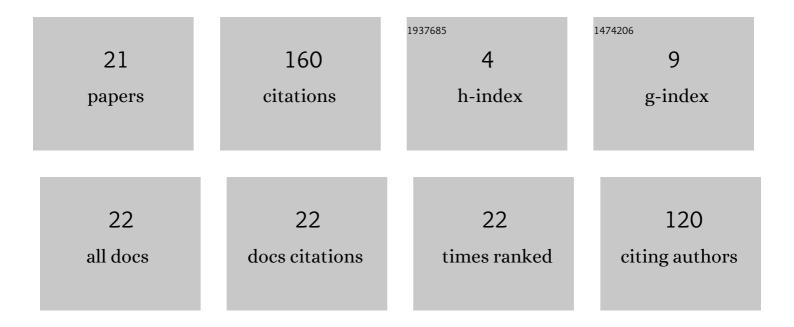
Abraham Lomi

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Selection of static VAR compensator location and size for system voltage stability improvement. Electric Power Systems Research, 2000, 54, 139-150. | 3.6 | 54 |
| 2 | Modeling of wind energy system with MPPT control. , 2011, , . | | 48 |
| 3 | Impact of load shedding on frequency and voltage system. , 2017, , . | | 16 |
| 4 | Solar Simulator Using Halogen Lamp for PV Research. Lecture Notes in Electrical Engineering, 2016, , 239-245. | 0.4 | 6 |
| 5 | Optimum Reactive Power Dispatch for Alleviation of Voltage Deviations. Telkomnika (Telecommunication Computing Electronics and Control), 2012, 10, 257. | 0.8 | 6 |
| 6 | Modeling of Maximum Power Point Tracking Controller for Solar Power System. Telkomnika (Telecommunication Computing Electronics and Control), 2012, 10, 419. | 0.8 | 6 |
| 7 | Artificial neural network-based harmonics extraction algorithm for shunt active power filter control. International Journal of Power Electronics, 2012, 4, 273. | 0.2 | 4 |
| 8 | Implementation of optimization technique on the embedded systems and wireless sensor networks for home energy management in smart grid. , 2016, , . | | 4 |
| 9 | Application of distributed generation to enhance loadability of distribution system, a case study. , 2009, , . | | 3 |
| 10 | Dynamic stability modified IEEE 3 generator 9 bus with 50 MW power injection of generator XY. , 2017, , | | 2 |
| 11 | Dynamic droop control in microgrid for stability enhancement considering RES variation. , 2017, , . | | 2 |
| 12 | A Balanced Operation of Static VAR Compensator for Voltage Stability Improvement and Harmonic Minimization. International Journal of Emerging Electric Power Systems, 2018, 19, . | 0.8 | 2 |
| 13 | Smart Grid Testbed using SCADA Software and Xbee Wireless Communication. International Journal of Advanced Computer Science and Applications, 2015, 6, . | 0.7 | 2 |
| 14 | Development of PV simulator by integrating software and hardware for laboratory testing. , 2015, , . | | 1 |
| 15 | Analysis of the Frequency and Voltage Changes While Load Shedding in the Multimachine System. , 2018, , . | | 1 |
| 16 | The Role of Renewable Energy: Sumba Iconic Island, an Implementation of 100 Percent Renewable Energy by 2020. Lecture Notes in Electrical Engineering, 2016, , 173-184. | 0.4 | 1 |
| 17 | Implementation of Expert System for Power System Voltage Stability Improvement. International Journal of Electrical Energy, 2017, 5, 65-70. | 0.4 | 1 |
| 18 | A Numerically Robust Sequential Linear Programming Algorithm for Reactive Power Optimization. E3S Web of Conferences, 2020, 188, 00002. | 0.5 | 1 |

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Optimization Design Suite for Expandable Micro-Grid Clusters. , 2018, , . | | Ο |
| 20 | Power flow model with flat frequency control and load characteristic for voltage stability indices. Journal of Physics: Conference Series, 2020, 1457, 012002. | 0.4 | 0 |
| 21 | Web-SCADA for Monitoring and Controlling Hybrid Wind-PV Power System. Telkomnika (Telecommunication Computing Electronics and Control), 2014, 12, 305. | 0.8 | Ο |