

**Algorithms for online CO2 baseline correction in intermittently occupied rooms**

**Vihman, Lauri; Parts, Tuule Mall; Aljas, Hans Kristjan; Thalfeldt, Martin; Raik, Jaan** Healthy Buildings 2023 Europe: Beyond Disciplinary Boundaries: proceedings ; 1 2023 / p. 302-309 : ill <https://www.proceedings.com/content/070/070278webtoc.pdf>

**Control dynamics and parameters for low energy heating applications = Juhtimise dünaamika ja parameetrid madalenergia küttesüsteemides**

**Parts, Tuule Mall** 2023 <https://doi.org/10.23658/taltech.50/2023> <https://digikogu.taltech.ee/et/Item/85469015-8f1c-450f-a609-73a70a255bc6>  
[https://www.ester.ee/record=b5638401\\*est](https://www.ester.ee/record=b5638401*est)

**Heat loss due to domestic hot water pipes**

**Hamburg, Anti; Mikola, Alo; Parts, Tuule Mall; Kalamees, Targo** Energies 2021 / art. 6446 <https://doi.org/10.3390/en14206446>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Quality and accuracy of digital twin models for the neighbourhood level building energy performance calculations**

**Parts, Egert-Ronald; Pikas, Ergo; Parts, Tuule Mall; Arumägi, Endrik; Liiv, Innar** E3S Web of Conferences : 11th International Conference on Indoor Air Quality, Ventilation and Energy Conservation in Buildings, IAQVEC2023 2023 / art. 04021  
<https://doi.org/10.1051/e3sconf/202339604021>

**Wax actuator's empirical model development and application to underfloor heating control with varying complexity of controller modelling detail**

**Parts, Tuule Mall; Ferrantelli, Andrea; Naar, Hendrik; Thalfeldt, Martin; Kurnitski, Jarek** Journal of building performance simulation 2023 / p. 772-796 <https://doi.org/10.1080/19401493.2023.2201818>

**Whole building algorithm for indoor air quality classification based on measured CO2 data**

**Aljas, Hans Kristjan; Parts, Tuule Mall; Thalfeldt, Martin** Healthy Buildings 2023 Europe: Beyond Disciplinary Boundaries: proceedings ; 1 2023 / p. 852-859 : ill <https://www.proceedings.com/content/070/070278webtoc.pdf>