

Cooling demand and daylight in the new Tallinn Town Hall buildings the influence of facade design

Voll, Hendrik; Seinre, Erkki Energy procedia 2012 / p. 1243-1249 : ill

<https://www.sciencedirect.com/science/article/pii/S1876610212016530>

Determination of heat transfer coefficient from housing surface of a totally enclosed fan-cooled machine during passive cooling

Shams Ghahfarokhi, Payam; Podgornovs, Andrejs; Kallaste, Ants; Cardoso, Antonio J. Marques; Belahcen, Anouar; Vaimann, Toomas; Asad, Bilal; Tiismus, Hans Machines 2021 / art. 120 <https://doi.org/10.3390/machines9060120> [Journal metrics at Scopus](#)

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

Development of analytical thermal analysis tool for synchronous reluctance motors

Shams Ghahfarokhi, Payam; Kallaste, Ants; Podgornovs, Andrejs; Belahcen, Anouar; Vaimann, Toomas IET electric power applications 2020 / p. 1828-1836 <https://doi.org/10.1049/iet-epa.2020.0237> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Evaluating the impact of district-level microclimate, urban microenvironment and occupant behaviour upon overheating of Nordic apartment buildings

Kravchenko, Iliia; Farahani, Azin Velashjerdi; Saranko, Olli; **Ferrantelli, Andrea** Energy and buildings 2025 / art. 116635

<https://doi.org/10.1016/j.enbuild.2025.116635>

Improved thermal and power management of modified solar PV system integrated with phase change material through transient charging and discharging cycles

Ali, Mohsin; Ali, Muzaffar; Shah, Najam Ul Hassan; Li, Guiqiang; **Ferrantelli, Andrea** Engineering Proceedings 2025 / art. 31

<https://doi.org/10.3390/engproc2025111031>