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Sarab Al-Chlahawi



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 Country

 Keywords

 Websites & Social Links

()

 Other IDs

Scopus Author ID: 57192545034 (<http://www.scopus.com/inward/authorDetails.url?authorID=57192545034&partnerID=MN8TOARS>)

ResearcherID: N-6034-2018 (<http://www.researcherid.com/rid/N-6034-2018>)

 Emails

sarab.haedar@yahoo.com

Biography



▼ Employment (1) 

↑↓ Sort

+ Add employment

Al-Furat Al-Awsat Technical University: Al-Najaf, Al-Najaf, IQ 


2018-09-21 to present

Employment

Source: Sarab Al-Chlahawi

★ Preferred source



▼ Education and qualifications (1) 

↑↓ Sort

+ Add education

+ Add qualification

Help

Polytechnic University of Bucharest: Bucharest, RO

2014-12-16 to 2018-01-23 | Phd (Electrical faculty)

Education



Source: Sarab Al-Chlahawi

★ Preferred source



▼ Invited positions and distinctions (0) ⓘ

⇅ Sort

+ Add distinction

+ Add invited position

An invited position is an invited non-employment affiliation. A distinction is an honorary or other award, distinction, or prize. Add invited position or add distinction.

▼ Membership and service (1) ⓘ

⇅ Sort

+ Add membership

+ Add service

IEEE: New York, NY, US

2017-08-18 to present

Membership



Source: Sarab Al-Chlahawi

★ Preferred source



▼ Funding (0) ⓘ

⇅ Sort



Funding captures grants and other awards you have received to support your research. Add funding.

▼ Works (20 of 20) ⓘ

⇅ Sort

 ✂ COMBINE 🗑 DELETED Analysis And Control Of Power Flow Controller In Standalone

Photovoltaic Using Fuzzy Logic Controller

International Journal of Advanced Science and Technology

2020 | journal-article



Source: Sarab Al-Chlahawi

★ Preferred source

 Experimental installation of wireless power transfer system based on the series resonance technology

International Journal of Power Electronics and Drive Systems

2020 | journal-article

DOI: 10.11591/ijpeds.v11.i4.pp1693-1700 (<https://doi.org/10.11591/ijpeds.v11.i4.pp1693-1700>)

EID: 2-s2.0-85090684210

Part of ISBN: 20888694





Source: Sarab Al-Chlahawi via Scopus - Elsevier

★ Preferred source






- Fuzzy Logic Power Flow Control in divide Full Bridge Three-Port Converter ▾




IOP Conference Series: Materials Science and Engineering
2020 | conference-paper
DOI: 10.1088/1757-899X/881/1/012122 (<https://doi.org/10.1088/1757-899X/881/1/012122>)
EID: 2-s2.0-85090291183
Part of ISBN: 1757899X 17578981

Source: Sarab Al-Chlahawi via Scopus - Elsevier ★ Preferred source  
- Power Flow Management in Photovoltaic Energy System Using Multiport DC-DC Converter ▾



Proceedings of the Proceedings of the 1st International Multi-Disciplinary Conference Theme: Sustainable Development and Smart Planning, IMDC-SDSP 2020, Cyperspace, 28-30 June 2020
2020 | conference-paper
DOI: 10.4108/eai.28-6-2020.2298213 (<https://doi.org/10.4108/eai.28-6-2020.2298213>)
ISBN: 9781631902611 (<https://www.worldcat.org/isbn/9781631902611>)

Source: Sarab Al-Chlahawi ★ Preferred source (of 2)  
- A New Analytical Formula for Coupling Capacitance of Unipolar Capacitive Coupler in Wireless Power Transfer System ▾ 




2019 11th International Symposium on Advanced Topics in Electrical Engineering, ATEE 2019
2019 | conference-paper
DOI: 10.1109/ATEE.2019.8724941 (<https://doi.org/10.1109/atee.2019.8724941>)
EID: 2-s2.0-85067480251

Source: Sarab Al-Chlahawi via Scopus - Elsevier ★ Preferred source (of 2)  
- Analysis of Charge Plate Configurations in Unipolar Capacitive Power Transfer System for the Electric Vehicles Batteries Charging ▾ 



Procedia Manufacturing
2019 | conference-paper
DOI: 10.1016/j.promfg.2019.02.235 (<https://doi.org/10.1016/j.promfg.2019.02.235>)
EID: 2-s2.0-85065641623













Source: Sarab Al-Chlahawi via Scopus - Elsevier ★ Preferred source (of 2)  
- Capacitive power transfer for wireless batteries charging ▾

EEA - Electrotehnica, Electronica, Automatica
2018 | journal-article
EID: 2-s2.0-85059478786

Source: Sarab Al-Chlahawi via Scopus - Elsevier ★ Preferred source  
- Experimental installation of photovoltaic MPPT controller using arduino board ▾ 

2018 International Conference on Applied and Theoretical Electricity, ICATE 2018 - Proceedings
2018 | conference-paper
DOI: 10.1109/ICATE.2018.8551397 (<https://doi.org/10.1109/icate.2018.8551397>)
EID: 2-s2.0-85059984705

Source: Sarab Al-Chlahawi via Scopus - Elsevier ★ Preferred source (of 2)  

