

Scopus

## Author details

[Return to search results](#) 1 of 1[Print](#) [Em](#)

Wymeersch, Henk

[View potential author matches](#)

Author ID: 6603074745 ⓘ

Affiliation(s): ⓘ

Chalmers University of Technology, Göteborg, Sweden [View more](#) ▾Other name formats: [Wymeersch, Henke](#) [Wymeersch, Henk Wymeersch](#) [Wymeersch, H.](#)Subject area: [Computer Science](#) [Engineering](#) [Physics and Astronomy](#) [Mathematics](#) [Materials Science](#)  
[Social Sciences](#) [Earth and Planetary Sciences](#) [Decision Sciences](#) [Energy](#)  
[Biochemistry, Genetics and Molecular Biology](#)

## Profile actions

[Is this you? Claim profile](#) ↗[Edit author profile](#)[Connect to ORCID](#) ⓘ[Alerts](#)[Set citation alert](#)[Set document alert](#)[Export profile to SciVal](#)

Documents by author

262

[Analyze author output](#)

Total citations

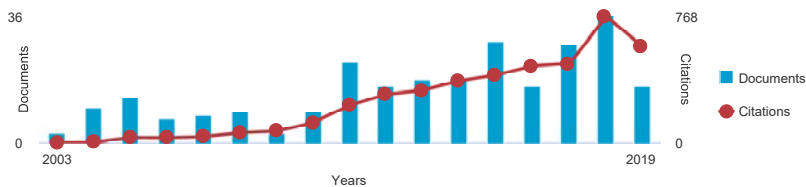
4297 by 2961 documents

[View citation overview](#)*h*-index: ⓘ

31

[View \*h\*-graph](#)

Document and citation trends:

[262 Documents](#)[Cited by 2961 documents](#)[268 co-authors](#)[Topics](#)[View them 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
Tracking Position and Orientation through Millimeter Wave Lens MIMO in 5G Systems	Shahmansoori, A., Uguen, B., Destino, G., Seco-Granados, G., Wymeersch, H.	2019	IEEE Signal Processing Letters 26(8), 875-878, pp. 1222-1226	0










[View abstract](#) ▾ [Find It @NTU Library](#) [Related documents](#)

Timer-based distributed channel access for control over unknown unreliable time-varying communication channels	Farjam, T., Charalambous, T., Wymeersch, H.	2019	2019 18th European Control Conference, ECC 2019 8796060, pp. 2975-2982	0
--	---	------	--	---

[View abstract](#) ▾ [Find It @NTU Library](#) [Related documents](#)

Timer-based distributed channel access in networked control systems over known and unknown gilbert-elliott channels	Farjam, T., Charalambous, T., Wymeersch, H.	2019	2019 18th European Control Conference, ECC 2019 8796177, pp. 2983-2989	0
---	---	------	--	---

[View abstract](#) ▾ [Find It @NTU Library](#) [Related documents](#)

Document title	Authors	Year	Source	Cited by
Decentralized Scheduling for Cooperative Localization With Deep Reinforcement Learning	Peng, B., Seco-Granados, G., Steinmetz, E., Fröhle, M., Wymeersch, H.W.	2019	IEEE Transactions on Vehicular Technology 68(5),8701533, pp. 4295-4305	0
View abstract  <a href="#">Find It @NTU Library</a> Related documents				
Guest Editorial: Introduction to the Special Section on Machine Learning-Based Internet of Vehicles: Theory, Methodology, and Applications	Guo, J., Kim, S., Wymeersch, H., Saad, W., Chen, W.	2019	IEEE Transactions on Vehicular Technology 68(5),8723487, pp. 4105-4109	0
<a href="#">Find It @NTU Library</a>				
High-Accuracy Joint Position and Orientation Estimation in Sparse 5G mmWave Channel	Talvitie, J., Koivisto, M., Levanen, T., (...), Destino, G., Wymeersch, H.	2019	IEEE International Conference on Communications 2019-May,8761910	0
View abstract  <a href="#">Find It @NTU Library</a> Related documents				
Towards a Generic Model for MU-MIMO Analysis Including Mutual Coupling and Multipath Effects	Amani, N., Wymeersch, H., Johannsen, U., (...), Ivashina, M.V., Maaskant, R.	2019	13th European Conference on Antennas and Propagation, EuCAP 2019 8739369	0
View abstract  <a href="#">Find It @NTU Library</a> Related documents				
Distributed Two-Way Localization Bounds for 5G mmWave Systems	Abu-Shaban, Z., Wymeersch, H., Abhayapala, T., Seco-Granados, G.	2019	2018 IEEE Globecom Workshops, GC Wkshps 2018 - Proceedings 8644178	0
View abstract  <a href="#">Find It @NTU Library</a> Related documents				
Performance Analysis of Hybrid 5G-GNSS Localization	Destino, G., Saloranta, J., Seco-Granados, G., Wymeersch, H.	2019	Conference Record - Asilomar Conference on Signals, Systems and Computers 2018-October,8645207, pp. 8-12	0
View abstract  <a href="#">Find It @NTU Library</a> Related documents				
Novel Solution for Multi-connectivity 5G-mmW Positioning	Saloranta, J., Destino, G., Tolli, A., Wymeersch, H.	2019	Conference Record - Asilomar Conference on Signals, Systems and Computers 2018-October,8645544, pp. 537-540	0
View abstract  <a href="#">Find It @NTU Library</a> Related documents				
5G mmWave Vehicular Tracking	Kim, H., Wymeersch, H., Garcia, N., Seco-Granados, G., Kim, S.	2019	Conference Record - Asilomar Conference on Signals, Systems and Computers 2018-October,8645553, pp. 541-547	0
View abstract  <a href="#">Find It @NTU Library</a> Related documents				
Pilot-Aided Joint-Channel Carrier-Phase Estimation in Space-Division Multiplexed Multicore Fiber Transmission	Alfredsson, A.F., Agrell, E., Wymeersch, H., (...), Luis, R.S., Karlsson, M.	2019	Journal of Lightwave Technology 37(4),8576586, pp. 1133-1142	1
View abstract  <a href="#">Find It @NTU Library</a> Related documents				
Theoretical Limits on Cooperative Positioning in Mixed Traffic Open Access	Steinmetz, E., Emardson, R., Brannstrom, F., Wymeersch, H.	2019	IEEE Access 7,8688455, pp. 49712-49725	0
View abstract  <a href="#">Find It @NTU Library</a> Related documents				

