

## Author details

Back to results | 1 of 2 Next &gt;

Print | E-mail

Ceballos, Salvador J.

Tecnalia Research and Innovation, Energy and  
Environment Division, Derio, Spain

Author ID: 19640066400

[About Scopus Author Identifier](#) | [View potential author matches](#)Other name formats: Ceballos, Salvador  
Ceballos, S. J.  
Ceballos, S.

Documents: 104

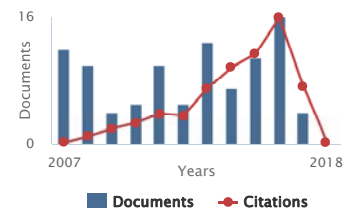
Citations: 1842 total citations by 1327 documents

h-index: 22

Co-authors: 121

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](#)

104 Documents | Cited by 1327 documents | 121 co-authors

104 documents [View all in search results format](#)Sort on: **Date** [Cited by](#) [Export all](#) | [Add all to list](#) | [Set document alert](#) | [Set document feed](#)

Generalized PWM-Based Method for Multiphase Neutral-Point-Clamped Converters with Capacitor Voltage Balance Capability	López, I., Ceballos, S., Pou, J., (...), Ibarra, E., Konstantinou, G.	2017	IEEE Transactions on Power Electronics	1
<a href="#">View at Publisher</a> <a href="#">Find it</a> <a href="#">NTU</a>				
Reliable Modular Multilevel Converter Fault Detection with Redundant Voltage Sensor	Picas, R., Zaragoza, J., Pou, J., Ceballos, S.	2017	IEEE Transactions on Power Electronics	2
<a href="#">View at Publisher</a> <a href="#">Find it</a> <a href="#">NTU</a>				
Elimination of Low-Frequency Ripples and Regulation of Neutral-Point Voltage in Stacked Multicell Converters	Ghias, A.M.Y.M., Pou, J., Acuna, P., (...), Agelidis, V.G., Merabet, A.	2017	IEEE Transactions on Power Electronics	0
<a href="#">View at Publisher</a> <a href="#">Find it</a> <a href="#">NTU</a>				
Open access simulation toolbox for the grid connection of offshore wind farms using multi-terminal HVDC networks	Ugalde-Loo, C.E., Adeuyi, O.D., Wang, S., (...), Castro, A., Azpiri, I.	2017	IET Conference Publications	0
<a href="#">Find it</a> <a href="#">NTU</a>				
Comparison of bipolar sub-modules for the alternate arm converter	Wickramasinghe, H.R., Konstantinou, G., Pou, J., (...), Ceballos, S., Agelidis, V.G.	2016	IECON Proceedings (Industrial Electronics Conference)	0
<a href="#">View at Publisher</a> <a href="#">Find it</a> <a href="#">NTU</a>				
Submodule power losses balancing algorithms for the modular multilevel converter	Picas, R., Pou, J., Zaragoza, J., (...), Ceballos, S., Clare, J.	2016	IECON Proceedings (Industrial Electronics Conference)	0
<a href="#">View at Publisher</a> <a href="#">Find it</a> <a href="#">NTU</a>				
A universal formulation for selective harmonic elimination PWM with half-wave symmetry for multilevel voltage source converters	Perez-Basante, A., Ceballos, S., Konstantinou, G., (...), Andreu, J., De Alegria, I.M.	2016	IECON Proceedings (Industrial Electronics Conference)	0
<a href="#">View at Publisher</a> <a href="#">Find it</a> <a href="#">NTU</a>				
A hybrid modular multilevel converter with partial embedded energy storage	Konstantinou, G., Pou, J., Pagano, D., Ceballos, S.	2016	Energies	0
<a href="#">View at Publisher</a> <a href="#">Find it</a> <a href="#">NTU</a>				
Control of Circulating Currents in Modular Multilevel Converters Through Redundant Voltage Levels	Konstantinou, G., Pou, J., Ceballos, S., (...), Zaragoza, J., Agelidis, V.G.	2016	IEEE Transactions on Power Electronics	3
<a href="#">View at Publisher</a> <a href="#">Find it</a> <a href="#">NTU</a>				
Circulating current control for modular multilevel converter based on selective harmonic elimination with ultra-low switching frequency	Perez-Basante, A., Ceballos, S., Konstantinou, G., (...), Pou, J., De Alegria, I.M.	2016	2016 18th European Conference on Power Electronics and Applications, EPE 2016 ECCE Europe	0

