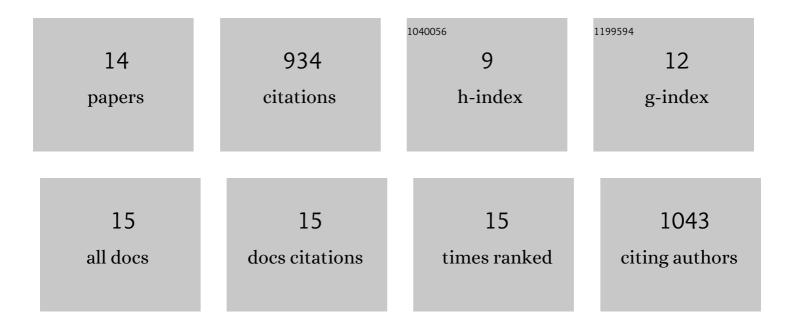
## StefÃ;n Thor Smith

List of Publications by Year in descending order

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STEEÄ:N THOP SMITH

| #  | Article  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Sensitivity analysis for building energy audit calculation methods: Handling the uncertainties in small power load estimation. Energy, 2022, 238, 121511.  | 8.8  | 9         |
| 2  | Energy demand and its temporal flexibility: Approaches, criticalities and ways forward. Renewable and<br>Sustainable Energy Reviews, 2022, 160, 112249.  | 16.4 | 10        |
| 3  | The Future of Sensitivity Analysis: An essential discipline for systems modeling and policy support.<br>Environmental Modelling and Software, 2021, 137, 104954.   | 4.5  | 209       |
| 4  | Development of a profile-based electricity demand response estimation method: An application based on UK hotel chillers. Energy and Buildings, 2021, 246, 111071.  | 6.7  | 0         |
| 5  | Modelling the overheating risk in an uniform high-rise building design with a consideration of urban context and heatwaves. Indoor and Built Environment, 2020, 29, 671-688.   | 2.8  | 15        |
| 6  | Quantifying the potential for improved management of weather risk using subâ€seasonal forecasting:<br>The case of UK telecommunications infrastructure. Meteorological Applications, 2020, 27, e1849.                                | 2.1  | 5         |
| 7  | Dynamic Anthropogenic activitieS impacting Heat emissions (DASH v1.0): development and evaluation.<br>Geoscientific Model Development, 2020, 13, 4891-4924.  | 3.6  | 12        |
| 8  | Influence of evaporative cooling by urban forests on cooling demand in cities. Urban Forestry and<br>Urban Greening, 2019, 37, 65-73.  | 5.3  | 74        |
| 9  | Concept and methodology of characterising infrared radiative performance of urban trees using tree crown spectroscopy. Building and Environment, 2019, 157, 380-390.   | 6.9  | 11        |
| 10 | A comparative analysis of building energy estimation methods in the context of demand response.<br>Energy and Buildings, 2018, 174, 13-25.   | 6.7  | 7         |
| 11 | Incorporating the effect of weather in construction scheduling and management with sine wave curves: application in the United Kingdom. Construction Management and Economics, 2018, 36, 666-682.                                    | 3.0  | 35        |
| 12 | Review of R&D progress and practical application of the solar photovoltaic/thermal (PV/T) technologies. Renewable and Sustainable Energy Reviews, 2012, 16, 599-617.   | 16.4 | 348       |
| 13 | Comparative study of the performance of the M-cycle counter-flow and cross-flow heat exchangers for indirect evaporative cooling $\hat{a} \in$ Paving the path toward sustainable cooling of buildings. Energy, 2011, 36, 6790-6805. | 8.8  | 199       |
| 14 | Attitudes towards offsite prefabrication: a fuzzy approach to examining uncertainty within U.K. industry perception. Intelligent Buildings International, 0, , 1-15.   | 2.3  | 0         |