

# Abraham Lomi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7632459/publications.pdf>

Version: 2024-02-01

21  
papers

160  
citations

1937685

4  
h-index

1474206

9  
g-index

22  
all docs

22  
docs citations

22  
times ranked

120  
citing authors

#	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, , .		0
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	0