

# Monjur Mourshed

## List of Publications by Year in descending order

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Version: 2024-02-01

63  
papers

3,852  
citations

186265  
28  
h-index

138484  
58  
g-index

66  
all docs

66  
docs citations

66  
times ranked

4261  
citing authors

#	ARTICLE	IF	CITATIONS
1	Demand response in buildings: Unlocking energy flexibility through district-level electro-thermal simulation. <i>Applied Energy</i> , 2022, 305, 117836.	10.1	19
2	Why is Bangladesh's electricity generation heading towards a GHG emissions-intensive future?. <i>Carbon Management</i> , 2022, 13, 216-237.	2.4	6
3	Evaluating multiple parameters dependency of base temperature for heating degree-days in building energy prediction. <i>Building Simulation</i> , 2021, 14, 969-985.	5.6	9
4	Change-point multivariable quantile regression to explore effect of weather variables on building energy consumption and estimate base temperature range. <i>Sustainable Cities and Society</i> , 2020, 53, 101900.	10.4	20
5	Coastal community resilience frameworks for disaster risk management. <i>Natural Hazards</i> , 2020, 101, 595-630.	3.4	38
6	A novel competitive swarm optimized RBF neural network model for short-term solar power generation forecasting. <i>Neurocomputing</i> , 2020, 397, 415-421.	5.9	88
7	Electric Vehicle Charging Load Forecasting: A Comparative Study of Deep Learning Approaches. <i>Energies</i> , 2019, 12, 2692.	3.1	112
8	Demand side management of plug-in electric vehicles and coordinated unit commitment: A novel parallel competitive swarm optimization method. <i>Energy Conversion and Management</i> , 2019, 196, 935-949.	9.2	57
9	A simplified geo-cluster definition for energy system planning in Europe. <i>Energy Procedia</i> , 2019, 158, 3222-3227.	1.8	5
10	Urban sustainability assessment framework development: The ranking and weighting of sustainability indicators using analytic hierarchy process. <i>Sustainable Cities and Society</i> , 2019, 44, 356-366.	10.4	153
11	Challenges and gaps for energy planning models in the developing-world context. <i>Nature Energy</i> , 2018, 3, 172-184.	39.5	75
12	A Shadow-Overlapping Algorithm for Estimating Building Heights From VHR Satellite Images. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2018, 15, 8-12.	3.1	28
13	Forecasting methods in energy planning models. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 88, 297-325.	16.4	219
14	Requirements for cloud-based BIM governance solutions to facilitate team collaboration in construction projects. <i>Requirements Engineering</i> , 2018, 23, 1-31.	3.1	67
15	Model-Based Optimal Control of Window Openings for Thermal Comfort. <i>Proceedings (mdpi)</i> , 2018, 2, .	0.2	1
16	Deep Highway Networks and Tree-Based Ensemble for Predicting Short-Term Building Energy Consumption. <i>Energies</i> , 2018, 11, 3408.	3.1	20
17	Retrofitting Buildings: Embodied & Operational Energy Use in English Housing Stock. <i>Proceedings (mdpi)</i> , 2018, 2, .	0.2	3
18	Smart Energy Management for Unlocking Demand Response in the Residential Sector. <i>Proceedings (mdpi)</i> , 2018, 2, 1136.	0.2	1

#	ARTICLE	IF	CITATIONS
19	Forecasting Algorithms and Optimization Strategies for Building Energy Management & Demand Response. Proceedings (mdpi), 2018, 2, 1133.	0.2	4
20	Putting Residential Flexibility Management into Action with Pilot Sites in Europe: From Mas2tering to DRivE Projects. Proceedings (mdpi), 2018, 2, 1130.	0.2	1
21	Tree-based ensemble methods for predicting PV power generation and their comparison with support vector regression. Energy, 2018, 164, 465-474.	8.8	174
22	Corruption Significantly Increases the Capital Cost of Power Plants in Developing Contexts. Frontiers in Energy Research, 2018, 6, .	2.3	6
23	Going Beyond the Mean: Distributional Degree-Day Base Temperatures for Building Energy Analytics Using Change Point Quantile Regression. IEEE Access, 2018, 6, 39532-39540.	4.2	11
24	Factors for effective BIM governance. Journal of Building Engineering, 2017, 10, 89-101.	3.4	128
25	Trees vs Neurons: Comparison between random forest and ANN for high-resolution prediction of building energy consumption. Energy and Buildings, 2017, 147, 77-89.	6.7	630
26	Urban environmental challenges in developing countriesâ€™A stakeholder perspective. Habitat International, 2017, 64, 1-10.	5.8	52
27	Electrical load forecasting models: A critical systematic review. Sustainable Cities and Society, 2017, 35, 257-270.	10.4	287
28	Degree-day based non-domestic building energy analytics and modelling should use building and type specific base temperatures. Energy and Buildings, 2017, 155, 260-268.	6.7	55
29	Patientsâ€™ Perspectives on the Design of Hospital Outpatient Areas. Buildings, 2017, 7, 117.	3.1	12
30	A Smart Forecasting Approach to District Energy Management. Energies, 2017, 10, 1073.	3.1	22
31	An ANN-Based Energy Forecasting Framework for the District Level Smart Grids. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2017, , 107-117.	0.3	2
32	Advances in remote sensing applications for urban sustainability. Euro-Mediterranean Journal for Environmental Integration, 2016, 1, 1.	1.3	66
33	Building energy metering and environmental monitoring â€“ A state-of-the-art review and directions for future research. Energy and Buildings, 2016, 120, 85-102.	6.7	245
34	Computational intelligence techniques for HVAC systems: A review. Building Simulation, 2016, 9, 359-398.	5.6	167
35	SMART: A process-oriented methodology for resilient smart cities. , 2016, , .		10
36	Ontology-based demand-side flexibility management in smart grids using a multi-agent system. , 2016, , .		19

