Samuel Clifford

List of Publications by Year
in descending order

63	9,219	236925 25	118850 62
papers	citations	h-index	g-index

78	78	78	14843
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Feasibility of controlling COVID-19 outbreaks by isolation of cases and contacts. The Lancet Global Health, 2020, 8, e488-e496.	6.3	2,067
2	Early dynamics of transmission and control of COVID-19: a mathematical modelling study. Lancet Infectious Diseases, The, 2020, 20, 553-558.	9.1	1,999
3	The effect of control strategies to reduce social mixing on outcomes of the COVID-19 epidemic in Wuhan, China: a modelling study. Lancet Public Health, The, 2020, 5, e261-e270.	10.0	1,600
4	Effects of non-pharmaceutical interventions on COVID-19 cases, deaths, and demand for hospital services in the UK: a modelling study. Lancet Public Health, The, 2020, 5, e375-e385.	10.0	730
5	COVID-19 length of hospital stay: a systematic review and data synthesis. BMC Medicine, 2020, 18, 270.	5.5	430
6	Airborne particles in indoor environment of homes, schools, offices and aged care facilities: The main routes of exposure. Environment International, 2017, 108, 75-83.	10.0	256
7	Effectiveness of airport screening at detecting travellers infected with novel coronavirus (2019-nCoV). Eurosurveillance, 2020, 25, .	7.0	251
8	Quarantine and testing strategies in contact tracing for SARS-CoV-2: a modelling study. Lancet Public Health, The, 2021, 6, e175-e183.	10.0	156
9	Effect of internationally imported cases on internal spread of COVID-19: a mathematical modelling study. Lancet Public Health, The, 2021, 6, e12-e20.	10.0	153
10	Reconstructing the early global dynamics of under-ascertained COVID-19 cases and infections. BMC Medicine, 2020, 18, 332.	5.5	129
11	Children's well-being at schools: Impact of climatic conditions and air pollution. Environment International, 2016, 94, 196-210.	10.0	128
12	School Childrenâ€™s Personal Exposure to Ultrafine Particles in the Urban Environment. Environmental Science & Technology, 2014, 48, 113-120.	10.0	91
13	Effects of exposure to ambient ultrafine particles on respiratory health and systemic inflammation in children. Environment International, 2018, 114, 167-180.	10.0	85
14	Identification of technical problems affecting performance of DustTrak DRX aerosol monitors. Science of the Total Environment, 2017, 584-585, 849-855.	8.0	50
15	Using the Generalised Additive Model to model the particle number count of ultrafine particles. Atmospheric Environment, 2011, 45, 5934-5945.	4.1	41
16	Estimating the spatiotemporal variation of NO2 concentration using an adaptive neuro-fuzzy inference system. Environmental Modelling and Software, 2018, 100, 222-235.	4.5	40
17	Investigations into factors affecting personal exposure to particles in urban microenvironments using low-cost sensors. Environment International, 2018, 120, 496-504.	10.0	40
18	Characteristics of ultrafine particle sources and deposition rates in primary school classrooms. Atmospheric Environment, 2014, 94, 28-35.	4.1	39

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19	A satellite-based model for estimating PM2.5 concentration in a sparsely populated environment using soft computing techniques. Environmental Modelling and Software, 2017, 88, 84-92.	4.5	39
20	Effectiveness of interventions targeting air travellers for delaying local outbreaks of SARS-CoV-2. Journal of Travel Medicine, 2020, 27, .	3.0	39
21	Assessment and application of clustering techniques to atmospheric particle number size distribution for the purpose of source apportionment. Atmospheric Chemistry and Physics, 2014, 14, 11883-11892.	4.9	38
22	Spatial Variation of Particle Number Concentration in School Microscale Environments and Its Impact on Exposure Assessment. Environmental Science & Technology, 2013, 47, 5251-5258.	10.0	36
23	Airborne viable fungi in school environments in different climatic regions â€“ A review. Atmospheric Environment, 2015, 104, 186-194.	4.1	34
24	Development of a land use regression model for daily NO 2 and NO x concentrations in the Brisbane metropolitan area, Australia. Environmental Modelling and Software, 2017, 95, 168-179.	4.5	32
25	Inferring the number of COVID-19 cases from recently reported deaths. Wellcome Open Research, 2020, 5, 78.	1.8	31
26	The effect of travel restrictions on the geographical spread of COVID-19 between large cities in China: a modelling study. BMC Medicine, 2020, 18, 259.	5.5	28
27	Polybrominated diphenyl ethers (PBDEs) in dust from primary schools in South East Queensland, Australia. Environmental Research, 2015, 142, 135-140.	7.5	27
28	Nocturnal new particle formation events in urban environments. Atmospheric Chemistry and Physics, 2017, 17, 521-530.	4.9	27
29	Children's personal exposure to air pollution in rural villages in Bhutan. Environmental Research, 2015, 140, 691-698.	7.5	26
30	Characteristics of school children's personal exposure to ultrafine particles in Heshan, Pearl River Delta, China â€“ A pilot study. Environment International, 2019, 132, 105134.	10.0	26
31	Endotoxin levels and contribution factors of endotoxins in resident, school, and office environments â€” A review. Atmospheric Environment, 2016, 142, 360-369.	4.1	25
32	Estimate of main local sources to ambient ultrafine particle number concentrations in an urban area. Atmospheric Research, 2017, 194, 178-189.	4.1	25
33	Airborne culturable fungi in naturally ventilated primary school environments in a subtropical climate. Atmospheric Environment, 2015, 106, 412-418.	4.1	23
34	Ultrafine Particles from Traffic Emissions and Childrenâ€™s Health (UPTECH) in Brisbane, Queensland (Australia): Study Design and Implementation. International Journal of Environmental Research and Public Health, 2015, 12, 1687-1702.	2.6	22
35	Using Boosted Regression Trees and Remotely Sensed Data to Drive Decision-Making. Open Journal of Statistics, 2017, 07, 859-875.	0.7	22
36	Endotoxins in Indoor Air and Settled Dust in Primary Schools in a Subtropical Climate. Environmental Science & Technology, 2013, 47, 9882-9890.	10.0	21

