

# Luca Massidda

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8385225/publications.pdf>

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#	ARTICLE	IF	CITATIONS
1	Non-Intrusive Load Disaggregation by Convolutional Neural Network and Multilabel Classification. Applied Sciences (Switzerland), 2020, 10, 1454.	2.5	62
2	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
3	Quantile Regression Post-Processing of Weather Forecast for Short-Term Solar Power Probabilistic Forecasting. Energies, 2018, 11, 1763.	3.1	26
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	Decoupling Weather Influence from User Habits for an Optimal Electric Load Forecast System. Energies, 2017, 10, 2171.	3.1	13
6	Smart Meter Forecasting from One Minute to One Year Horizons. Energies, 2018, 11, 3520.	3.1	10
7	A Procedure for Complete Census Estimation of Rooftop Photovoltaic Potential in Urban Areas. Smart Cities, 2020, 3, 873-893.	9.4	10
8	Experimental and numerical investigation of liquid-metal free-surface flows in spallation targets. Nuclear Engineering and Design, 2015, 290, 107-118.	1.7	9
9	A Bayesian Approach to Unsupervised, Non-Intrusive Load Disaggregation. Sensors, 2022, 22, 4481.	3.8	9
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	SPH simulation of liquid metal target dynamics. Nuclear Engineering and Design, 2010, 240, 940-946.	1.7	4
12	A Forecasting-Based Control Algorithm for Improving Energy Management in High Concentrator Photovoltaic Power Plant Integrated with Energy Storage Systems. Energies, 2020, 13, 4697.	3.1	4
13	Non-intrusive load disaggregation via a fully convolutional neural network: improving the accuracy on unseen household. , 2020, , .		2
14	Spectral elements for very large offshore acoustic-elastic wave simulations. , 2013, , .		2