

Scopus

## Author details

About Scopus Author Id


[Return to search results](#) [Previous](#) 2 of 5 [Next](#) >[Print](#) [i](#)

Venkatesh, Bala

[Follow this Author](#)*h*-index: ⓘ[View \*h\*-](#)

20

Ryerson University, Department of Electrical &  
Computer Engineering, Toronto, Canada  
Author ID: 7006518081

[View potential author matches](#) <http://orcid.org/0000-0002-0392-6269>

Other name formats:

Venkatesh, B. S.

Venkatesh, B.

Subject area:

Engineering

Energy

Computer Science

Social Sciences

Mathematics

Materials Science

Business, Management and Accounting

Physics and Astronomy

Neuroscience

Document and  
citation trends:

Documents by author





136







[Analyze author c](#)




Total citations

1802 by 1673 documents

[View citation ovr](#)
[Get citation alerts](#) [+ Add to ORCID ⓘ](#) [Request author detail corrections](#) [Export profile to SciVal](#)
[136 Documents](#)[Cited by 1673 documents](#)[141 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	Ci
A Fuzzy Optimization Model for Distribution System Asset Planning with Energy Storage	Masteri, K., Venkatesh, B., Freitas, W.	2018	IEEE Transactions on Power Systems	
			Article in Press	
View abstract <a href="#">View at Publisher</a> <a href="#">Find it  NTU</a>				
Contactor Modeling Technology Based on an Artificial Neural Network	Longfei, T., Zhihong, X., Venkatesh, B.	2018	IEEE Transactions on Magnetics	
			54(2), 824-1801	
View abstract <a href="#">View at Publisher</a> <a href="#">Find it  NTU</a> <a href="#">Related documents</a>				
Assessing energy storage potential to facilitate the increased penetration of photovoltaic generators and electric vehicles in distribution networks	Cunha, V.C., Torquato, R., Ricciardi, T.R., Freitas, W., Venkatesh, B.	2018	IEEE Power and Energy Society General Meeting	
			2018-January, pp. 1-5	
View abstract <a href="#">View at Publisher</a> <a href="#">Find it  NTU</a> <a href="#">Related documents</a>				
Water-filling exact solutions for load balancing of smart power grid systems	He, P., Li, M., Zhao, L., Venkatesh, B., Li, H.	2018	IEEE Transactions on Smart Grid	
			9(2), pp. 1397-1407	
View abstract <a href="#">View at Publisher</a> <a href="#">Find it  NTU</a> <a href="#">Related documents</a>				

