

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

Aganovic, Amar; Bi, Yang; Cao, Guangyu; Drangsholt, Finn; **Kurnitski, Jarek**; Wargocki, Pawel Building and environment 2021 / art. 108278, 14 p. : ill <https://doi.org/10.1016/j.buildenv.2021.108278> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Foranstaltninger imod luftbåren transmission af smitsomme sygdomme

Wargocki, Pawel; Melikov, Arsen Kriko; Bivolarova, Mariya; Nielsen, Peter V.; Heiselberg, Per; Afshari, Alireza; Zhang, Chen; Schild, Peter G.; Gao, Guangyu; **Kurnitski, Jarek** HVAC magasinet : magasin for klima- & energiteknik, miljø, bygningsinstallationer & -netværk 2020 / p. 10-12 <https://ipaper.ipapercms.dk/TechMedia/HVACMagasinet/2020/6/?page=10#/>

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

Aganovic, Amar; Cao, Guangyu; **Kurnitski, Jarek**; Wargocki, Pawel Building and environment 2023 / art. 109924, 13 p. : ill <https://doi.org/10.1016/j.buildenv.2022.109924> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Aganovic, Amar; **Kurnitski, Jarek**; Wargocki, Pawel Science of the total environment 2024 / art. 172278 <https://doi.org/10.1016/j.scitotenv.2024.172278>

Relative humidity effects on viruses and human responses

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Respiratory infection risk-based ventilation design method

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

Aganovic, Amar; Cao, Guangyu; **Kurnitski, Jarek**; Melikov, Arsen Kriko; Wargocki, Pawel Applied mathematical modelling 2022 / p. 800-821 <https://doi.org/10.1016/j.apm.2022.08.027> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)