Luca Massidda

List of Publications by Year
in descending order

14 papers	**234** citations	1163117 **8** h-index	1199594 **12** g-index
14 all docs	**14** docs citations	**14** times ranked	**235** citing authors

#	Article	IF	Citations
1	A Bayesian Approach to Unsupervised, Non-Intrusive Load Disaggregation. Sensors, 2022, 22, 4481.	3.8	9
2	A Forecasting-Based Control Algorithm for Improving Energy Managment in High Concentrator Photovoltaic Power Plant Integrated with Energy Storage Systems. Energies, 2020, 13, 4697.	3.1	4
3	Non-intrusive load disaggregation via a fully convolutional neural network: improving the accuracy on unseen household. , 2020, , .		2
4	Performance Comparison between Deep Learning and Optical Flow-Based Techniques for Nowcast Precipitation from Radar Images. Forecasting, 2020, 2, 194-210.	2.8	17
5	A Procedure for Complete Census Estimation of Rooftop Photovoltaic Potential in Urban Areas. Smart Cities, 2020, 3, 873-893.	9.4	10
6	Non-Intrusive Load Disaggregation by Convolutional Neural Network and Multilabel Classification. Applied Sciences (Switzerland), 2020, 10, 1454.	2.5	62
7	Smart Meter Forecasting from One Minute to One Year Horizons. Energies, 2018, 11, 3520.	3.1	10
8	Quantile Regression Post-Processing of Weather Forecast for Short-Term Solar Power Probabilistic Forecasting. Energies, 2018, 11, 1763.	3.1	26
9	Use of Multilinear Adaptive Regression Splines and numerical weather prediction to forecast the power output of a PV plant in Borkum, Germany. Solar Energy, 2017, 146, 141-149.	6.1	61
10	A Simple and Effective Approach for the Prediction of Turbine Power Production From Wind Speed Forecast. Energies, 2017, 10, 1967.	3.1	5
11	Decoupling Weather Influence from User Habits for an Optimal Electric Load Forecast System. Energies, 2017, 10, 2171.	3.1	13
12	Experimental and numerical investigation of liquid-metal free-surface flows in spallation targets. Nuclear Engineering and Design, 2015, 290, 107-118.	1.7	9
13	Spectral elements for very large offshore acoustic-elastic wave simulations. , 2013, , .		2
14	SPH simulation of liquid metal target dynamics. Nuclear Engineering and Design, 2010, 240, 940-946.	1.7	4