

### **Assessment of SARS-CoV-2 transmission in room with mixing ventilation using CO2 tracer gas technique**

**Simson, Raimo; Kiil, Martin; Vösa, Karl-Villem; Kesküll, Andre; Kurnitski, Jarek** Healthy Buildings America 2021, Honolulu, Hawaii, USA, January 18-20, 2022 : virtual format 2022 / 2 p. : ill [https://hb2021-america.exordo.com/files/papers/397/final\\_draft/HB2021\\_SARS-CoV-2\\_infection\\_risk.pdf](https://hb2021-america.exordo.com/files/papers/397/final_draft/HB2021_SARS-CoV-2_infection_risk.pdf)

### **Infection risk-based ventilation design method**

**Kurnitski, Jarek** Ventilation challenges in a changing world : the 42nd AIVC, 10th Tightvent and 8th venticool Conference : proceedings 2022 / p. 21-27 [https://www.aivc.org/sites/default/files/download/AIVC2022\\_Proceedings.pdf](https://www.aivc.org/sites/default/files/download/AIVC2022_Proceedings.pdf)

### **Point source ventilation effectiveness of mixing ventilation solutions used in non-residential settings**

**Kiil, Martin; Mikola, Alo; Vösa, Karl-Villem; Simson, Raimo; Kurnitski, Jarek** Proceedings, Indoor Air 2024 2024 / 8 p [https://www.isiaq.org/conference\\_proceedings.php](https://www.isiaq.org/conference_proceedings.php)

### **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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](#)

### **Ventilation effectiveness and incomplete mixing in air distribution design for airborne transmission**

**Kiil, Martin; Mikola, Alo; Vösa, Karl-Villem; Simson, Raimo; Kurnitski, Jarek** Building and environment 2025 / art. 112207 <https://doi.org/10.1016/j.buildenv.2024.112207>