Document title	Authors	Year	Source	Cited by
Harnessing NLOS Components for Position and Orientation Estimation in 5G Millimeter Wave MIMO	Mendrzik, R., Wymeersch, H., Bauch, G., Abu-Shaban, Z.	2019	IEEE Transactions on Wireless Communications 18(1),8515231, pp. 93-107	4
<a href="#">View abstract</a> <a href="#">Find It @NTU Library</a> <a href="#">Related documents</a>				
Massive MIMO is a reality—What is next?: Five promising research directions for antenna arrays	Björnson, E., Sanguinetti, L., Wymeersch, H., Hoydis, J., Marzetta, T.L.	2019	Digital Signal Processing: A Review Journal Article in Press	4
<a href="#">View abstract</a> <a href="#">Find It @NTU Library</a> <a href="#">Related documents</a>				
A survey on 5G massive MIMO localization	Wen, F., Wymeersch, H., Peng, B., (...), So, H.C., Yang, D.	2019	Digital Signal Processing: A Review Journal Article in Press	0
<a href="#">View abstract</a> <a href="#">Find It @NTU Library</a> <a href="#">Related documents</a>				
Improved Pedestrian Detection under Mutual Interference by FMCW Radar Communications	Avdogdu, C., Garcia, N., Wymeersch, H.	2018	IEEE International Symposium on Personal, Indoor and Mobile Radio Communications, PIMRC 2018-September,8581028, pp. 101-105	0
<a href="#">View abstract</a> <a href="#">Find It @NTU Library</a> <a href="#">Related documents</a>				
Localization Optimal Multi-user Beamforming with multi-carrier mmWave MIMO	Koirala, R., Denis, B., Uguen, B., Dardari, D., Wymeersch, H.	2018	IEEE International Symposium on Personal, Indoor and Mobile Radio Communications, PIMRC 2018-September,8580712	0
<a href="#">View abstract</a> <a href="#">Find It @NTU Library</a> <a href="#">Related documents</a>				
Impact of Rough Surface Scattering on Stochastic Multipath Component Models	Kulmer, J., Wen, F., Garcia, N., Wymeersch, H., Witrisal, K.	2018	IEEE International Symposium on Personal, Indoor and Mobile Radio Communications, PIMRC 2018-September,8580964, pp. 1410-1416	1
<a href="#">View abstract</a> <a href="#">Find It @NTU Library</a> <a href="#">Related documents</a>				
Impact of Communication Frequency on Remote Control of Automated Vehicles	Nazari, M.A., Ozcelikkale, A., Zanon, M., (...), Sjöberg, J., Wymeersch, H.	2018	IEEE International Symposium on Personal, Indoor and Mobile Radio Communications, PIMRC 2018-September,8580853, pp. 96-100	0
<a href="#">View abstract</a> <a href="#">Find It @NTU Library</a> <a href="#">Related documents</a>				

Display:  [▼](#) results per page

[1](#) [2](#) [3](#) [4](#) [5](#) ... [14](#) [>](#) [>>](#)

[^](#) 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 © Elsevier B.V. All rights reserved. Scopus® is a registered trademark of Elsevier B.V.

We use cookies to help provide and enhance our service and tailor content. By continuing, you agree to the use of cookies.

 REL

