

Scopus

## Author details

About Scopus Author Identifier

Print Em

Bergés, Mario E.

Follow this Author

 $h$ -index: 13View  $h$ -graph

Carnegie Mellon University, Pittsburgh, United States

Author ID: 26326769400

View potential author matches

Other name formats: Bergés, Mario Berges, Mario Berges, Mario E. Berg'es, Mario Bergés, Mario Berges, M. Bergés, M. Bergés, Mario E. Bérge's, Mario

Documents by author

85 Analyze author output

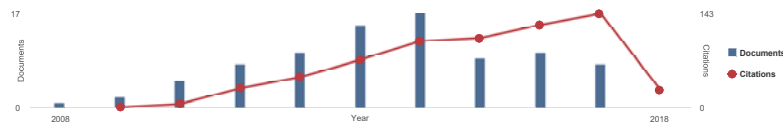
Subject area: Engineering Computer Science Energy Physics and Astronomy Materials Science Mathematics Social Sciences Environmental Science Business, Management and Accounting Health Professions Earth and Planetary Sciences Economics, Econometrics and Finance Multidisciplinary

Total citations

660 by 518 documents

View citation overview

Document and citation trends:


[Get citation alerts](#)
[+ Add to ORCID](#)
[Request author detail corrections](#)
[85 Documents](#)
[Cited by 518 documents](#)
[109 co-authors](#)
[Author history](#)









View in search results format &gt;

Sort on: Date (newest)

[Export all](#)
[Add all to list](#)
[Set document alert](#)
[Set document feed](#)

Document title	Authors	Year	Source	Cited by
Surface heat assessment for developed environments: Probabilistic urban temperature modeling	Malings, C., Pozzi, M., Klima, K., (...), Bou-Zeid, E., Ramamurthy, P.	2017	Computers, Environment and Urban Systems	1
View abstract View at Publisher Find it NTU Related documents				
An effect at the source creates ringing in a thick plate	Greve, D.W., Parra, J., Berges, M., (...), Oppenheim, I.J., Zhang, Z.	2017	IEEE International Ultrasonics Symposium, IUS	0
View abstract View at Publisher Find it NTU Related documents				
An effect at the source creates ringing in a thick plate	Greve, D., Parra, J., Berges, M., (...), Oppenheim, I., Zhang, Z.	2017	IEEE International Ultrasonics Symposium, IUS	0
View abstract View at Publisher Find it NTU				
Real-time fine grained occupancy estimation using depth sensors on ARM embedded platforms	Munir, S., Arora, R.S., Hesling, C., (...), Rowe, A., Berges, M.	2017	Proceedings of the IEEE Real-Time and Embedded Technology and Applications Symposium, RTAS	1
View abstract View at Publisher Find it NTU Related documents				
An error correction framework for sequences resulting from known state-transition models in Non-Intrusive Load Monitoring	Giri, S., Bergés, M.	2017	Advanced Engineering Informatics	0
View abstract View at Publisher Find it NTU Related documents				

