

# Author details

[Print](#) | [E-mail](#)
**Leite Da Silva, Armando Martins**

Pontifícia Universidade Católica do Rio de Janeiro,  
Rio de Janeiro, Brazil  
Author ID: 7003433887

[About Scopus Author Identifier](#) | [View potential author matches](#)

Other name formats: Leite da Silva, Armando M.  
Leite da Silva, Armando  
Leite Da Silva, Armande M.  
[View More](#)

Documents: 82  
Citations: 1378 total citations by 1025 documents  
*h*-index: 20  
Co-authors: 105  
Subject area: Engineering , Energy [View More](#)

[Analyze author output](#)  
[View citation overview](#)  
[View h-graph](#)

**82 Documents** | Cited by 1025 documents | 105 co-authors

**82 documents** [View in search results format](#)

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

A methodology for computing robust dynamic equivalents of large power systems Jardim, J.L., Leite da Silva, A.M. 2017 Electric Power Systems Research 0

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

Spinning reserve assessment via quasi-sequential Monte Carlo simulation with renewable sources Leite Da Silva, A.M., Castro, J.F.C., Gonzalez-Fernandez, R.A. 2016 2016 International Conference on Probabilistic Methods Applied to Power Systems, PMAPS 2016 - Proceedings 0

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

Transmission expansion planning based on relaxed N-1 criteria and reliability indices Leite Da Silva, A.M., Freire, M.R., Assis, F.A., Manso, L.A.F. 2016 2016 International Conference on Probabilistic Methods Applied to Power Systems, PMAPS 2016 - Proceedings 0

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

Transmission expansion planning optimization by adaptive multi-operator evolutionary algorithms Leite Da Silva, A.M., Freire, M.R., Honório, L.M. 2016 Electric Power Systems Research 7

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

Support Vector Machine application in composite reliability assessment Resende, L.C., Manso, L.A.F., Dutra, W.D., Leite da Silva, A.M. 2015 2015 18th International Conference on Intelligent System Application to Power Systems, ISAP 2015 0

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

Spare transformers optimization using Monte Carlo simulation and metaheuristic techniques Leite da Silva, A.M., De Costa, J.G.C., Machado, K.G., Moraes, C.H.V. 2015 2015 18th International Conference on Intelligent System Application to Power Systems, ISAP 2015 0

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

Probabilistic Method for Optimizing the Number and Timing of Substation Spare Transformers Leite Da Silva, A.M., De Carvalho Costa, J.G., Machado, K.G., De Souza, L.L., González-Fernández, R.A. 2015 IEEE Transactions on Power Systems 3

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

Probabilistic Method for Optimizing the Number and Timing of Substation Spare Transformers Leite da Silva, A. M., de Carvalho Costa, J. G., Machado, K. G., de Souza, L. L., Gonzalez-Fernandez, R. A. 2014 IEEE Transactions on Power Systems 0  
Article in Press

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

Composite systems reliability evaluation based on Monte Carlo simulation and cross-entropy methods González-Fernández, R.A., Leite Da Silva, A.M., Resende, L.C., Schilling, M.T. 2013 IEEE Transactions on Power Systems 25

Follow this Author

Receive emails when this author publishes new articles

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














## Author History

Publication range: 1981 - Present

References: 745

**Source history:**
[Controle and Automacao](#) [View docur](#)
[IEEE Proceedings: Generation, Transmission and Distribul](#) [View docur](#)

 Technical Papers - IEEE/PES 1985 Winter Meeting. [View docur](#)
[View More](#)
[Show Related Affiliations](#)

View at Publisher <a href="#">Find it</a>  NTU					
Simplified cross-entropy based approach for generating capacity reliability assessment	De Carvalho, L.M., González-Fernández, R.A., Leite Da Silva, A.M., Da Rosa, M.A., Miranda, V.	2013	IEEE Transactions on Power Systems	9	
View at Publisher <a href="#">Find it</a>  NTU					
Multi-agent systems applied to reliability assessment of power systems	Da Rosa, M.A., Leite Da Silva, A.M., Miranda, V.	2012	International Journal of Electrical Power and Energy Systems	14	
View at Publisher <a href="#">Find it</a>  NTU					
Probabilistic analysis for maximizing the grid integration of wind power generation	De Magalhaes Carvalho, L., Da Rosa, M.A., Leite Da Silva, A.M., Miranda, V.	2012	IEEE Transactions on Power Systems	9	
View at Publisher <a href="#">Find it</a>  NTU					
Chronological power flow for planning transmission systems considering intermittent sources	Leite Da Silva, A.M., Da Fonseca Manso, L.A., De Sousa Sales, W., (...), Anders, G.J., De Resende, L.C.	2012	IEEE Transactions on Power Systems	17	
View at Publisher <a href="#">Find it</a>  NTU					
Distributed energy resources impact on distribution system reliability under load transfer restrictions	Leite Da Silva, A.M., Nascimento, L.C., Da Rosa, M.A., Issicaba, D., Peças Lopes, J.A.	2012	IEEE Transactions on Smart Grid	21	
View at Publisher <a href="#">Find it</a>  NTU					
Operating reserve evaluation of generating system with high penetration of renewable sources	Sales, W.S., Manso, L.A.F., Resende, L.C., Leite Da Silva, A.M., Rosa, M.A.	2011	CIGRE International Symposium Recife 2011 on Assessing and Improving Power System Security, Reliability and Performance in Light of Changing Energy Sources	0	
<a href="#">Find it</a>  NTU					
Reliability of generation and transmission systems with large penetration of renewable sources	Flávio, S.A., Manso, L.A.F., Resende, L.C., Sales, W.S., Leite Da Silva, A.M.	2011	CIGRE International Symposium Recife 2011 on Assessing and Improving Power System Security, Reliability and Performance in Light of Changing Energy Sources	2	
<a href="#">Find it</a>  NTU					
Reliability assessment of time-dependent systems via sequential cross-entropy Monte Carlo simulation	González-Fernández, R.A., Leite Da Silva, A.M.	2011	IEEE Transactions on Power Systems	33	
View at Publisher <a href="#">Find it</a>  NTU					
Performance comparison of metaheuristics to solve the multi-stage transmission expansion planning problem	Leite da Silva, A.M., Rezende, L.S., Honório, L.M., Manso, L.A.F.	2011	IET Generation, Transmission and Distribution	32	
View at Publisher <a href="#">Find it</a>  NTU					
Cross-Entropy method for reliability worth assessment of renewable generating systems	González-Fernández, R.A., Leite da Silva, A.M.	2011	17th Power Systems Computation Conference, PSCC 2011	5	
<a href="#">Find it</a>  NTU					
Transmission expansion planning: A methodology to include security criteria and uncertainties using optimization techniques	Leite da Silva, A.M., Rezende, L.S., Manso, L.A.F.	2011	Springer Series in Reliability Engineering	1	
View at Publisher <a href="#">Find it</a>  NTU					

Display:  results per page

Page 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](#).

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

[切换到简体中文](#)  
[切换到繁體中文](#)  
[Русский язык](#)

[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