

Author details

The Scopus Author Identifier assigns a unique number to groups of documents written by the same author via an algorithm that matches authorship based on a certain criteria. If a document cannot be confidently matched with an author identifier, it is grouped separately. In this case, you may see more than 1 entry for the same author.

[Back to results](#) | 1 of 1

[Print](#) | [Email](#)
Lu, Dylan D.C.

University of Technology Sydney, School of Electrical, Sydney, Australia

Author ID: 7403079460

<http://orcid.org/0000-0003-2145-0580>
[About Scopus Author Identifier](#) | [View potential author matches](#)

 Other name formats: Lu, D. C.
 Lu, Dylan Dah Chuen
 Lu, Dylan D.C.
[View More](#)

Documents: 149

Citations: 1476 total citations by 1245 documents

h-index: 21

Co-authors: 102

 Subject area: Engineering , Energy [View More](#)
[Analyze author output](#)
[View citation overview](#)
[View h-graph](#)

Follow this Author

Receive emails when this author publishes new articles

[Get citation alerts](#)
[Add to ORCID](#)
[Request author detail corrections](#)

[149 Documents](#) | Cited by 1245 documents | 102 co-authors

 149 documents [View all in search results format](#)

 Sort on: [Date](#) [Cited by](#) [...](#)
[Export all](#) | [Add all to list](#) | [Set document alert](#) | [Set document feed](#)

A Preventive Approach for Solving Battery Imbalance Issue by Using a Bidirectional Multiple-Input Cuk Converter Working in DCVM

Qi, J., Lu, D.D.-C.

2017

IEEE Transactions on Industrial Electronics

0

[View at Publisher](#)
[Find it](#) [NTU](#)

Sliding mode control of a bidirectional grid connected three phase two-stage PV system with space vector PWM

Shen, L., Lu, D.D.-C., Fu, J.

2017

Chinese Control Conference, CCC

0

[View at Publisher](#)
[Find it](#) [NTU](#)

Buck-Boost Dual-Leg-Integrated Step-up Inverter with Low THD and Single Variable Control for Single-Phase High-Frequency AC Microgrids

Qin, L., Hu, M., Lu, D.D., (...), Wang, Y., Kan, J.

2017

IEEE Transactions on Power Electronics

0

Article in Press

[View at Publisher](#)
[Find it](#) [NTU](#)

Single-inductor multiple-source mixer for DC power packet dispatching system

Reza, C.M.F.S., Lu, D.D.-C., Qin, L.

2017

2017 IEEE 2nd International Conference on Direct Current Microgrids, ICDCM 2017

0

[View at Publisher](#)
[Find it](#) [NTU](#)

Model Predictive Controlled Active NPC Inverter for Voltage Stress Balancing among the Semiconductor Power Switches

Akter, M.P., Lu, D.D.-C.

2017

IOP Conference Series: Earth and Environmental Science

0

[View at Publisher](#)
[Find it](#) [NTU](#)

A GPS-based control framework for accurate current sharing and power quality improvement in microgrids

Golsorkhi, M.S., Savaghebi, M., Lu, D.D.-C., Guerrero, J.M., Vasquez, J.C.

2017

IEEE Transactions on Power Electronics

0

[View at Publisher](#)
[Find it](#) [NTU](#)

Selected Prediction Vectors Based FS-PTC for 3L-NPC Inverter Fed Motor Drives

Habibullah, M., Lu, D.D.-C., Xiao, D., Osman, I., Rahman, M.F.

2017

IEEE Transactions on Industry Applications

0

[View at Publisher](#)
[Find it](#) [NTU](#)

A more accurate analog voltage-based photovoltaic maximum power point tracking technique

Al-Soeidat, M.R., Lu, D.D.-C., Zhu, J.

