Marco-Felipe King

List of Publications by Year
in descending order

35	822	516215 16	525886 27
papers	citations	h-index	g-index

36	36	36	854
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Modeling fomiteâ€mediated SARSâ€CoVâ€2 exposure through personal protective equipment doffing in a hospital environment. Indoor Air, 2022, 32, .	2.0	10
2	Healthcare-acquired clusters of COVID-19 across multiple wards in a Scottish health board. Journal of Hospital Infection, 2022, 120, 23-30.	1.4	8
3	Modeling the factors that influence exposure to SARSâ€CoVâ€2 on a subway train carriage. Indoor Air, 2022, 32, e12976.	2.0	19
4	Effect of Relative Humidity on Transfer of Aerosol-Deposited Artificial and Human Saliva from Surfaces to Artificial Finger-Pads. Viruses, 2022, 14, 1048.	1.5	6
5	Interventions to prevent surface transmission of an infectious virus based on real human touch behavior: a case study of the norovirus. International Journal of Infectious Diseases, 2022, 122, 83-92.	1.5	2
6	Frequency of hand-to-head, -mouth, -eyes, and -nose contacts for adults and children during eating and non-eating macro-activities. Journal of Exposure Science and Environmental Epidemiology, 2021, 31, 34-44.	1.8	16
7	Why is mock care not a good proxy for predicting hand contamination during patient care?. Journal of Hospital Infection, 2021, 109, 44-51.	1.4	8
8	Systematic review on use, cost and clinical efficacy of automated decontamination devices. Antimicrobial Resistance and Infection Control, 2021, 10, 34.	1.5	17
9	The ventilation of buildings and other mitigating measures for COVID-19: a focus on wintertime. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2021, 477, 20200855.	1.0	47
10	Effects of patient room layout on viral accruement on healthcare professionals' hands. Indoor Air, 2021, 31, 1657-1672.	2.0	5
11	What is the relationship between indoor air quality parameters and airborne microorganisms in hospital environments? A systematic review and metaâ€analysis. Indoor Air, 2021, 31, 1308-1322.	2.0	26
12	Respirators, face masks, and their risk reductions via multiple transmission routes for first responders within an ambulance. Journal of Occupational and Environmental Hygiene, 2021, 18, 345-360.	0.4	1
13	Integrating CFD and exposure modeling for estimating viral exposures at the air-surface interface. , 2021, , .		0
14	Comparing approaches for modelling indirect contact transmission of infectious diseases. Journal of the Royal Society Interface, 2021, 18, 20210281.	1.5	3
15	Evaluating single-sided natural ventilation models against full-scale idealised measurements: Impact of wind direction and turbulence. Building and Environment, 2020, 170, 106556.	3.0	24
16	Evaluating a transfer gradient assumption in a fomite-mediated microbial transmission model using an experimental and Bayesian approach. Journal of the Royal Society Interface, 2020, 17, 20200121.	1.5	20
17	Influence of ventilation use and occupant behaviour on surface microorganisms in contemporary social housing. Scientific Reports, 2020, 10, 11841.	1.6	13
18	Bacterial transfer to fingertips during sequential surface contacts with and without gloves. Indoor Air, 2020, 30, 993-1004.	2.0	25

#	Article	IF	Citations
19	COVID-19 and use of non-traditional masks: how do various materials compare in reducing the risk of infection for mask wearers?. Journal of Hospital Infection, 2020, 105, 640-642.	1.4	42
20	Assessment of Overheating Risk in Gynaecology Scanning Rooms during Near-Heatwave Conditions: A Case Study of the Royal Berkshire Hospital in the UK. International Journal of Environmental Research and Public Health, 2019, 16, 3347.	1.2	7
21	Exploring the physiological, neurophysiological and cognitive performance effects of elevated carbon dioxide concentrations indoors. Building and Environment, 2019, 156, 243-252.	3.0	72
22	Influence of neighbouring structures on building faÃ§ade pressures: Comparison between full-scale, wind-tunnel, CFD and practitioner guidelines. Journal of Wind Engineering and Industrial Aerodynamics, 2019, 189, 22-33.	1.7	23
23	A Multicompartment SIS Stochastic Model with Zonal Ventilation for the Spread of Nosocomial Infections: Detection, Outbreak Management, and Infection Control. Risk Analysis, 2019, 39, 1825-1842.	1.5	17
24	Computational fluid dynamic enabled design optimisation of miniaturised continuous oscillatory baffled reactors in chemical processing. International Journal of Computational Fluid Dynamics, 2019, 33, 317-331.	0.5	4
25	Is there an association between airborne and surface microbes in the critical care environment?. Journal of Hospital Infection, 2018, 100, e123-e129.	1.4	25
26	Field measurement of natural ventilation rate in an idealised full-scale building located in a staggered urban array: Comparison between tracer gas and pressure-based methods. Building and Environment, 2018, 137, 246-256.	3.0	59
27	Pilot-scale biofiltration at a materials recovery facility: The impact on bioaerosol control. Waste Management, 2018, 80, 154-167.	3.7	20
28	Isolating infectious patients: organizational, clinical, and ethical issues. American Journal of Infection Control, 2018, 46, e65-e69.	1.1	7
29	Novel technology for door handle design. Journal of Hospital Infection, 2017, 97, 433-434.	1.4	5
30	Modelling urban airflow and natural ventilation using a GPU-based lattice-Boltzmann method. Building and Environment, 2017, 125, 273-284.	3.0	56
31	Investigating the influence of neighbouring structures on natural ventilation potential of a full-scale cubical building using time-dependent CFD. Journal of Wind Engineering and Industrial Aerodynamics, 2017, 169, 265-279.	1.7	67
32	An Effective Surrogate Tracer Technique for S. aureus Bioaerosols in a Mechanically Ventilated Hospital Room Replica Using Dilute Aqueous Lithium Chloride. Atmosphere, 2017, 8, 238.	1.0	6
33	Relationship between healthcare worker surface contacts, care type and hand hygiene: an observational study in a single-bed hospital ward. Journal of Hospital Infection, 2016, 94, 48-51.	1.4	15
34	Modeling environmental contamination in hospital single- and four-bed rooms. Indoor Air, 2015, 25, 694-707.	2.0	61
35	Bioaerosol deposition in single and two-bed hospital rooms: A numerical and experimental study. Building and Environment, 2013, 59, 436-447.	3.0	79