#	ARTICLE	IF	CITATIONS
37	Preserving prosumer privacy in a district level smart grid. , 2016, , .		2
38	Climatic parameters for building energy applications: A temporal-geospatial assessment of temperature indicators. Renewable Energy, 2016, 94, 55-71.	8.9	20
39	Off-grid electrification with solar home systems: An appraisal of the quality of components. Renewable Energy, 2016, 97, 585-598.	8.9	34
40	Progress in ambient assisted systems for independent living by the elderly. SpringerPlus, 2016, 5, 624.	1.2	101
41	ANNâ€“GA smart appliance scheduling for optimised energy management in the domestic sector. Energy and Buildings, 2016, 111, 311-325.	6.7	115
42	Cloud-Based BIM Governance Platform Requirements and Specifications: Software Engineering Approach Using BPMN and UML. Journal of Computing in Civil Engineering, 2016, 30, .	4.7	29
43	Low carbon Buildings: Sensitivity of Thermal Properties of Opaque Envelope Construction and Glazing. Energy Procedia, 2015, 75, 1284-1289.	1.8	22
44	Smart Grid Futures: Perspectives on the Integration of Energy and ICT Services. Energy Procedia, 2015, 75, 1132-1137.	1.8	34
45	A critical review of environmental assessment tools for sustainable urban design. Environmental Impact Assessment Review, 2015, 55, 110-125.	9.2	182
46	Modelling and Forecasting Energy Demand in Rural Households of Bangladesh. Energy Procedia, 2015, 75, 2731-2737.	1.8	28
47	Exploring the Need for a BIM Governance Model: UK Construction Practitioners' Perceptions. , 2014, , .		7
48	Multi-objective optimization of cellular fenestration by an evolutionary algorithm. Journal of Building Performance Simulation, 2014, 7, 33-51.	2.0	40
49	Ultra clean ventilation system performance relating to airborne infections in operating theatres using CFD modelling. Building Simulation, 2014, 7, 277-287.	5.6	18
50	Pitfalls of oil-based expansion of electricity generation in a developing context. Energy Strategy Reviews, 2013, 1, 205-210.	7.3	10
51	Public opinions on alternative lower carbon wall construction techniques for UK housing. Habitat International, 2013, 37, 163-169.	5.8	18
52	Design indicators for better accommodation environments in hospitals: inpatientsâ€™ perceptions. Intelligent Buildings International, 2012, 4, 199-215.	2.3	18
53	Therapeutic lighting design for the elderly: a review. Perspectives in Public Health, 2012, 132, 282-291.	1.6	41
54	Healthcare providers' perception of design factors related to physical environments in hospitals. Journal of Environmental Psychology, 2012, 32, 362-370.	5.1	97

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55	Relationship between annual mean temperature and degree-days. Energy and Buildings, 2012, 54, 418-425.	6.7	78
56	Summertime Impact of Climate Change on Multi-Occupancy British Dwellings. Open House International, 2012, 37, 50-60.	1.1	6
57	Phi-array: A novel method for fitness visualization and decision making in evolutionary design optimization. Advanced Engineering Informatics, 2011, 25, 676-687.	8.0	15
58	The impact of the projected changes in temperature on heating and cooling requirements in buildings in Dhaka, Bangladesh. Applied Energy, 2011, 88, 3737-3746.	10.1	59
59	Technical appraisal of solar home systems in Bangladesh: A field investigation. Renewable Energy, 2011, 36, 772-778.	8.9	33
60	A multi-objective window optimisation problem. , 2011, , .		10
61	Renewable energy RD&D expenditure and CO2 emissions in 15 European countries. International Journal of Energy Sector Management, 2009, 3, 187-202.	2.3	11
62	Spatial representation in product modelling. , 0, , .		1
63	SHADOW DETECTION FROM VERY HIGH RESOLUTION SATELLITE IMAGE USING GRAB CUT SEGMENTATION AND RATIO-BAND ALGORITHMS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-3/W2, 95-101.	0.2	9