Chiara Delmastro

List of Publications by Citations

25 papers	450 citations	11 h-index	21 g-index
27 ext. papers	539 ext. citations	4.9 avg, IF	4.12 L-index

#	Paper	IF	Citations
25	Urban energy planning procedure for sustainable development in the built environment: A review of available spatial approaches. *Journal of Cleaner Production*, **2017**, 165, 811-827	10.3	61
24	A supporting method for selecting cost-optimal energy retrofit policies for residential buildings at the urban scale. *Energy Policy*, **2016**, 99, 42-56	7.2	59
23	Generalizable occupant-driven optimization model for domestic hot water production in NZEB. *Applied Energy*, **2016**, 175, 1-15	10.7	49
22	The role of nearly-zero energy buildings in the transition towards Post-Carbon Cities. *Sustainable Cities and Society*, **2016**, 27, 324-337	10.1	43
21	Chinese residential energy demand: Scenarios to 2030 and policies implication. *Energy and Buildings* , **2015**, 89, 49-60	7	39
20	Underground urbanism: Master Plans and Sectorial Plans. *Tunnelling and Underground Space Technology*, **2016**, 55, 103-111	5.7	33
19	Energy and underground. *Tunnelling and Underground Space Technology*, **2016**, 55, 96-102	5.7	21
18	The evaluation of buildings energy consumption and the optimization of district heating networks: a GIS-based model. *International Journal of Energy and Environmental Engineering*, **2016**, 7, 343-351	4	20
17	Characterization of Building Thermal Energy Consumption at the Urban Scale. *Energy Procedia*, **2016**, 101, 384-391	2.3	20
16	Sustainable urban heat strategies: Perspectives from integrated district energy choices and energy conservation in buildings. Case studies in Torino and Stockholm. *Energy*, **2017**, 138, 1209-1220	7.9	17
15	A multi-criteria application to select energy retrofit measures at the building and district scale. *Thermal Science and Engineering Progress*, **2018**, 6, 457-464	3.6	13
14	Advantages of Coupling a Woody Biomass Cogeneration Plant with a District Heating Network for a Sustainable Built Environment: A Case Study in Luserna San Giovanni (Torino, Italy). *Energy Procedia* , **2015**, 78, 794-799	2.3	10
13	THE ROLE OF URBAN FORM AND SOCIO-ECONOMIC VARIABLES FOR EXTIMATING THE BUILDING ENERGY SAVINGS POTENTIAL AT THE URBAN SCALE. *International Journal of Heat and Technology*, **2015**, 33, 91-100	2.2	10
12	The role of data centres in the future Danish energy system. *Energy*, **2020**, 194, 116928	7.9	9
11	Capturing the long-term interdependencies between building thermal energy supply and demand in urban planning strategies. *Applied Energy*, **2020**, 268, 114774	10.7	7
10	Modeling Building Energy Demand Profiles and District Heating Networks for Low Carbon Urban Areas. *Procedia Engineering*, **2017**, 198, 386-397		7
9	Energy efficient urban districts: A multi-criteria application for selecting retrofit actions. *International Journal of Heat and Technology*, **2017**, 35, S49-S57	2.2	7

8	The Energy Center Initiative at Politecnico di Torino: Practical experiences on energy efficiency measures in the municipality of Torino. *International Journal of Heat and Technology*, **2017**, 35, S196-S204	2.2	7
7	Towards a New Integrated Spatial Decision Support System in Urban Context. *Procedia, Social and Behavioral Sciences*, **2016**, 223, 974-981		6
6	The Role of Nearly-zero Energy Buildings in the Definition of Post- Carbon Cities. *Energy Procedia*, **2015**, 78, 687-692	2.3	4
5	A decision-making process to support public administrations in defining local energy policies. *Thermal Science and Engineering Progress*, **2018**, 6, 398-409	3.6	3
4	In Use Monitoring of Public Buildings. Case Study in North Italy. *International Journal of Heat and Technology*, **2016**, 34, S266-S276	2.2	3
3	Urban morphology and energy consumption in Italian residential buildings **2015**,		2
2	Linking Dynamic Building Simulation with Long-Term Energy System Planning to Improve Buildings Urban Energy Planning Strategies. *Smart Cities*, **2020**, 3, 1242-1265	3.3	0
1	The smart city of Torino **2019**, 51-81		