# José Álvaro Nunes Pombo

## List of Publications by Year
in descending order

| | | | |
|---|---|---|---|
| 23 papers | 393 citations | 1163117<br>8 h-index | 1281871<br>11 g-index |
| 23 all docs | 23 docs citations | 23 times ranked | 399 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | A New Charging Algorithm for Li-Ion Battery Packs Based on Artificial Neural Networks. Batteries, 2022, 8, 18. | 4.5 | 4 |
| 2 | Ocean wave energy forecasting using optimised deep learning neural networks. Ocean Engineering, 2021, 219, 108372. | 4.3 | 62 |
| 3 | Ocean wave power forecasting using convolutional neural networks. IET Renewable Power Generation, 2021, 15, 3341-3353. | 3.1 | 8 |
| 4 | Stacking Ensemble Methodology Using Deep Learning and ARIMA Models for Short-Term Load Forecasting. Energies, 2021, 14, 7378. | 3.1 | 20 |
| 5 | Proportional Resonant Current Control and Output-Filter Design Optimization for Grid-Tied Inverters Using Grey Wolf Optimizer. Energies, 2020, 13, 1923. | 3.1 | 8 |
| 6 | Multiswarm spiral leader particle swarm optimisation algorithm for PV parameter identification. Energy Conversion and Management, 2020, 225, 113388. | 9.2 | 39 |
| 7 | Optimization of neural network with wavelet transform and improved data selection using bat algorithm for short-term load forecasting. Neurocomputing, 2019, 358, 53-71. | 5.9 | 66 |
| 8 | Daily Operation Optimization of a Hybrid Energy System Considering a Short-Term Electricity Price Forecast Scheme. Energies, 2019, 12, 924. | 3.1 | 11 |
| 9 | Collaborative swarm intelligence to estimate PV parameters. Energy Conversion and Management, 2019, 185, 866-890. | 9.2 | 89 |
| 10 | Power Management Control Strategy Based on Artificial Neural Networks for Standalone PV Applications with a Hybrid Energy Storage System. Energies, 2019, 12, 902. | 3.1 | 38 |
| 11 | Short-Term Load Forecasting using optimized LSTM Networks via Improved Bat Algorithm. , 2018, , . | | 9 |
| 12 | Daily Operation Optimization for Grid-Connected Hybrid System Considering Short-Term Electricity Price Forecast Scheme. , 2018, , . | | 2 |
| 13 | A Modified Multidimension Diode Model for PV Parameters Identification Using Guaranteed Convergence Particle Swarm Optimization Algorithm. , 2018, , . | | 0 |
| 14 | Power Management Strategy for Standalone PV Applications with Hybrid Energy Storage System. , 2018, , . | | 1 |
| 15 | A New Approach for Dynamic Energy Storage System. , 2018, , . | | 0 |
| 16 | Glowworm Swarm Optimization for photovoltaic model identification. , 2017, , . | | 2 |
| 17 | Particle Swarm Optimization for photovoltaic model identification. , 2017, , . | | 3 |
| 18 | Management System for Large Li-Ion Battery Packs with a New Adaptive Multistage Charging Method. Energies, 2017, 10, 605. | 3.1 | 19 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | Balancing management system for improving Li-ion batteries capacity usage and lifespan. , 2016, , . | | 7 |
| 20 | PV charging station for electric vehicles: Management and interface system. , 2016, , . | | 0 |
| 21 | Controller Design and Experimental Validation of a Solar Powered E-bike Charging Station. KnE Engineering, 0, , . | 0.1 | 2 |
| 22 | Current Control Optimization for Grid-tied Inverters Using Cuckoo Search Algorithm. KnE Engineering, 0, , . | 0.1 | 3 |
| 23 | An Experimental Analysis of the Electrical Parameter Variation of a Photovoltaic Module. KnE Engineering, 0, , . | 0.1 | 0 |