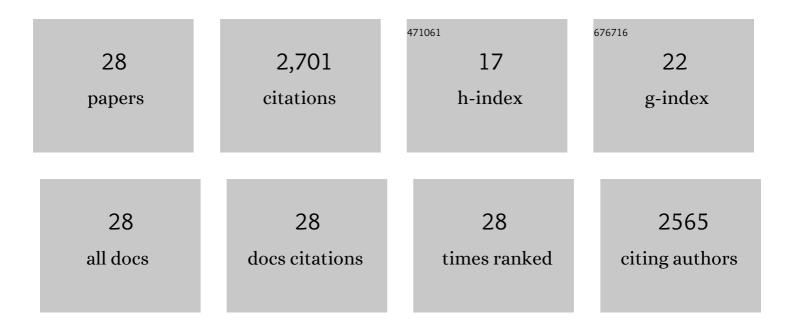
Adel Mellit

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Artificial intelligence techniques: Machine learning and deep learning algorithms. , 2022, , 43-83. | | 1 |
| 2 | Forecasting of solar radiation using machine learning and deep learning algorithms. , 2022, , 85-111. | | 0 |
| 3 | An Overview on the Application of Machine Learning and Deep Learning for Photovoltaic Output Power Forecasting. Lecture Notes in Electrical Engineering, 2021, , 55-68. | 0.3 | 3 |
| 4 | Deep Neural Networks for Predicting Solar Radiation at Hail Region, Saudi Arabia. IEEE Access, 2021, 9, 36719-36729. | 2.6 | 42 |
| 5 | Artificial intelligence and internet of things to improve efficacy of diagnosis and remote sensing of solar photovoltaic systems: Challenges, recommendations and future directions. Renewable and Sustainable Energy Reviews, 2021, 143, 110889. | 8.2 | 101 |
| 6 | Advanced Methods for Photovoltaic Output Power Forecasting: A Review. Applied Sciences (Switzerland), 2020, 10, 487. | 1.3 | 158 |
| 7 | ANNâ€based grid voltage and frequency forecaster. Journal of Engineering, 2019, 2019, 3687-3691. | 0.6 | 4 |
| 8 | Day-Ahead Photovoltaic Forecasting: A Comparison of the Most Effective Techniques. Energies, 2019, 12, 1621. | 1.6 | 131 |
| 9 | A Survey on the Application of Artificial Intelligence Techniques for Photovoltaic Systems. , 2018, , 735-761. | | 4 |
| 10 | Review of techniques based on artificial neural networks for the electrical characterization of concentrator photovoltaic technology. Renewable and Sustainable Energy Reviews, 2017, 75, 938-953. | 8.2 | 66 |
| 11 | SARIMA-SVM hybrid model for the prediction of daily global solar radiation time series. , 2016, , . | | 1 |
| 12 | Applications of ANNs in the Field of the HCPV Technology. Green Energy and Technology, 2015, , 333-351. | 0.4 | 1 |
| 13 | The Photovoltaic Laboratory at the University of Trieste, Italy. , 2014, , . | | 3 |
| 14 | A study on the mismatch effect due to the use of different photovoltaic modules classes in largeâ€scale solar parks. Progress in Photovoltaics: Research and Applications, 2014, 22, 332-345. | 4.4 | 34 |
| 15 | MPPT-based artificial intelligence techniques for photovoltaic systems and its implementation into field programmable gate array chips: Review of current status and future perspectives. Energy, 2014, 70, 1-21. | 4.5 | 120 |
| 16 | State feedback control and variable step size MPPT algorithm of three-level grid-connected photovoltaic inverter. Solar Energy, 2013, 98, 561-571. | 2.9 | 35 |
| 17 | Design and Implementation of Maximum Power Point Tracking Algorithm Using Fuzzy Logic and Genetic Algorithm. Green Energy and Technology, 2013, , 285-307. | 0.4 | 1 |
| 18 | ANFIS-based modelling for photovoltaic power supply system: A case study. Renewable Energy, 2011, 36, 250-258. | 4.3 | 118 |

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| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Application of Artificial Neural Networks for the Prediction of a 20-kWp Grid-Connected Photovoltaic Plant Power Output. Studies in Fuzziness and Soft Computing, 2011, , 261-283. | 0.6 | 5 |
| 20 | ANN-based GA for generating the sizing curve of stand-alone photovoltaic systems. Advances in Engineering Software, 2010, 41, 687-693. | 1.8 | 31 |
| 21 | Performance prediction of 20kWp grid-connected photovoltaic plant at Trieste (Italy) using artificial neural network. Energy Conversion and Management, 2010, 51, 2431-2441. | 4.4 | 89 |
| 22 | Application of neural networks and genetic algorithms for sizing of photovoltaic systems. Renewable Energy, 2010, 35, 2881-2893. | 4.3 | 79 |
| 23 | A 24-h forecast of solar irradiance using artificial neural network: Application for performance prediction of a grid-connected PV plant at Trieste, Italy. Solar Energy, 2010, 84, 807-821. | 2.9 | 702 |
| 24 | Radial Basis Function Network-based prediction of global solar radiation data: Application for sizing of a stand-alone photovoltaic system at Al-Madinah, Saudi Arabia. Energy, 2010, 35, 3751-3762. | 4.5 | 141 |
| 25 | Artificial intelligence techniques for photovoltaic applications: A review. Progress in Energy and Combustion Science, 2008, 34, 574-632. | 15.8 | 668 |
| 26 | Artificial Intelligence technique for modelling and forecasting of solar radiation data: a review. International Journal of Artificial Intelligence and Soft Computing, 2008, 1, 52. | 0.1 | 139 |
| 27 | Application of an artificial neural network for predicting the sizing curve of stand-alone photovoltaic system: a case study. International Journal of Power Electronics, 2008, 1, 150. | 0.1 | 0 |
| 28 | Sizing of stand-alone photovoltaic systems using neural network adaptive model. Desalination, 2007, 209, 64-72. | 4.0 | 24 |