

Estimating the impact of indoor relative humidity on SARS-CoV-2 airborne transmission risk using a new modification of the Wells-Riley model

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Modeling the impact of indoor relative humidity on the infection risk of five respiratory airborne viruses

Aganovic, Amar; Bi, Yang; Cao, Guangyu; **Kurnitski, Jarek**; Wargocki, Pawel Scientific reports 2022 / art. 11481, 10 p. : ill <https://doi.org/10.1038/s41598-022-15703-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New dose-response model and SARS-CoV-2 quanta emission rates for calculating the long-range airborne infection risk

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Post-COVID ventilation design : infection risk-based target ventilation rates and point source ventilation effectiveness

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A quanta-independent approach for the assessment of strategies to reduce the risk of airborne infection

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Relative humidity effects on viruses and human responses

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Zonal modeling of air distribution impact on the long-range airborne transmission risk of SARS-CoV-2

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