Document title	Authors	Year	Source	Cited by
Forecasting airport building electricity demand on the basis of flight schedule information for demand response applications	Kang, M., Bergés, M., Akinci, B.	2017	Transportation Research Record	0
<a href="#">View abstract</a> <a href="#">View at Publisher</a> <a href="#">Find it</a> <a href="#">NTU</a>	Related documents			
An energy-based sparse representation of ultrasonic guided-waves for online damage detection of pipelines under varying environmental and operational conditions	Eyboosh, M., Berges, M., Noh, H.Y.	2017	Mechanical Systems and Signal Processing	2
<a href="#">View abstract</a> <a href="#">View at Publisher</a> <a href="#">Find it</a> <a href="#">NTU</a>	Related documents			
Predicting leaks in natural gas distribution networks using generalized linear models	Tari, Y.H., Akinci, B., Bergés, M., Pozzi, M.	2017	Congress on Computing in Civil Engineering, Proceedings	0
<a href="#">View abstract</a> <a href="#">Find it</a> <a href="#">NTU</a>	Related documents			
BOLT: Energy disaggregation by online binary matrix factorization of current waveforms	Lange, H., Bergés, M.	2016	Proceedings of the 3rd ACM Conference on Systems for Energy-Efficient Built Environments, BuildSys 2016	1
<a href="#">View abstract</a> <a href="#">View at Publisher</a> <a href="#">Find it</a> <a href="#">NTU</a>	Related documents			
Demo abstract: Portable queries using the brick schema for building applications	Balaji, B., Bhattacharya, A., Fierro, G., (...), Srivastava, M., Whitehouse, K.	2016	Proceedings of the 3rd ACM Conference on Systems for Energy-Efficient Built Environments, BuildSys 2016	0
<a href="#">View abstract</a> <a href="#">View at Publisher</a> <a href="#">Find it</a> <a href="#">NTU</a>	Related documents			
Brick: Towards a unified metadata schema for buildings	Balaji, B., Bhattacharya, A., Fierro, G., (...), Srivastava, M., Whitehouse, K.	2016	Proceedings of the 3rd ACM Conference on Systems for Energy-Efficient Built Environments, BuildSys 2016	12
<a href="#">View abstract</a> <a href="#">View at Publisher</a> <a href="#">Find it</a> <a href="#">NTU</a>	Related documents			
Virtual metering of electrical appliances through analysis of data from contactless sensing	Giri, S., Berges, M.	2016	2015 IEEE Global Conference on Signal and Information Processing, GlobalSIP 2015	0
<a href="#">View abstract</a> <a href="#">View at Publisher</a> <a href="#">Find it</a> <a href="#">NTU</a>	Related documents			
Non-intrusive load monitoring: A power consumption based relaxation	Anderson, K.D., Moura, J.M.F., Berges, M.	2016	2015 IEEE Global Conference on Signal and Information Processing, GlobalSIP 2015	0
<a href="#">View abstract</a> <a href="#">View at Publisher</a> <a href="#">Find it</a> <a href="#">NTU</a>	Related documents			
A feasibility study of automated plug-load identification from high-frequency measurements	Gao, J., Kara, E.C., Giri, S., Berges, M.	2016	2015 IEEE Global Conference on Signal and Information Processing, GlobalSIP 2015	7
<a href="#">View abstract</a> <a href="#">View at Publisher</a> <a href="#">Find it</a> <a href="#">NTU</a>	Related documents			
Sparse representation of ultrasonic guided-waves for robust damage detection in pipelines under varying environmental and operational conditions	Eyboosh, M., Berges, M., Noh, H.Y.	2016	Structural Control and Health Monitoring	3
<a href="#">View abstract</a> <a href="#">View at Publisher</a> <a href="#">Find it</a> <a href="#">NTU</a>	Related documents			
Efficient inference in dual-emission FHMM for energy disaggregation	Lange, H., Berges, M.	2016	AAAI Workshop - Technical Report	3
<a href="#">View abstract</a> <a href="#">Find it</a> <a href="#">NTU</a>	Related documents			
Electric Load Prediction Baselines for Airport Buildings: A Case Study	Kang, M., Bergés, M., Akinci, B.	2016	Construction Research Congress 2016: Old and New Construction Technologies Converge in Historic San Juan - Proceedings of the 2016 Construction Research Congress, CRC 2016	1
<a href="#">View abstract</a> <a href="#">View at Publisher</a> <a href="#">Find it</a> <a href="#">NTU</a>	Related documents			
Ultrasonic guided wave detection of scatterers on large clad steel plates	Gong, P., Harley, J.B., Berges, M., (...), Greve, D.W., Oppenheim, I.J.	2016	Proceedings of SPIE - The International Society for Optical Engineering	0

Document title	Authors	Year	Source	Cited by
View abstract  View at Publisher <a href="#">Find it</a>  NTU Related documents				
A data-driven meta-data inference framework for building automation systems	Gao, J., Ploennigs, J., Bergés, M.	2015	BuildSys 2015 - Proceedings of the 2nd ACM International Conference on Embedded Systems for Energy-Efficient Built	8
View abstract  View at Publisher <a href="#">Find it</a>  NTU Related documents				
Exploration and evaluation of AR, MPCA and KL anomaly detection techniques to embankment dam piezometer data	Jung, I.-S., Berges, M., Garrett, J.H., Poczos, B.	2015	Advanced Engineering Informatics	2
View abstract  View at Publisher <a href="#">Find it</a>  NTU Related documents				
Display: 20  results per page <span>1 2 3 4 5</span>  ^ 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