Document title	Authors	Year	Source	Ci
Line-Wise Power Flow and Voltage Collapse	Mohamed, A.A., Venkatesh, B.	2017	IEEE Transactions on Power Systems	
			Article in Press	
View abstract  View at Publisher <a href="#">Find it</a>  NTU				
Urban sustainability through emerging technologies	Singh, B.B.N., Sun, S., Roy, P., (...), Okoye, F., Muthusamy, V.	2017	IHTC 2017 - IEEE Canada International Humanitarian Technology Conference 2017 8058180, pp. 161-166	
View abstract  View at Publisher <a href="#">Find it</a>  NTU	Related documents			
Pole-mounted battery energy storage for reliability enhancement of local distribution companies	Awadallah, M.A., Venkatesh, B., Tolentino, E., Thompson, G.	2017	Journal of Energy Storage 13, pp. 425-434	
View abstract  View at Publisher <a href="#">Find it</a>  NTU	Related documents			
Anti-Islanding Protection Relay for Medium Voltage Feeder With Multiple Distributed Generators	Xiao, H.F., Fang, Z., Xu, D., Venkatesh, B., Singh, B.	2017	IEEE Transactions on Industrial Electronics 64(10),7902157, pp. 7874-7885	
View abstract  View at Publisher <a href="#">Find it</a>  NTU	Related documents			
Performance of a loss model based nonlinear controller for IPMSM drive incorporating parameter uncertainties	Nasir Uddin, M., Patel, B., Rahman, M.M., Venkatesh, B.	2017	2017 IEEE International Electric Machines and Drives Conference, IEMDC 2017 8002169	
View abstract  View at Publisher <a href="#">Find it</a>  NTU	Related documents			
Probabilistic evaluation and planning of power transmission system reliability	Makvand, S.B., Venkatesh, B., Cheng, D., Yu, P.	2017	IET Generation, Transmission and Distribution 11(5), pp. 1119-1125	
View abstract  View at Publisher <a href="#">Find it</a>  NTU	Related documents			
Power allocation for cognitive energy harvesting and smart power grid coexisting system	He, P., Zhao, L., Venkatesh, B.	2017	IEEE Vehicular Technology Conference 7881171	
View abstract  View at Publisher <a href="#">Find it</a>  NTU	Related documents			
Boosted neural networks for improved short-term electric load forecasting	Khwaja, A.S., Zhang, X., Anpalagan, A., Venkatesh, B.	2017	Electric Power Systems Research 143, pp. 431-437	
View abstract  View at Publisher <a href="#">Find it</a>  NTU	Related documents			
Novel Water-Filling for Maximum Throughput of Power Grid, MIMO, and Energy Harvesting Coexisting System with Mixed Constraints	He, P., Zhao, L., Venkatesh, B.	2017	IEEE Transactions on Communications 65(2),7782333, pp. 827-838	
View abstract  View at Publisher <a href="#">Find it</a>  NTU	Related documents			
Anti-islanding protection relay for medium voltage feeder with distributed generator	Xiao, H., Fang, Z., Li, C., (...), Venkatesh, B., Singh, B.N.	2016	2016 IEEE Electrical Power and Energy Conference, EPEC 2016 7771791	
View abstract  View at Publisher <a href="#">Find it</a>  NTU	Related documents			
Optimal Location and Sizing of Fault Current Limiters in Mesh Networks Using Iterative Mixed Integer Nonlinear Programming	Yu, P., Venkatesh, B., Yazdani, A., Singh, B.N.	2016	IEEE Transactions on Power Systems 31(6),7379010, pp. 4776-4783	
View abstract  View at Publisher <a href="#">Find it</a>  NTU	Related documents			

Document title	Authors	Year	Source	Ci
Implementation of load-curve smoothing algorithm based on battery energy storage system	Baun, M., Awadallah, M.A., Venkatesh, B.	2016	Canadian Conference on Electrical and Computer Engineering 2016-October, 7726668	
View abstract  View at Publisher <a href="#">Find it @ NTU</a> Related documents				
Impact of EV Charger Load on Distribution Network Capacity: A Case Study in Toronto	Awadallah, M.A., Singh, B.N., Venkatesh, B.	2016	Canadian Journal of Electrical and Computer Engineering 39(4), 7778266, pp. 268-273	
View abstract  View at Publisher <a href="#">Find it @ NTU</a> Related documents				
Design and Transient Operation Assessment of Resonant FCLs in Bulk Power Systems	Alizadeh, O., Yazdani, A., Venkatesh, B., Singh, B.N.	2016	IEEE Transactions on Power Delivery 31(4), 7337448, pp. 1580-1590	
View abstract  View at Publisher <a href="#">Find it @ NTU</a> Related documents				
A testing platform for distribution grid with multiple grid-connected converters	Xiao, H., Fang, Z., Xu, D., (...), Venkatesh, B., Singh, B.N.	2016	2016 IEEE 8th International Power Electronics and Motion Control Conference, IPEMC-ECCE Asia 2016 7512875, pp. 3621-3626	
View abstract  View at Publisher <a href="#">Find it @ NTU</a> Related documents				
On the Effects of Solar Panels on Distribution Transformers	Awadallah, M.A., Xu, T., Venkatesh, B., Singh, B.N.	2016	IEEE Transactions on Power Delivery 31(3), 7127048, pp. 1175-1185	
View abstract  View at Publisher <a href="#">Find it @ NTU</a> Related documents				

Display:   results per page[1](#) [2](#) [3](#) [4](#) [5](#) ... [7](#) [>](#) [>>](#)[^](#) 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](#).

