Jonathan A Wright

List of Publications by Year
in descending order

12 papers	859 citations	933447 10 h-index	1199594 12 g-index
12 all docs	12 docs citations	12 times ranked	831 citing authors

#	Article	IF	Citations
1	Efficient Genetic Algorithm sets for optimizing constrained building design problem. International Journal of Sustainable Built Environment, 2016, 5, 123-131.	3.2	18
2	Multi-objective Optimization for a Large Scale Retrofit Program for the Housing Stock in the North East of England. Energy Procedia, 2015, 78, 854-859.	1.8	9
3	Constrained, mixed-integer and multi-objective optimisation of building designs by NSGA-II with fitness approximation. Applied Soft Computing Journal, 2015, 33, 114-126.	7.2	94
4	Multi-objective optimization of cellular fenestration by an evolutionary algorithm. Journal of Building Performance Simulation, 2014, 7, 33-51.	2.0	40
5	The Minimum Capacity of HVAC Secondary Systems (with Capacity Reduction by Interzonal Airflow) (RP-1049). HVAC and R Research, 2008, 14, 397-415.	0.6	2
6	Evolutionary Synthesis of HVAC System Configurations: Experimental Results. HVAC and R Research, 2008, 14, 57-72.	0.6	14
7	Evolutionary Synthesis of HVAC System Configurations: Algorithm Development (RP-1049). HVAC and R Research, 2008, 14, 33-55.	0.6	27
8	Energy Aspects of HVAC System Configurationsâ€"Problem Definition and Test Cases. HVAC and R Research, 2006, 12, 871-888.	0.6	14
9	Self-Adaptive Fitness Formulation for Evolutionary Constrained Optimization of Water Systems. Journal of Computing in Civil Engineering, 2005, 19, 212-216.	4.7	15
10	A comparison of deterministic and probabilistic optimization algorithms for nonsmooth simulation-based optimization. Building and Environment, 2004, 39, 989-999.	6.9	230
11	Optimization of building thermal design and control by multi-criterion genetic algorithm. Energy and Buildings, 2002, 34, 959-972.	6.7	384
12	An Infeasibility Objective for Use in Constrained Pareto Optimization. Lecture Notes in Computer Science, 2001, , 256-268.	1.3	12