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37	Strategies to reduce the risk of SARS-CoV-2 importation from international travellers: modelling estimations for the United Kingdom, July 2020. Eurosurveillance, 2021, 26, .	7.0	20
38	Evaluation of a statistical forecast model for size-fractionated urban particle number concentrations using data from five European cities. Journal of Aerosol Science, 2013, 66, 96-110.	3.8	19
39	Modelling imperfect presence data obtained by citizen science. Environmetrics, 2017, 28, e2446.	1.4	19
40	New insights into the spatial distribution of particle number concentrations by applying non-parametric land use regression modelling. Science of the Total Environment, 2020, 702, 134708.	8.0	18
41	Using trained dogs and organic semi-conducting sensors to identify asymptomatic and mild SARS-CoV-2 infections: an observational study. Journal of Travel Medicine, 2022, 29, .	3.0	18
42	Travel measures in the SARS-CoV-2 variant era need clear objectives. Lancet, The, 2022, 399, 1367-1369.	13.7	17
43	Using virtual reality to estimate aesthetic values of coral reefs. Royal Society Open Science, 2018, 5, 172226.	2.4	14
44	Atmospheric Visibility and PM10 as Indicators of New Particle Formation in an Urban Environment. Environmental Science & Technology, 2015, 49, 12751-12757.	10.0	13
45	Characterisation of a Commercially Available Thermodenuder and Diffusion Drier for Ultrafine Particles Losses. Aerosol and Air Quality Research, 2015, 15, 357-363.	2.1	13
46	A population of bang-bang switches of defective interfering particles makes within-host dynamics of dengue virus controllable. PLoS Computational Biology, 2019, 15, e1006668.	3.2	12
47	Serostatus testing and dengue vaccine costâ€“benefit thresholds. Journal of the Royal Society Interface, 2019, 16, 20190234.	3.4	12
48	Health care worker vaccination against Ebola: Vaccine acceptance and employment duration in Sierra Leone. Vaccine, 2019, 37, 1101-1108.	3.8	10
49	Monitoring through many eyes: Integrating disparate datasets to improve monitoring of the Great Barrier Reef. Environmental Modelling and Software, 2020, 124, 104557.	4.5	9
50	Using virtual reality and thermal imagery to improve statistical modelling of vulnerable and protected species. PLoS ONE, 2019, 14, e0217809.	2.5	8
51	Virtual reality for conservation. , 2016, , .		7
52	Evaluating health facility access using Bayesian spatial models and location analysis methods. PLoS ONE, 2019, 14, e0218310.	2.5	7
53	Association of pneumococcal carriage in infants with the risk of carriage among their contacts in Nha Trang, Vietnam: A nested cross-sectional survey. PLoS Medicine, 2022, 19, e1004016.	8.4	7
54	Recent Bayesian approaches for spatial analysis of 2-D images with application to environmental modelling. Environmental and Ecological Statistics, 2015, 22, 571-600.	3.5	5

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55	Application of multi-metric approach to characterization of particle emissions from nanotechnology and non-nanotechnology processes. Journal of Occupational and Environmental Hygiene, 2016, 13, D175-D197.	1.0	5
56	Influence of Spatial Aggregation on Prediction Accuracy of Green Vegetation Using Boosted Regression Trees. Remote Sensing, 2018, 10, 1260.	4.0	5
57	A Bayesian spatiotemporal model of panel design data: Airborne particle number concentration in Brisbane, Australia. Environmetrics, 2019, 30, e2597.	1.4	5
58	Estimation of country-level incidence of early-onset invasive Group B Streptococcus disease in infants using Bayesian methods. PLoS Computational Biology, 2021, 17, e1009001.	3.2	3
59	Are There Generalizable Trends in the Release of Airborne Synthetic Clay Nanoparticles from a Jet Milling Process?. Aerosol and Air Quality Research, 2015, 15, 365-375.	2.1	3
60	Ultrafine particle exposure and biomarkers of effect on small airways in children. Environmental Research, 2022, 214, 113860.	7.5	3
61	Joint-level energetics differentiate isoinertial from speed-power resistance trainingâ€”a Bayesian analysis. PeerJ, 2018, 6, e4620.	2.0	1
62	Bayesian Modelling to Assist Inference on Health Outcomes in Occupational Health Surveillance. Lecture Notes in Mathematics, 2020, , 327-343.	0.2	0
63	Designing a multi-layered surveillance approach to detecting SARS-CoV-2: A modelling study. Wellcome Open Research, 0, 5, 218.	1.8	0