Open Access

## Author History












Publication range: 2005 - Present

References: 1356

## Source history:

2014 IEEE Energy Conversion Congress and Exposition, ECCE 2014

[View docur](#)[IET Power Electronics](#)[View docur](#)[PCIM Europe Conference Proceedings](#)[View More](#)[View docur](#)[Show Related Affiliations](#)

View at Publisher <a href="#">Find it</a>  NTU					
Guest Editorial	Pou, J., Konstantinou, G., Ceballos, S.	2016	IET Power Electronics	0	
View at Publisher <a href="#">Find it</a>  NTU					
Interleaved Operation of Three-Level Neutral Point Clamped Converter Legs and Reduction of Circulating Currents under SHE-PWM	Konstantinou, G., Pou, J., Capella, G.J., (...), Ceballos, S., Agelidis, V.G.	2016	IEEE Transactions on Industrial Electronics	0	
View at Publisher <a href="#">Find it</a>  NTU					
Low-frequency voltage ripples in the flying capacitors of the nested neutral-point-clamped converter	Ghias, A.M.Y.M., Pou, J., Ceballos, S., Agelidis, V.G.	2016	Conference Proceedings - IEEE Applied Power Electronics Conference and Exposition - APEC	1	
View at Publisher <a href="#">Find it</a>  NTU					
Switching Frequency Analysis of Staircase-Modulated Modular Multilevel Converters and Equivalent PWM Techniques	Konstantinou, G., Pou, J., Ceballos, S., Darus, R., Agelidis, V.G.	2016	IEEE Transactions on Power Delivery	5	
View at Publisher <a href="#">Find it</a>  NTU					
Modulation Strategy for Multiphase Neutral-Point-Clamped Converters	Lopez, I., Ceballos, S., Pou, J., (...), Kortabarria, I., Agelidis, V.G.	2016	IEEE Transactions on Power Electronics	19	
View at Publisher <a href="#">Find it</a>  NTU					
Controllers for eliminating the ac components in the circulating current of modular multilevel converters	Darus, R., Pou, J., Konstantinou, G., Ceballos, S., Agelidis, V.G.	2016	IET Power Electronics	1	
View at Publisher <a href="#">Find it</a>  NTU					
Multilevel converters: Topologies, modulation and control ( Book Chapter)	Pou, J., Ceballos, S., Konstantinou, G.	2016	<i>Control Circuits in Power Electronics: Practical Issues in Design and Implementation</i>	0	
View at Publisher <a href="#">Find it</a>  NTU					
Offset PWM in modular multilevel converters for stored arm energy reduction	Konstantinou, G., Wickramasinghe, H.R., Ceballos, S., Pou, J.	2016	2016 IEEE 2nd Annual Southern Power Electronics Conference, SPEC 2016	0	
View at Publisher <a href="#">Find it</a>  NTU					
New Measuring Technique for Reducing the Number of Voltage Sensors in Modular Multilevel Converters	Picas, R., Zaragoza, J., Pou, J., Ceballos, S., Balcells, J.	2016	IEEE Transactions on Power Electronics	2	
View at Publisher <a href="#">Find it</a>  NTU					
Testing and control of a power take-off system for an oscillating-water-column wave energy converter	Henriques, J.C.C., Gomes, R.P.F., Gato, L.M.C., (...), Robles, E., Ceballos, S.	2016	Renewable Energy	19	
View at Publisher <a href="#">Find it</a>  NTU					

Display:  results per page

Page 1

[Back to results](#) | 1 of 2 [Next >](#)[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](#).

ELSEVIER

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