

LIST OF PUBLICATIONS

Refereed Journal Papers

- **Jayashankara M**, Sanjay Kumar Singh, Prasenjith Chanak “A Novel approach for short-term energy forecasting in smart buildings.” IEEE Sensors Journal 23 (5), 5307-5314 (2023): 5307-5314. (**SCI, Q1, IF : 4.3**)
- **Jayashankara M**, Sanjay Kumar Singh, Prasenith Chanak “A Novel intelligent modeling and prediction of heat energy consumption in smart buildings” Energy and Buildings 114105 (2024).(**SCI, Q1, IF : 6.7**)
- **Jayashankara M**, Sanjay Kumar Singh, Prasenjith Chanak “A Novel Energy Prediction with Occupant Count Using CNN-BiLSTM Hybrid Model for Energy Storage in Smart Buildings.” IEEE Transaction on Smart Grid (Under Review).(**SCI, Q1, IF : 8.6**)
- **Jayashankara M**, Sanjay Kumar Singh, Prasenjith Chanak “A Novel Hybrid VMD-LSTM for Occupancy-based short-term Energy Prediction.” IEEE Sensors Journal (Under Review).(**SCI, Q1, IF : 4.3**)
- **Jayashankara M**, Sanjay Kumar Singh, Prasenjith Chanak “A Novel Energy Prediction with BERT Using Weather Conditions in Smart Buildings” IEEE Transaction on Smart Grid (Under Review) (**SCI, Q1, IF: 8.6**)

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