

Scopus

Author details

About Scopus Author Identification

Print Em

Stone, David A.

[Follow this Author](#) h -index: 22[View \$h\$ -graph](#)

22

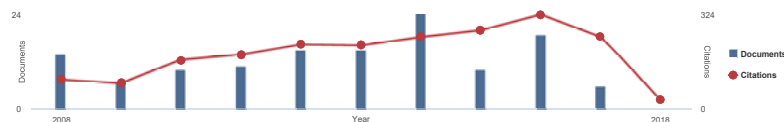
[View potential author matches](#)

University of Sheffield, Department of Electrical
and Electronic Engineering, Sheffield, United
Kingdom
Author ID: 55911587300

<http://orcid.org/0000-0002-5770-3917>

Other name formats: Stone, D. A. Stone, Dave Stone, David Stone, Dave A. Stone, D. Stone, David A.

Subject area: Engineering Energy Computer Science Materials Science Medicine Physics and Astronomy
Chemistry Mathematics Environmental Science Biochemistry, Genetics and Molecular Biology
Health Professions Business, Management and Accounting

Document and
citation trends:

Documents by author

220

[Analyze author output](#)



Total citations


2438 by 2059 documents

[View citation overview](#)
[Get citation alerts](#) [+ Add to ORCID](#) [Request author detail corrections](#)
[220 Documents](#) [Cited by 2059 documents](#) [137 co-authors](#) [Author history](#)
[View all in search results format >](#)Sort on: [Date \(newest\)](#)
[Export all](#) [Add all to list](#) [Set document alert](#) [Set document feed](#)

Document title	Authors	Year	Source	Cited by
A hybridised framework combining integrated methods for environmental Life Cycle Assessment and Life Cycle Costing	Miah, J.H., Koh, S.C.L., Stone, D.	2017	Journal of Cleaner Production	0
View abstract View at Publisher Find it @ NTU Related documents				
Demagnetization Withstand Capability Enhancement of Surface Mounted PM Machines Using Stator Modularity	Li, G., Ren, B., Zhu, Z.Q., Foster, M.P., Stone, D.A.	2017	IEEE Transactions on Industry Applications	0
Article in Press				
View abstract View at Publisher Find it @ NTU				
A battery energy management strategy for UK enhanced frequency response	Gundogdu, B., Nejad, S., Gladwin, D.T., Stone, D.A.	2017	IEEE International Symposium on Industrial Electronics	0
View abstract View at Publisher Find it @ NTU Related documents				
Experimental analysis of Dynamic Charge Acceptance test conditions for lead-acid and lithium iron phosphate cells	Smith, M.J., Gladwin, D.T., Stone, D.A.	2017	Journal of Energy Storage	0
View abstract View at Publisher Find it @ NTU Related documents				
Magnetic tomography for lead acid batteries Open Access	Harrison, H.T., Cooke, G., Hewitt, D.A., Stone, D.A., Green, J.E.	2017	Journal of Energy Storage	0
View abstract View at Publisher Find it @ NTU Related documents				

