

# StefÅ;n Thor Smith

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4814944/publications.pdf>

Version: 2024-02-01

14  
papers

934  
citations

1040056

9  
h-index

1199594

12  
g-index

15  
all docs

15  
docs citations

15  
times ranked

1043  
citing authors

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