

# Ahmed M Kassem

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5849526/publications.pdf>

Version: 2024-02-01

25  
papers

413  
citations

840776

11  
h-index

794594

19  
g-index

25  
all docs

25  
docs citations

25  
times ranked

386  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antlion optimizer-ANFIS load frequency control for multi-interconnected plants comprising photovoltaic and wind turbine. ISA Transactions, 2019, 87, 282-296.	5.7	93
2	Optimal design of fuzzy PID controller for deregulated LFC of multi-area power system via mine blast algorithm. Neural Computing and Applications, 2020, 32, 4531-4551.	5.6	61
3	Review, analysis and improving the utilization factor of a PV-grid connected system via HERIC transformerless approach. Renewable and Sustainable Energy Reviews, 2017, 73, 1061-1069.	16.4	26
4	Optimal Control Based on Maximum Power Point Tracking (MPPT) of an Autonomous Hybrid Photovoltaic/Storage System in Micro Grid Applications. Energies, 2017, 10, 643.	3.1	24
5	Modelling and robust control design of a standalone wind-based energy storage generation unit powering an induction motor-variable displacement pressure-compensated pump. IET Renewable Power Generation, 2016, 10, 275-286.	3.1	23
6	Modeling, Management, and Control of an Autonomous Wind/Fuel Cell Micro-Grid System. Processes, 2019, 7, 85.	2.8	20
7	Energy-Saving of Battery Electric Vehicle Powertrain and Efficiency Improvement during Different Standard Driving Cycles. Sustainability, 2020, 12, 10466.	3.2	19
8	Power Management Strategy for Battery Electric Vehicles. IET Electrical Systems in Transportation, 2019, 9, 65-74.	2.4	18
9	Control and analysis of bidirectional interleaved hybrid converter with coupled inductors for electric vehicle applications. Electrical Engineering, 2020, 102, 195-222.	2.0	14
10	Power optimisation scheme of induction motor using FLC for electric vehicle. IET Electrical Systems in Transportation, 2020, 10, 301-309.	2.4	14
11	Design of Microgrid with Flywheel Energy Storage System Using HOMER Software for Case Study. , 2019, , .		13
12	Performance Improvements of a Permanent Magnet Synchronous Machine via Functional Model Predictive Control. Journal of Control Science and Engineering, 2012, 2012, 1-8.	1.0	11
13	Novel Fuzzy Controller for a Standalone Electric Vehicle Charging Station Supplied by Photovoltaic Energy. Applied System Innovation, 2021, 4, 63.	4.6	10
14	From MPC-Based to End-to-End (E2E) Learning-Based Control Policy for Grid-Tied 3L-NPC Transformerless Inverter. IEEE Access, 2022, 10, 57309-57326.	4.2	10
15	BFA optimization for voltage and frequency control of a stand-alone wind generation unit. Electrical Engineering, 2015, 97, 313-325.	2.0	9
16	Optimal Control of an Autonomous Variable-speed Wind Generation System Based on a Bacterial Foraging Optimization Technique. Electric Power Components and Systems, 2015, 43, 1006-1017.	1.8	7
17	A Linear Quadratic Gaussian Approach for Power Transfer Maximization of a Point Absorber Wave Energy Converter. Electric Power Components and Systems, 2015, 43, 1173-1181.	1.8	7
18	Analysis of a Hybrid Wind/Photovoltaic Energy System Controlled by Brain Emotional Learning-Based Intelligent Controller. Sustainability, 2022, 14, 4775.	3.2	7

#	ARTICLE	IF	CITATIONS
19	A Novel Sooty Terns Algorithm for Deregulated MPC-LFC Installed in Multi-Interconnected System with Renewable Energy Plants. <i>Energies</i> , 2021, 14, 5393.	3.1	6
20	Optimal control of a hybrid renewable wind/ fuel cell energy in micro grid application. , 2017, , .		5
21	Energy Management and Control Strategy of DC Microgrid Including Multiple Energy Storage Systems. , 2019, , .		5
22	Modeling and Control of a Mini Hybrid Hydro Matrix / Wind in Micro Grid Applications. <i>IEEE Access</i> , 2020, 8, 170843-170852.	4.2	4
23	Kalman estimator as a robust solution for output power maximization of wave energy converter. <i>IEEE Transactions on Electrical and Electronic Engineering</i> , 2015, 10, 390-395.	1.4	3
24	Firefly Optimization Algorithm for the Reactive Power Control of an Isolated Wind-Diesel System. <i>Electric Power Components and Systems</i> , 2017, 45, 1413-1425.	1.8	3
25	Design and modeling of hydro matrix power wheels contain nine wheels by using Matlab simulink. , 2017, , .		1