2017

2017 8th International Renewable Energy Congress, IREC 2017

0

[View at Publisher](#)
[Find it](#) [NTU](#)

Author History

Publication range: 2001 - Present

References: 1611

Source history:

ECCE 2016 - IEEE Energy Conversion Congress and Exposition, Proceedings

[View documents](#)

2014 IEEE Energy Conversion Congress and Exposition, ECCE 2014

[View documents](#)
[Journal of Modern Power Systems and Clean Energy](#)
[View documents](#)
[View More](#)
[Show Related Affiliations](#)

Low complexity predictive torque control strategies for a three-level inverter driven induction motor	Habibullah, M., Lu, D.D.-C., Xiao, D., Fletcher, J.E., Rahman, M.F.	2017	IET Electric Power Applications	0
View at Publisher Find it NTU				
A GPS-based decentralized control method for islanded microgrids	Golsorkhi, M.S., Lu, D.D.-C., Guerrero, J.M.	2017	IEEE Transactions on Power Electronics	1
View at Publisher Find it NTU				
Predictive Torque Control of Induction Motor Sensorless Drive Fed by a 3L-NPC Inverter	Habibullah, M., Lu, D.D.-C., Xiao, D., Fletcher, J.E., Rahman, M.F.	2017	IEEE Transactions on Industrial Informatics	1
View at Publisher Find it NTU				
A multi-functional modular approach to developing microgrid systems	Shi, X., Zhu, J., Dah-Chuan Lu, D., Li, L.	2017	19th International Conference on Electrical Machines and Systems, ICEMS 2016	0
Find it NTU				
Advanced multi-functional model predictive control for three-phase AC/DC converters	Shi, X., Zhu, J., Dah-Chuan Lu, D., Li, L.	2017	19th International Conference on Electrical Machines and Systems, ICEMS 2016	0
Find it NTU				
Finite-State Predictive Torque Control of Induction Motor Supplied from a Three-Level NPC Voltage Source Inverter	Habibullah, M., Lu, D.D.-C., Xiao, D., Rahman, M.F.	2017	IEEE Transactions on Power Electronics	2
View at Publisher Find it NTU				
Improved power routing algorithm for power packet distribution system	Reza, C.M.F.S., Lu, D.D.-C.	2016	2016 IEEE 5th Global Conference on Consumer Electronics, GCCE 2016	1
View at Publisher Find it NTU				
Open-circuit fault tolerant bridgeless boost rectifier	Muhammad, K.S., Baharom, R., Salleh, M.K.M., Lu, D.D.-C.	2016	IECON Proceedings (Industrial Electronics Conference)	0
View at Publisher Find it NTU				
Analysis of DC Bus Capacitor Current Ripple Reduction in Basic DC/DC Cascaded Two-Stage Power Converters	An, L., Lu, D.D.-C.	2016	IEEE Transactions on Industrial Electronics	0
View at Publisher Find it NTU				
Comparing effectiveness of hybrid mppt algorithms under partial shading conditions	Al-Soeidat, M.R., Cembrano, A., Lu, D.D.-C.	2016	2016 IEEE International Conference on Power System Technology, POWERCON 2016	1
View at Publisher Find it NTU				
Feasibility study of existing 50/60Hz electrical appliances for HFAC power distribution systems	Fernando, W.A., Lu, D.D.-C.	2016	INTELEC, International Telecommunications Energy Conference (Proceedings)	0
View at Publisher Find it NTU				
Flexible absolute circuit for advanced power factor correction controller	Muhammad, K.S., Lu, D.D.-C., Baharom, R.	2016	ISCAIE 2016 - 2016 IEEE Symposium on Computer Applications and Industrial Electronics	0
View at Publisher Find it NTU				

Display: 20 results per page

Page 1

[Back to results](#) | 1 of 1[Top of page](#)

The data displayed above is compiled exclusively from articles published in the Scopus database. To request corrections to any inaccuracies or provide any further feedback, please [contact us](#) (registration required).
The data displayed above is subject to the privacy conditions contained in the [privacy policy](#).

About Scopus

[What is Scopus](#)
[Content coverage](#)
[Scopus blog](#)
[Scopus API](#)
[Privacy matters](#)

Language

[日本語に切り替える](#)
[切换到简体中文](#)
[切换到繁體中文](#)
[Русский язык](#)

Customer Service

[Help](#)
[Contact us](#)

ELSEVIER

[Terms and conditions](#) [Privacy policy](#)

Copyright © 2017 [Elsevier B.V.](#) All rights reserved. Scopus® is a registered trademark of Elsevier B.V.
Cookies are set by this site. To decline them or learn more, visit our [Cookies page](#).

 **RELX** Group™