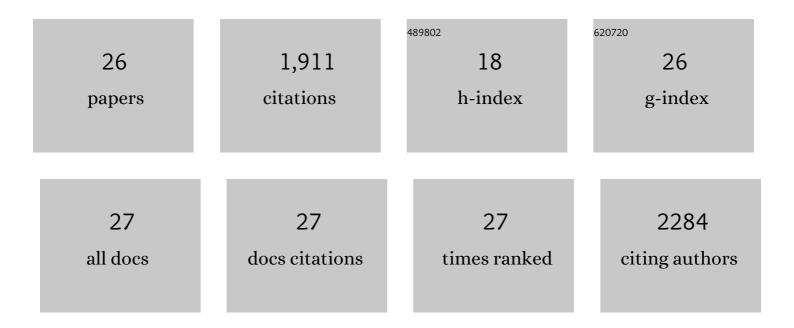
Chirag Deb

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Early-stage design support combining machine learning and building information modelling. Automation in Construction, 2022, 136, 104147. | 4.8 | 17 |
| 2 | Building Energy Performance Assessment Using an Easily Deployable Sensor Kit: Process, Risks, and Lessons Learned. Frontiers in Built Environment, 2021, 6, . | 1.2 | 5 |
| 3 | Measuring the heat transfer coefficient (HTC) in buildings: A stakeholder's survey. Renewable and Sustainable Energy Reviews, 2021, 144, 111008. | 8.2 | 18 |
| 4 | Impact of Measurement Uncertainty on Building Modeling and Retrofitting Decisions. Frontiers in Built Environment, 2021, 7, . | 1.2 | 1 |
| 5 | Review of data-driven energy modelling techniques for building retrofit. Renewable and Sustainable Energy Reviews, 2021, 144, 110990. | 8.2 | 85 |
| 6 | A machine learning-based framework for cost-optimal building retrofit. Applied Energy, 2021, 294, 116990. | 5.1 | 19 |
| 7 | Occupancy-based energy consumption modelling using machine learning algorithms for institutional buildings. Energy and Buildings, 2021, 252, 111478. | 3.1 | 31 |
| 8 | Identifying temporal properties of building components and indoor environment for building performance assessment. Building and Environment, 2020, 168, 106506. | 3.0 | 9 |
| 9 | Wireless sensor network for estimating building performance. Automation in Construction, 2020, 111, 103043. | 4.8 | 32 |
| 10 | Do energy performance certificates allow reliable predictions of actual energy consumption and savings? Learning from the Swiss national database. Energy and Buildings, 2020, 224, 110235. | 3.1 | 50 |
| 11 | Unsupervised learning of energy signatures to identify the heating system and building type using smart meter data. Applied Energy, 2020, 264, 114715. | 5.1 | 57 |
| 12 | Cost-optimal retrofit analysis for residential buildings. Journal of Physics: Conference Series, 2019, 1343, 012030. | 0.3 | 9 |
| 13 | Automated load disaggregation for residences with electrical resistance heating. Energy and Buildings, 2019, 182, 61-74. | 3.1 | 24 |
| 14 | Using artificial neural networks to assess HVAC related energy saving in retrofitted office buildings. Solar Energy, 2018, 163, 32-44. | 2.9 | 62 |
| 15 | Determining key variables influencing energy consumption in office buildings through cluster analysis of pre- and post-retrofit building data. Energy and Buildings, 2018, 159, 228-245. | 3.1 | 84 |
| 16 | A review on time series forecasting techniques for building energy consumption. Renewable and Sustainable Energy Reviews, 2017, 74, 902-924. | 8.2 | 585 |
| 17 | k-Shape clustering algorithm for building energy usage patterns analysis and forecasting model accuracy improvement. Energy and Buildings, 2017, 146, 27-37. | 3.1 | 143 |
| 18 | A simplified tool for building layout design based on thermal comfort simulations. Frontiers of Architectural Research, 2017, 6, 218-230. | 1.3 | 34 |

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Time series forecasting for building energy consumption using weighted Support Vector Regression with differential evolution optimization technique. Energy and Buildings, 2016, 126, 94-103. | 3.1 | 219 |
| 20 | Forecasting diurnal cooling energy load for institutional buildings using Artificial Neural Networks. Energy and Buildings, 2016, 121, 284-297. | 3.1 | 212 |
| 21 | Energy performance model development and occupancy number identification of institutional buildings. Energy and Buildings, 2016, 123, 192-204. | 3.1 | 36 |
| 22 | Model Development and Comparison for the Evaluation of the Energy Performance of Three Tertiary Institutional Buildings in Singapore. Procedia Engineering, 2015, 121, 1133-1143. | 1.2 | 7 |
| 23 | Forecasting Energy Consumption of Institutional Buildings in Singapore. Procedia Engineering, 2015, 121, 1734-1740. | 1.2 | 25 |
| 24 | PV (photovoltaics) performance evaluation and simulation-based energy yield prediction for tropical buildings. Energy, 2014, 71, 588-595. | 4.5 | 75 |
| 25 | A simple technique to classify urban locations with respect to human thermal comfort: Proposing the HXG scale. Building and Environment, 2011, 46, 1321-1328. | 3.0 | 10 |
| 26 | Evaluation of thermal comfort in a rail terminal location in India. Building and Environment, 2010, 45, 2571-2580. | 3.0 | 62 |