# Faizal Hafiz

List of Publications by Year
in descending order

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|---|---|---|---|
| 25<br>papers | 403<br>citations | 840728<br>11<br>h-index | 996954<br>15<br>g-index |
| 25<br>all docs | 25<br>docs citations | 25<br>times ranked | 418<br>citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | Optimal use of kinetic energy for the inertial support from variable speed wind turbines. Renewable Energy, 2015, 80, 629-643. | 8.9 | 104 |
| 2 | Particle Swarm Algorithm variants for the Quadratic Assignment Problems - A probabilistic learning approach. Expert Systems With Applications, 2016, 44, 413-431. | 7.6 | 39 |
| 3 | An adaptive neuro-fuzzy inertia controller for variable-speed wind turbines. Renewable Energy, 2016, 92, 136-146. | 8.9 | 31 |
| 4 | Identification of power quality events: selection of optimum base wavelet and machine learning algorithm. IET Science, Measurement and Technology, 2019, 13, 260-271. | 1.6 | 29 |
| 5 | A two-dimensional (2-D) learning framework for Particle Swarm based feature selection. Pattern Recognition, 2018, 76, 416-433. | 8.1 | 28 |
| 6 | An efficient framework for automated screening of Clinically Significant Macular Edema. Computers in Biology and Medicine, 2021, 130, 104128. | 7.0 | 19 |
| 7 | Nonlinear rotor side converter control of DFIG based wind energy system. Electric Power Systems Research, 2021, 198, 107358. | 3.6 | 19 |
| 8 | Multi-objective evolutionary framework for non-linear system identification: A comprehensive investigation. Neurocomputing, 2020, 386, 257-280. | 5.9 | 18 |
| 9 | Classification of power quality events using wavelet packet transform and extreme learning machine. , 2016, , . | | 15 |
| 10 | Nonlinear Excitation Control of Diesel Generator: A Command Filter Backstepping Approach. IEEE Transactions on Industrial Informatics, 2021, 17, 4809-4817. | 11.3 | 15 |
| 11 | Efficient feature selection of power quality events using two dimensional (2D) particle swarms. Applied Soft Computing Journal, 2019, 81, 105498. | 7.2 | 14 |
| 12 | MultiObjective Evolutionary Approach to Grey-Box Identification of Buck Converter. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 2016-2028. | 5.4 | 14 |
| 13 | Two-Dimensional (2D) particle swarms for structure selection of nonlinear systems. Neurocomputing, 2019, 367, 114-129. | 5.9 | 12 |
| 14 | Orthogonal Floating Search Algorithms: From the perspective of nonlinear system identification. Neurocomputing, 2019, 350, 221-236. | 5.9 | 8 |
| 15 | A team-oriented approach to particle swarms. Applied Soft Computing Journal, 2013, 13, 3776-3791. | 7.2 | 7 |
| 16 | Power quality event identification using wavelet packet transform: A comprehensive investigation. , 2017, , . | | 7 |
| 17 | Structure Selection of Polynomial NARX Models Using Two Dimensional (2D) Particle Swarms. , 2018, , . | | 7 |
| 18 | Feature selection for power quality event identification. , 2017, , . | | 5 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | Optimum design of series compensation to improve power system transient stability using DFQL and PSO based controllers. , 2017, , . | | 4 |
| 20 | Optimal Inertial Support from the Variable Speed Wind Turbines using Particle Swarm Optimization. IFAC-PapersOnLine, 2015, 48, 78-83. | 0.9 | 3 |
| 21 | Speech Intelligibility Enhancement using an Optimal Formant Shifting Approach. , 2021, , . | | 2 |
| 22 | Shaping inertial response from wind turbines: A multi-objective approach. , 2016, , . | | 1 |
| 23 | A Meta-heuristic Approach to Identification of Renal Blood Flow. , 2019, , . | | 1 |
| 24 | Parameter Estimation of Thermal Model of a Building: A Meta-Heuristic Approach. , 2019, , . | | 1 |
| 25 | Probing the impact of voltage sags and swells on energy-efficient LED streetlights. , 2017, , . | | 0 |