- Inductive power transfer for charging the electric vehicle batteries ▾
EEA - Electrotehnica, Electronica, Automatica
2018 | journal-article
EID: 2-s2.0-85059453752
Source: Sarab Al-Chlahawi *via* Scopus - Elsevier ★ Preferred source  
- Three port converters used as interface in photovoltaic energy systems ▾
Advances in Science, Technology and Engineering Systems
2018 | journal-article
DOI: 10.25046/aj030231 (<https://doi.org/10.25046/aj030231>)
EID: 2-s2.0-85061842192
Source: Sarab Al-Chlahawi *via* Scopus - Elsevier ★ Preferred source  
- Efficiency of photovoltaic maximum power point tracking controller based on a fuzzy logic ▾
Advances in Science, Technology and Engineering Systems
2017 | journal-article
DOI: 10.25046/aj0203157 (<https://doi.org/10.25046/aj0203157>)
EID: 2-s2.0-85045950250
Source: Sarab Al-Chlahawi *via* Scopus - Elsevier ★ Preferred source  
- Full bridge three port converter power flow control using fuzzy logic controller ▾
Conference Proceedings - 2017 17th IEEE International Conference on Environment and Electrical Engineering and 2017 1st IEEE Industrial and Commercial Power Systems Europe, EEEIC / I and CPS Europe 2017
2017 | conference-paper
DOI: 10.1109/EEEIC.2017.7977868 (<https://doi.org/10.1109/eeeic.2017.7977868>)
EID: 2-s2.0-85026731397
Source: Sarab Al-Chlahawi *via* Scopus - Elsevier ★ Preferred source  
- Genetically optimization of an asymmetrical fuzzy logic based photovoltaic maximum power point tracking controller ▾
Advances in Electrical and Computer Engineering
2017 | journal-article
DOI: 10.4316/AECE.2017.04009 (<https://doi.org/10.4316/aece.2017.04009>)
EID: 2-s2.0-85035755676
Source: Sarab Al-Chlahawi *via* Scopus - Elsevier ★ Preferred source  
- Improving the performance of PV system using genetically-Tuned FLC based MPPT ▾ !
Proceedings - 2017 International Conference on Optimization of Electrical and Electronic Equipment, OPTIM 2017 and 2017 Intl Aegean Conference on Electrical Machines and Power Electronics, ACEMP 2017
2017 | conference-paper
DOI: 10.1109/OPTIM.2017.7975041 (<https://doi.org/10.1109/optim.2017.7975041>)
EID: 2-s2.0-85027715058
Source: Sarab Al-Chlahawi *via* Scopus - Elsevier ★ Preferred source (of 2)  

Power flow management in three port converter using PV panel with maximum power point tracker ☑

2017 10th International Symposium on Advanced Topics in Electrical Engineering, ATEE 2017 !

2017 | conference-paper

DOI: 10.1109/ATEE.2017.7905136 (<https://doi.org/10.1109/atee.2017.7905136>)

EID: 2-s2.0-85019171495

Source: Sarab Al-Chlaihawi via Scopus - Elsevier ★ Preferred source (of 2) 🔗 🗑️

The analysis and comparison of multiport converter used for renewable energy sources ☑

Advances in Science, Technology and Engineering Systems

2017 | journal-article

DOI: 10.25046/aj0203113 (<https://doi.org/10.25046/aj0203113>)

EID: 2-s2.0-85061791482

Source: Sarab Al-Chlaihawi via Scopus - Elsevier ★ Preferred source 🔗 🗑️

The use of ANN to supervise the PV MPPT based on FLC ☑

2017 10th International Symposium on Advanced Topics in Electrical Engineering, ATEE 2017 !

2017 | conference-paper

DOI: 10.1109/ATEE.2017.7905128 (<https://doi.org/10.1109/atee.2017.7905128>)

EID: 2-s2.0-85019177802

Source: Sarab Al-Chlaihawi via Scopus - Elsevier ★ Preferred source (of 2) 🔗 🗑️

A survey of multiport converters used in renewable energy ☑

2016 International Symposium on Fundamentals of Electrical Engineering, ISFEE 2016 !

2016 | conference-paper

DOI: 10.1109/ISFEE.2016.7803185 (<https://doi.org/10.1109/isfee.2016.7803185>)

EID: 2-s2.0-85011035355

Source: Sarab Al-Chlaihawi via Scopus - Elsevier ★ Preferred source (of 2) 🔗 🗑️

Comparative study of the multiport converter used in renewable energy systems ☑

2016 International Conference on Applied and Theoretical Electricity, ICATE 2016 - Proceedings !

2016 | conference-paper

DOI: 10.1109/ICATE.2016.7754650 (<https://doi.org/10.1109/icate.2016.7754650>)

EID: 2-s2.0-85006742098

Source: Sarab Al-Chlaihawi via Scopus - Elsevier ★ Preferred source (of 2) 🔗 🗑️

Study of FLC based MPPT in comparison with P&O and InC for PV systems ☑

2016 International Symposium on Fundamentals of Electrical Engineering, ISFEE 2016 !

2016 | conference-paper

DOI: 10.1109/ISFEE.2016.7803187 (<https://doi.org/10.1109/isfee.2016.7803187>)

EID: 2-s2.0-85011028449

Source: Sarab Al-Chlaihawi via Scopus - Elsevier ★ Preferred source (of 2) 🔗 🗑️

▼ Peer review (5) ?

⇅ Sort

➤review activity for Advances in science, technology and engineering systems journal.
(4)

➤review activity for IEEE access.(1)

➤review activity for International journal of numerical modelling(1)

➤review activity for International transactions on electrical energy systems.(1)

➤review activity for Journal of electrical engineering & technology.(1)

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