السيرة الذاتية CURRICULUM VITAE

البيانات الشخصية	
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المؤهلات العلمية				
المؤهل	اسم الجامعة	المجال- التخصص	المكان/البلد	سنة التخرج
بكلوريوس	الجامعة التكنولوجية	كهرباء عام	العراق/بغداد	1995
ماجستير	جامعة جواهرلانهرو	هندسة الكترونية وكهربائية	الهند/حيدراباد	2012
دكتوراه	جامعة البوليتكنك	هندسة الكترونيات القدرة	رومانيا/بوخارست	2017

الخبرة العلمية		
الوظائف والمناصب التي عمل بها	(من تاريخ – إلى تاريخ)	استعراض المهام الرئيسية للوظيفة أو المنصب
رئيس قسم تقنيات الكهرباء في المعهد التقني النجف	2018 وللان	ادراة القسم من الناحية العلمية والادارية

مجالات الاهتمامات البحثية

مجال اهتمامي في تقنيات الطاقة المتجددة ، وإلكترونيات الطاقة ، والطاقة البديلة والنظيفة والمحولات وتوليد الطاقة والمركبات الكهروضوئية والكهربائية.

النشاطات العلمية والمؤلفات والبحوث المنشورة (كتاب –مجلة- مؤتمر)			
No.	عنوان البحث	جهة النشر	تاريخ النشر
1-	Double Input Z-Source DC-DC Converter	*International Journal of Scientific Engineering and Technology Research*, vol.02, no. 17, November 2013.	2013
2-	Modeling, Design and Fault Analysis of Bidirectional DC-DC Converter for Hybrid Electric Vehicles	*International Journal & Magazine of Engineering, Technology, Management and Research*, vol. 3, no. 3, March 2016	2016

3-	Multiport Converter in Electrical Vehicles-A Review	*International Journal of Scientific and Research Publications*, vol. 6, no. 5, May 2016	2016
4-	The analysis and comparison of multiport converter used for renewable energy sources	Advances in Science, Technology and Engineering Systems Journal (ASTESJ), vol. 2, no. 3, pp. 906-912, 2017.	2017
5-	Efficiency of photovoltaic maximum power point tracking controller based on a fuzzy logic	*Advances in Science, Technology and Engineering Systems Journal (ASTESJ)*, vol. 2, no. 3, pp. 1245-1251, 2017.	2017
6-	Comparative study of some FLC-based MPPT methods for photovoltaic systems	*MATTER: International Journal of Science and Technology*, vol. 3, no. 3, pp. 36-50, 2017. doi: https://dx.doi.org/10.20319/mijst.2017.32.3650	2017
7-	Genetically optimization of an asymmetrical fuzzy logic based photovoltaic maximum power point tracking controller	Advances in Electrical and Computer Engineering, vol. 17, no. 4, pp. 69-76, 2017. doi: 10.4316/AECE.2017.04009	2017
8-	A survey of multiport converters used in renewable energy	*2016 International Symposium on Fundamentals of Electrical Engineering (ISFEE)*, Bucharest, Romania, 30 June -2 July, 2016, pp. 1-4, doi: 10.1109/ISFEE.2016.7803185	2016
9-	Comparative study of the multiport converter used in renewable energy systems	**2016 International Conference on Applied and Theoretical Electricity (ICATE), Craiova, Romania, October 6-8, 2016, pp. 1-6.**	2016
10-	Hybrid Photovoltaic – Battery Energy Management System Using Multiport DC-DC Converter	2016 The fourth Edition of the International Renewable and Sustainable Energy Conference (IRSEC'16), Marrakech-Morocco.	2016
11-	Power flow management in three port converter using PV panel with maximum power point tracker	*2017 10th IEEE International Symposium on Advanced Topics in Electrical Engineering (ATEE 2017)* Bucharest, Romania, March 23-25, 2017.	2017
12-	Full bridge three port converter power flow control using fuzzy logic controller	*17th IEEE International Conference on Environmental and Electrical Engineering 1st Industrial and Commercial Power Systems Europe*, Milan, Italy, June 6-9, 2017	2017
13-	Study of FLC based MPPT in	*2016 International Symposium on Fundamentals*	2016

