

**Comparative study of using periodic daily and long-term weather data for cooling system sizing and impact of thermal mass**

**Seyed Salehi, Seyed Shahabaldin; Kurnitski, Jarek; Thalfeldt, Martin** E3S Web Conference: BuildSim Nordic 2022 2022 / art. 06002 <https://doi.org/10.1051/e3sconf/202236206002> Conference proceedings at Scopus Article at Scopus

**Impact of internal heat gain profiles on the design cooling capacity of landscaped offices**

**Seyed Salehi, Seyed Shahabaldin; Ferrantelli, Andrea; Aljas, Hans Kristjan; Kurnitski, Jarek; Thalfeldt, Martin** E3S Web Conference: Cold Climate HVAC and Energy 2021 2021 / art. 07003, 7 p. : ill <https://doi.org/10.1051/e3sconf/202124607003> Conference Proceedings at Scopus Article at Scopus Article at WOS

**Machine learning-based optimization design workflow based on obstruction angles for building facades**

**Sepulveda Luque, Abel; Eslamirad, Nasim; Seyed Salehi, Seyed Shahabaldin; Thalfeldt, Martin; De Luca, Francesco**

Regenerating the City Performance-driven and Simulation-based Computational Design for Sustainable Cities and Communities : proceedings of the 9th Regional International Symposium on Education and Research in Computer Aided Architectural Design in Europe, Tallinn University of Technology, 15-16 June 2023 2023 / p. 15-24 <https://digikogu.taltech.ee/et/item/c29fc911-ec34-45da-afe6-bc1e8515e15d>

**New typical meteorological year generation method based on long-term building energy simulations**

**Seyed Salehi, Seyed Shahabaldin; Kalamees, Targo; Kurnitski, Jarek; Thalfeldt, Martin** Building and environment 2024 / art. 111504 <https://doi.org/10.1016/j.buildenv.2024.111504>

**Solar radiation-based method for early design stages to balance daylight and thermal comfort in office buildings**

**Sepulveda Luque, Abel; Seyed Salehi, Seyed Shahabaldin; De Luca, Francesco; Thalfeldt, Martin** Frontiers of architectural research 2023 <https://doi.org/10.1016/j.foar.2023.07.001>

**Temperature calibration and annual performance of cooling for ceiling panels**

**Seyed Salehi, Seyed Shahabaldin; Võsa, Karl-Villem; Kurnitski, Jarek; Thalfeldt, Martin** CLIMA 2022: the 14th REHVA HVAC World Congress, 22nd – 25th May in Rotterdam, The Netherlands 2022 / p. 1-8 <https://doi.org/10.34641/clima.2022.344>