

Paola Caputo

List of Publications by Year in descending order

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42
papers

1,437
citations

393982

19
h-index

315357

38
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42
all docs

42
docs citations

42
times ranked

1647
citing authors

#	ARTICLE	IF	CITATIONS
1	Paradigm shift in urban energy systems through distributed generation: Methods and models. <i>Applied Energy</i> , 2011, 88, 1032-1048.	5.1	346
2	A supporting method for defining energy strategies in the building sector at urban scale. <i>Energy Policy</i> , 2013, 55, 261-270.	4.2	192
3	A review study about energy renovation of building facades with BIPV in urban environment. <i>Sustainable Cities and Society</i> , 2019, 44, 343-355.	5.1	101
4	Assessment of tools for urban energy planning. <i>Energy</i> , 2019, 176, 544-551.	4.5	70
5	Overcoming the inertia of building energy retrofit at municipal level: The Italian challenge. <i>Sustainable Cities and Society</i> , 2015, 15, 120-134.	5.1	63
6	A renewable energy scenario for a new low carbon settlement in northern Italy: Biomass district heating coupled with heat pump and solar photovoltaic system. <i>Energy</i> , 2020, 206, 118091.	4.5	62
7	Results of a literature review on methods for estimating buildings energy demand at district level. <i>Energy</i> , 2019, 175, 1130-1137.	4.5	48
8	Boosting the energy renovation rate of the private building stock in Italy: Policies and innovative GIS-based tools. <i>Sustainable Cities and Society</i> , 2017, 34, 394-404.	5.1	43
9	Energy efficiency in buildings: What drives the investments? The case of Lombardy Region. <i>Sustainable Cities and Society</i> , 2016, 20, 27-37.	5.1	33
10	Geocooling potential of borehole heat exchangers' systems applied to low energy office buildings. <i>Renewable Energy</i> , 2012, 45, 197-204.	4.3	32
11	Strategies and Tools for Eco-Efficient Local Food Supply Scenarios. <i>Sustainability</i> , 2014, 6, 631-651.	1.6	31
12	Energy and environmental life cycle assessment of an institutional catering service: An Italian case study. <i>Science of the Total Environment</i> , 2019, 657, 1150-1160.	3.9	30
13	Energy-environmental assessment of the UIA-OpenAgri case study as urban regeneration project through agriculture. <i>Science of the Total Environment</i> , 2020, 729, 138819.	3.9	30
14	Analysis of the electricity consumptions: A first step to develop a district cooling system. <i>Sustainable Cities and Society</i> , 2016, 23, 23-36.	5.1	28
15	Evaluation of environmental and energy effects of biomass district heating by a wide survey based on operational conditions in Italy. <i>Energy</i> , 2019, 174, 1210-1218.	4.5	27
16	Urban Development and Energy Access in Informal Settlements. A Review for Latin America and Africa. <i>Procedia Engineering</i> , 2016, 161, 2093-2099.	1.2	24
17	A Methodology for Defining Electricity Demand in Energy Simulations Referred to the Italian Context. <i>Energies</i> , 2013, 6, 6274-6292.	1.6	23
18	Local energy efficiency programs: A monitoring methodology for heating systems. <i>Sustainable Cities and Society</i> , 2014, 13, 69-77.	5.1	23

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19	Effects of buildingsâ€™ refurbishment on indoor air quality. Results of a wide survey on radon concentrations before and after energy retrofit interventions. <i>Sustainable Cities and Society</i> , 2018, 42, 100-106.	5.1	22
20	Food Chain Evaluator, a tool for analyzing the impacts and designing scenarios for the institutional catering in Lombardy (Italy). <i>Journal of Cleaner Production</i> , 2017, 140, 1014-1026.	4.6	21
21	An integrated 3D GIS-based method for estimating the urban potential of BIPV retrofit of façades. <i>Sustainable Cities and Society</i> , 2020, 62, 102410.	5.1	17
22	District heating in Lombardy Region (Italy): Effects of supporting mechanisms. <i>Sustainable Cities and Society</i> , 2015, 14, 43-55.	5.1	16
23	Regional policies toward energy efficiency and renewable energy sources integration: Results of a wide monitoring campaign. <i>Sustainable Cities and Society</i> , 2018, 36, 215-224.	5.1	15
24	Fuzzy evaluation of heterogeneous quantities: Measuring urban ecological efficiency. <i>Ecological Modelling</i> , 2014, 288, 112-126.	1.2	13
25	Evaluation of the space heating need in residential buildings at territorial scale: The case of Canton Ticino (CH). <i>Energy and Buildings</i> , 2017, 148, 218-227.	3.1	12
26	Energy access in informal settlements. Results of a wide on site survey in Rio De Janeiro. <i>Energy Policy</i> , 2019, 134, 110943.	4.2	12
27	Implementation of an urban efficiency index to comprehend post-metropolitan territoriesâ€™ The case of Greater Milan in Italy. <i>Sustainable Cities and Society</i> , 2019, 48, 101565.	5.1	12
28	A GIS-Based Procedure for Estimating the Energy Demand Profiles of Buildings towards Urban Energy Policies. <i>Energies</i> , 2021, 14, 5445.	1.6	10
29	Steady versus dynamic exergy analysis: the case of an air source heat pump. <i>International Journal of Exergy</i> , 2012, 11, 460.	0.2	9
30	GIS tools towards a renovation of the building heritage. <i>Energy Procedia</i> , 2017, 133, 435-443.	1.8	9
31	District thermal systems: State of the art and promising evolutive scenarios. A focus on Italy and Switzerland. <i>Sustainable Cities and Society</i> , 2021, 65, 102579.	5.1	9
32	Bioenergy from anaerobic digestion plants: Energy and environmental assessment of a wide sample of Italian plants. <i>Science of the Total Environment</i> , 2022, 843, 157012.	3.9	9
33	Urban Metabolism Analysis as a Support to Drive Metropolitan Development. <i>Procedia Engineering</i> , 2016, 161, 1588-1595.	1.2	8
34	A method for mapping areas potentially suitable for district heating systems. An application to Canton Ticino (Switzerland). <i>Energy</i> , 2019, 189, 116297.	4.5	8
35	Building Integrated Solar Thermal Design: Assessment of Performances of a Low Cost Solar Wall in a Typical Italian Building. <i>Energy Procedia</i> , 2016, 91, 916-925.	1.8	7
36	Urban Renovation: An Opportunity for Economic Development, Environmental Improvement, and Social Redemption. <i>Research for Development</i> , 2020, , 125-135.	0.2	5

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37	A Method to Analyze the Performance of Geocooling Systems with Borehole Heat Exchangers. Results in a Monitored Residential Building in Southern Alps. <i>Energies</i> , 2021, 14, 7407.	1.6	5
38	Mapping Buildings' Energy-Related Features at Urban Level toward Energy Planning. <i>Buildings</i> , 2021, 11, 322.	1.4	4
39	Low and Ultra-Low Temperature District Heating Equipped by Heat Pumps" An Analysis of the Best Operative Conditions for a Swiss Case Study. <i>Energies</i> , 2022, 15, 3344.	1.6	4
40	The Role of Renewable Energy Sources in Green Planning of Cities and Communities. <i>Research for Development</i> , 2020, , 229-251.	0.2	2
41	District Heating: Results of a Monitoring Campaign in Lombardy Region. <i>Energy Procedia</i> , 2012, 30, 829-838.	1.8	1
42	Geo-Referenced Procedure to Estimate the Urban Energy Demand Profiles Towards Smart Energy District Scenarios. <i>Research for Development</i> , 2020, , 367-377.	0.2	1