	comparison with P&O and InC for PV systems	*of Electrical Engineering (ISFEE),* Bucharest, Romania, 30 June -2 July, 2016	
14	The use of ANN to supervise the PV MPPT based on FLC	*2017 10th IEEE International Symposium on Advanced Topics in Electrical Engineering (ATEE 2017),* Bucharest, Romania, March 23-25, 2017	2017
15	Improving the performance of PV system using genetically-tuned FLC based MPPT	*2017 International Conference on Optimization of Electrical and Electronic Equipment (OPTIM) & 2017 Intl Aegean Conference on Electrical Machines and Power Electronics (ACEMP),* Brasov, Romania, May 25-27, 2017,	2017
16	Comparative study of some FLC-based MPPT methods for photovoltaic systems	*19th International Conference on Researches in Science & Technology (ICRST), Barcelona, Spain, July 27-28, 2017.*	2017
17	Inductive Power Transfer for Charging the Electric Vehicle Batteries	Electrotehnică, Electronică, Automatică 66(4):29-39, December 2018	2018
18	Capacitive Power Transfer for Wireless Batteries Charging	Electrotehnică, Electronică, Automatică 66(4):40-51, December 2018	2018
19	Analysis of Charge Plate Configurations in Unipolar Capacitive Power Transfer System for the Electric Vehicles Batteries Charging	January 2019Procedia Manufacturing 32:418-425 Follow journal DOI: 10.1016/j.promfg.2019.02.235	2019
20	A New Analytical Formula for Coupling Capacitance of Unipolar Capacitive Coupler in Wireless Power Transfer	2019 11th International Symposium on Advanced Topics in Electrical Engineering (ATEE)	2019
21	Analysis And Control Of Power Flow Controller In Standalone Photovoltaic Using Fuzzy Logic Controller	International Journal of Advanced Science and Technology 29(12s2020):633-644, May 2020	2020
22	Fuzzy Logic Power Flow Control in divide Full Bridge Three-Port Converter	International Journal of Advanced Science and Technology 29(12s2020):633-644, May 2020	2020

23	Power Flow Management in Photovoltaic Energy System Using Multiport DC-DC Converter	1st International Multi-Disciplinary Conference Theme: Sustainable Development and Smart Planning, IMDC-SDSP 2020, Cyperspace, 28-30 June 2020	2020
24	A New Mathematical Expression for Mutual Inductance of Two Coupled Ring Coils	2020 2nd Global Power, Energy and Communication Conference (GPECOM)	2020
25	Experimental installation of wireless power transfer system based on the series resonance technology	International Journal of Power Electronics and Drive Systems 11(4):1693 DOI: 10.11591/ijpeds.v11.i4.pp1693-1700, December 2020	2020
26	Analysis and Implementation of Fuzzy Control for the MPPT Based PV Systems	Journal of Physics Conference Series 1973(1):012012, August 2021	2021

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Education:

- ✓ B.SC degree in (Electromechanical Engineering/ Electrical Engineering Department) in 1995/University of Technology/ Baghdad.
- ✓ Master of Technology Degree in Electrical and Electronic Engineering (power Electronics Engineering) (2010-2012) from Jawaharlal Nehru Technological University Hyderabad, HYDERABAD- ANDHRA PRADESH- INDIA.
- ✓ Ph.D. degree in University Politehnica of Bucharest, Faculty of Electrical Engineering, Romania, Bucharest, 2014-2017.

Skills & Activities:

Skills Renewable Energy Technologies, Power Electronics, Power Converters, Power Generation, Photovoltaic and Electrical Vehicles.

Languages Arabic Native language
English Good in (Reading, Writing and Speaking).