Document title	Authors	Year	Source	Cited by
Novel Dual-Phase-Shift Control With Bidirectional Inner Phase Shifts for a Dual-Active-Bridge Converter Having Low Surge Current and Stable Power Control	Liu, X., Zhu, Z.Q., Stone, D.A., (...), Urquhart, I., Greenough, J.	2017	IEEE Transactions on Power Electronics	1
View abstract View at Publisher Find it @ NTU Related documents				
Phase shift control based Maximum Efficiency Point Tracking in resonant wireless power system and its realization	Zhao, R., Gladwin, D.T., Stone, D.A.	2016	IECON Proceedings (Industrial Electronics Conference)	0
View abstract View at Publisher Find it @ NTU Related documents				
A Model-based Predictive Current Controller for a back-to-back connected multilevel converter aerospace starter-generator	Williams, R.H., Foster, M.P., Stone, D.A.	2016	IECON Proceedings (Industrial Electronics Conference)	0
View abstract View at Publisher Find it @ NTU Related documents				
Experimental analysis of dynamic charge acceptance test conditions for lead-acid cells	Smith, M.J., Gladwin, D.T., Stone, D.A.	2016	IECON Proceedings (Industrial Electronics Conference)	0
View abstract View at Publisher Find it @ NTU Related documents				
A hybrid battery parameter identification concept for lithium-ion energy storage applications	Nejad, S., Gladwin, D.T., Stone, D.A.	2016	IECON Proceedings (Industrial Electronics Conference)	0
View abstract View at Publisher Find it @ NTU Related documents				
On-chip implementation of Extended Kalman Filter for adaptive battery states monitoring	Nejad, S., Gladwin, D.T., Stone, D.A.	2016	IECON Proceedings (Industrial Electronics Conference)	2
View abstract View at Publisher Find it @ NTU Related documents				
Observation of electrolytic capacitor ageing behaviour for the purpose of prognostics	Hewitt, D.A., Green, J.E., Davidson, J.N., Foster, M.P., Stone, D.A.	2016	IECON Proceedings (Industrial Electronics Conference)	0
View abstract View at Publisher Find it @ NTU Related documents				
Critical Design Criterion for Achieving Zero Voltage Switching in Inductorless Half-Bridge-Driven Piezoelectric-Transformer-Based Power Supplies	Foster, M.P., Davidson, J.N., Horsley, E.L., Stone, D.A.	2016	IEEE Transactions on Power Electronics	1
View abstract View at Publisher Find it @ NTU Related documents				
Measurement and Characterization Technique for Real-Time Die Temperature Prediction of MOSFET-Based Power Electronics	Davidson, J.N., Stone, D.A., Foster, M.P., Gladwin, D.T.	2016	IEEE Transactions on Power Electronics	3
View abstract View at Publisher Find it @ NTU Related documents				
A systematic review of lumped-parameter equivalent circuit models for real-time estimation of lithium-ion battery states	Nejad, S., Gladwin, D.T., Stone, D.A.	2016	Journal of Power Sources	29
View abstract View at Publisher Find it @ NTU Related documents				
Real-time temperature estimation in a multiple device power electronics system subject to dynamic cooling	Davidson, J.N., Stone, D.A., Foster, M.P., Gladwin, D.T.	2016	IEEE Transactions on Power Electronics	1
View abstract View at Publisher Find it @ NTU Related documents				
Examining contrasting excitation modes within battery characterisation using maximum length sequences	Fairweather, A., Stone, D., Foster, M.	2016	PCIM Europe 2016; International Exhibition and Conference for Power Electronics, Intelligent Motion, Renewable Energy and Energy Management	0
View abstract View at Publisher Find it @ NTU Related documents				
Maximum efficiency point tracking for resonant wireless power transfer	Zhao, R., Gladwin, D.T., Stone, D.A.	2016	IET Conference Publications	0
View abstract View at Publisher Find it @ NTU Related documents				
Repurposing ATX power supply for battery charging applications	Abuzed, S.A., Tsang, C.-W., Foster, M.P., Stone, D.A.	2016	IET Conference Publications	0
View abstract View at Publisher Find it @ NTU Related documents				

Document title	Authors	Year	Source	Cited by
Performance evaluation of SiC MOSFET in 5-level single phase converter	Gomez-Palomino, J.D., Foster, M.P., Stone, D.A.	2016	IET Conference Publications	0
View abstract  View at Publisher Find it  NTU Related documents				

Display:  results per page [1](#) 2 3 4 5 ... 11 > >> [^ Top of page](#)

The data displayed above is compiled exclusively from documents indexed in the Scopus database. To request corrections to any inaccuracies or provide any further feedback, please use the [Author Feedback Wizard](#).

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 © 2018 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