. Nature Communications, 2021, 12, 2993.	12.8	74
18	Factors associated with COVID‐19 related hospitalisation, critical care admission and mortality using linked primary and secondary care data. Influenza and Other Respiratory Viruses, 2021, 15, 577-588.	3.4	24

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19	Jointly Modelling Economics and Epidemiology to Support Public Policy Decisions for the COVID-19 Response: A Review of UK Studies. Pharmacoeconomics, 2021, 39, 879-887.	3.3	6
20	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. BMJ Open, 2021, 11, e047786.	1.9	7
21	Covasim: An agent-based model of COVID-19 dynamics and interventions. PLoS Computational Biology, 2021, 17, e1009149.	3.2	330
22	Comparing the diagnostic accuracy of point-of-care lateral flow antigen testing for SARS-CoV-2 with RT-PCR in primary care (REAP-2). EClinicalMedicine, 2021, 38, 101011.	7.1	33
23	Rapid, early and accurate SARS-CoV-2 detection using RT-qPCR in primary care: a prospective cohort study (REAP-1). BMJ Open, 2021, 11, e045225.	1.9	3
24	Optima TB: A tool to help optimally allocate tuberculosis spending. PLoS Computational Biology, 2021, 17, e1009255.	3.2	8
25	Response to the letter by Prof Jonathan Deeks to the Lancet EClinicalMedicine editor. EClinicalMedicine, 2021, 40, 101104.	7.1	0
26	Rule-based epidemic models. Journal of Theoretical Biology, 2021, 530, 110851.	1.7	6
27	Genomic reconstruction of the SARS-CoV-2 epidemic in England. Nature, 2021, 600, 506-511.	27.8	80
28	Estimates for quality of life loss due to Respiratory Syncytial Virus. Influenza and Other Respiratory Viruses, 2020, 14, 19-27.	3.4	19
29	Exploring the role of mass immunisation in influenza pandemic preparedness: A modelling study for the UK context. Vaccine, 2020, 38, 5163-5170.	3.8	8
30	Evaluating the next generation of RSV intervention strategies: a mathematical modelling study and cost-effectiveness analysis. BMC Medicine, 2020, 18, 348.	5.5	39
31	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. The Lancet Child and Adolescent Health, 2020, 4, 817-827.	5.6	282
32	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. Neuroradiology, 2020, 62, 791-802.	2.2	23
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. EClinicalMedicine, 2020, 19, 100229.	7.1	9
34	A method for evaluating the cost-benefit of different preparedness planning policies against pandemic influenza. MethodsX, 2020, 7, 100870.	1.6	6
35	Machine learning assisted DSC-MRI radiomics as a tool for glioma classification by grade and mutation status. BMC Medical Informatics and Decision Making, 2020, 20, 149.	3.0	38
36	Disruption of a primary health care domestic violence and abuse service in two London boroughs: interrupted time series evaluation. BMC Health Services Research, 2020, 20, 569.	2.2	2

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37	Can mathematical modelling solve the current Covid-19 crisis?. BMC Public Health, 2020, 20, 551.	2.9	97
38	Diagnostic accuracy of dynamic contrast‐enhanced perfusion MRI in stratifying gliomas: A systematic review and meta‐analysis. Cancer Medicine, 2019, 8, 5564-5573.	2.8	27
39	Role of diffusional kurtosis imaging in grading of brain gliomas: A diagnostic test accuracy systematic review and meta-analysis. Neuro-Oncology, 2019, 21, iv12-iv12.	1.2	0
40	Are we prepared for the next influenza pandemic? Lessons from modelling different preparedness policies against four pandemic scenarios. Journal of Theoretical Biology, 2019, 481, 223-232.	1.7	17
41	Applying the 'no-one worse off' criterion to design Pareto efficient HIV responses in Sudan and Togo. Aids, 2019, 33, 1247-1252.	2.2	4
42	How should HIV resources be allocated? Lessons learnt from applying Optima HIV in 23 countries. Journal of the International AIDS Society, 2018, 21, e25097.	3.0	29
43	Role of diffusional kurtosis imaging in grading of brain gliomas: a protocol for systematic review and meta-analysis. BMJ Open, 2018, 8, e025123.	1.9	6
44	A method for evaluating and comparing immunisation schedules that cover multiple diseases: Illustrative application to the UK routine childhood vaccine schedule. Vaccine, 2018, 36, 5340-5347.	3.8	3
45	Effect of mass paediatric influenza vaccination on existing influenza vaccination programmes in England and Wales: a modelling and cost-effectiveness analysis. Lancet Public Health, The, 2017, 2, e74-e81.	10.0	42
46	A novel approach to evaluating the UK childhood immunisation schedule: estimating the effective coverage vector across the entire vaccine programme. BMC Infectious Diseases, 2015, 15, 585.	2.9	3
47	Monitoring Cerebral Autoregulation After Brain Injury. Anesthesia and Analgesia, 2015, 121, 198-205.	2.2	56
48	Factors Associated with Variations in Population HIV Prevalence across West Africa: Findings from an Ecological Analysis. PLoS ONE, 2015, 10, e0142601.	2.5	10
49	Optimal Allocation of Resources in Female Sex Worker Targeted HIV Prevention Interventions: Model Insights from Avahan in South India. PLoS ONE, 2014, 9, e107066.	2.5	9
50	A gene regulatory motif that generates oscillatory or multiway switch outputs. Journal of the Royal Society Interface, 2013, 10, 20120826.	3.4	61
51	Mathematical Modelling of Near-Infrared Spectroscopy Signals and Intracranial Pressure in Brain-Injured Patients. Advances in Experimental Medicine and Biology, 2013, 789, 345-351.	1.6	3
52	Modelling Cerebrovascular Reactivity: A Novel Near-Infrared Biomarker of Cerebral Autoregulation?. Advances in Experimental Medicine and Biology, 2013, 765, 87-93.	1.6	10
53	Gene Regulatory Logic for Reading the Sonic Hedgehog Signaling Gradient in the Vertebrate Neural Tube. Cell, 2012, 148, 273-284.	28.9	417
54	Mathematical Model for Low Density Lipoprotein (LDL) Endocytosis by Hepatocytes. Bulletin of Mathematical Biology, 2008, 70, 2303-2333.	1.9	35

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55	A theoretical study of the response of vascular tumours to different types of chemotherapy. Mathematical and Computer Modelling, 2008, 47, 560-579.	2.0	22
56	Modelling the health and economic impacts of different testing and tracing strategies for COVID-19 in the UK. F1000Research, 0, 9, 1454.	1.6	3
57	Modelling the Health and Economic Impacts of Population-Wide Testing, Contact Tracing and Isolation (PTTI) Strategies for COVID-19 in the UK. SSRN Electronic Journal, 0, , .	0.4	15