Nils-Olav Skeie

List of Publications by Year
in descending order

		1163117	1125743
14 papers	**226** citations	**8** h-index	**13** g-index
14 all docs	**14** docs citations	**14** times ranked	**258** citing authors

#	Article	IF	Citations
1	Human behaviour modelling for welfare technology using hidden Markov models. Pattern Recognition Letters, 2020, 137, 71-79.	4.2	17
2	Analysing uncertainty in parameter estimation and prediction for grey-box building thermal behaviour models. Energy and Buildings, 2020, 224, 110236.	6.7	14
3	Parameter estimation for externally simulated thermal network models. Energy and Buildings, 2019, 191, 200-210.	6.7	13
4	Estimating uncertainty of model parameters obtained using numerical optimisation. Modeling, Identification and Control, 2019, 40, 213-243.	1.1	4
5	Parameter estimation for grey-box models of building thermal behaviour. Energy and Buildings, 2018, 169, 58-68.	6.7	57
6	A Review of Smart House Analysis Methods for Assisting Older People Living Alone. Journal of Sensor and Actuator Networks, 2017, 6, 11.	3.9	31
7	Comparison of Space Heating Energy Consumption of Residential Buildings Based on Traditional and Model-Based Techniques. Buildings, 2017, 7, 27.	3.1	12
8	Estimation of the Heating Time of Small-Scale Buildings Using Dynamic Models. Buildings, 2016, 6, 10.	3.1	6
9	A Discrete Event Oriented Framework for a Smart House Behavior Monitor System. , 2016, , .		2
10	Multi-floor building heating models in MATLAB and Modelica environments. Applied Energy, 2016, 171, 46-57.	10.1	31
11	Structural observability analysis and EKF based parameter estimation of building heating models. Modeling, Identification and Control, 2016, 37, 171-180.	1.1	3
12	Prediction of Space Heating Energy Consumption in Cabins Based on Multivariate Regression Modelling. International Journal of Modeling and Optimization, 2015, 5, 385-392.	0.4	6
13	Modelling the heat dynamics of a residential building unit: Application to Norwegian buildings. Modeling, Identification and Control, 2014, 35, 43-57.	1.1	22
14	Using multi sensor data fusion for level estimation in a separator. Computer Aided Chemical Engineering, 2006, 21, 1383-1388.	0.5	8