Multi-objective Building Design Optimization under Operational Uncertainties Using the NSGA II Algorithm

#	Paper	IF	Citations
14	Smart system management and techno-environmental optimal sizing of a desalination plant powered by renewables with energy storage. *International Journal of Energy Research*, **2021**, 45, 7501-7520	4.5	4
13	Multicriterion decision making in groundwater planning. *Journal of Hydroinformatics*, **2021**, 23, 627-638	2.6	
12	Predicting magnetic characteristics of additive manufactured soft magnetic composites by machine learning. *International Journal of Advanced Manufacturing Technology*, **2021**, 114, 3177-3184	3.2	3
11	Resilient Scheduling as a Response to Uncertainty in Construction Projects. *Applied Sciences (Switzerland)*, **2021**, 11, 6493	2.6	3
10	Application of a probabilistic LHS-PAWN approach to assess building cooling energy demand uncertainties. *Building Simulation*, 1	3.9	2
9	A framework for identifying the appropriate quantitative indicators to objectively optimize the building energy consumption considering sustainability and resilience aspects. *Journal of Building Engineering*, **2021**, 44, 102974	5.2	2
8	Distributed energy resource allocation using multi-objective grasshopper optimization algorithm. *Electric Power Systems Research*, **2021**, 201, 107564	3.5	4
7	A simulation-based multi-objective genetic optimization framework for efficient building design in early stages: application for Vietnams hot and humid climates. *International Journal of Building Pathology and Adaptation*, **2021**, ahead-of-print,	1.6	1
6	Impact of Window-to-Wall Ratio on Heating Demand and Thermal Comfort When Considering a Variety of Occupant Behavior Profiles. *Frontiers in Sustainable Cities*, **2021**, 3,	2.2	0
5	Application of PSO and GA stochastic algorithms to select optimum building envelope and air conditioner size - A case of a residential building prototype. *Materials Today: Proceedings*, **2022**,	1.4	2
4	Multiobjective optimization of fluphenazine nanocomposite formulation using NSGA-II method. *Materials Science-Poland*, **2022**,	0.6	
3	Best Fit for Common Purpose: A Multi-Stakeholder Design Optimization Methodology for Construction Management. *Buildings*, **2022**, 12, 527	3.2	
2	Optimization of Zero-Energy Buildings Based on Multicriteria Optimization Method. **2022**, 2022, 1-10		0
1	Multi-Objective Optimization of Ultra-Low Energy Consumption Buildings in Severely Cold Regions Considering Life Cycle Performance. **2022**, 14, 16440		0