Publications:

A comprehensive approach for modelling horizontal diffuse radiation, direct normal irradiance and total tilted solar radiation based on global radiation under Danish climate conditions
Publication: Research - peer-review › Journal article – Annual report year: 2018

Energy demand flexibility in buildings and district heating systems – a literature review
Publication: Research - peer-review › Journal article – Annual report year: 2018

Estimation of temperature setpoints and heat transfer coefficients among residential buildings in Denmark based on smart meter data
Publication: Research - peer-review › Journal article – Annual report year: 2018

Experience from a practical test of low-temperature district heating for space heating in five Danish single-family houses from the 1930s
Publication: Research - peer-review › Journal article – Annual report year: 2018

Ultra-low temperature district heating system with central heat pump and local boosters for low-heat-density area: Analyses on a real case in Denmark
Publication: Research - peer-review › Journal article – Annual report year: 2018

Projects:

IEA SHC Task 55 - Integration of Large SHC Systems into District Heating and Cooling (DHC) Networks (II)
Fan, J., Furbo, S., Perers, B., Kong, W., Dragsted, J., Andersen, E. & Jensen, A. R.
01/01/2019 → 31/12/2020
Project

IEA PVPS Task 16 Solar resource for high penetration
Fan, J., Furbo, S., Dragsted, J., Andersen, E., Perers, B. & Kong, W.
01/01/2018 → 31/12/2020
Project

Highly Efficient and Simplified Thermodynamic Cycle with Isolated Heating and Cooling – Cost Optimized
Fan, J., Furbo, S., Andersen, E. & Kong, W.
01/01/2018 → 31/12/2020
Project

European Committee for Standardization (CEN) Project ECOTEST
Fan, J., Furbo, S., Andersen, E., Dragsted, J. & Kong, W.
02/10/2017 → 31/12/2018
Project

Follow up on large scale storage in Denmark, Gram
Fan, J., Furbo, S., Perers, B., Kong, W. & Andersen, E.
Follow up on large scale heat storages in Denmark
Fan, J., Furbo, S., Kong, W. & Perers, B.
01/01/2016 → 31/12/2018
Project

Solar Heat Integration NEtwork
Fan, J., Furbo, S. & Bava, F.
01/10/2013 → 30/04/2018
Project