

Scopus

## Author details

About Scopus Author ID

[Return to search results](#) 1 of 4 [Next](#) >[Print](#) [Download](#)

Morton, Yu Jade

[Follow this Author](#)*h*-index: 14[View \*h\*-](#)

14

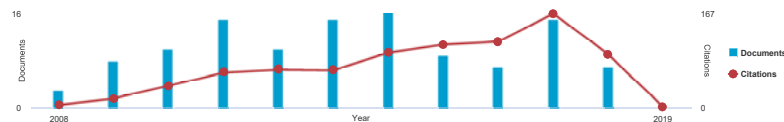
University of Colorado at Boulder, Department of  
Aerospace Engineering Sciences, Boulder, United  
States

Author ID: 6602224363

Other name formats:

[Morton, Yu T.](#) [Morton, Y. T.Jade](#) [Morton, Y.](#) [Morton, Yu T.Jade](#) [Morton, Y. T.](#) [Morton, Y. Jade](#)  
[Morton, Yu](#) [Morton, Yu Tong](#)[View potential author matches](#)

Subject area:

[Engineering](#) [Computer Science](#) [Social Sciences](#) [Earth and Planetary Sciences](#)  
[Physics and Astronomy](#) [Mathematics](#) [Decision Sciences](#)Document and  
citation trends:

Documents by author

129

[Analyze author c](#)

Total citations

858 by 552 documents

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











129 Documents










Cited by 552 documents

137 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
An improved adaptive multi-frequency GPS carrier tracking algorithm for navigation in challenging environments	Yang, R., Xu, D., Morton, Y.	2018	2018 IEEE/ION Position, Location and Navigation Symposium, PLANS 2018 - Proceedings pp. 899-907	
<a href="#">View abstract</a> <a href="#">Full Text Finder</a> <a href="#">View at Publisher</a> <a href="#">Related documents</a>				
Simulation and tracking algorithm evaluation for scintillation signals on LEO satellites traveling inside the ionosphere	Xu, D., Morton, Y., Jiao, Y., Rino, C.	2018	2018 IEEE/ION Position, Location and Navigation Symposium, PLANS 2018 - Proceedings pp. 1143-1150	
<a href="#">View abstract</a> <a href="#">Full Text Finder</a> <a href="#">View at Publisher</a> <a href="#">Related documents</a>				
Application of machine learning to the characterization of GPS L1 ionospheric amplitude scintillation	Liu, Y.L., Morton, Y.J., Jiao, Y.J.	2018	2018 IEEE/ION Position, Location and Navigation Symposium, PLANS 2018 - Proceedings pp. 1159-1166	
<a href="#">View abstract</a> <a href="#">Full Text Finder</a> <a href="#">View at Publisher</a> <a href="#">Related documents</a>				
A Semi-Open Loop GNSS Carrier Tracking Algorithm for Monitoring Strong Equatorial Scintillation	Xu, D., Morton, Y.	2018	IEEE Transactions on Aerospace and Electronic Systems 54(2), pp. 722-738	

Document title	Authors	Year	Source	Ci
View abstract  Full Text Finder View at Publisher Related documents				
New Results on Ionospheric Irregularity Drift Velocity Estimation Using Multi-GNSS Spaced-Receiver Array During High-Latitude Phase Scintillation	Wang, J., Morton, Y.J., Hampton, D.	2018	Radio Science 53(2), pp. 228-240	
View abstract  Full Text Finder View at Publisher Related documents				
An adaptive inter-frequency aiding carrier tracking algorithm for the Mountain-top GPS radio occultation signal	Yang, R., Morton, Y.	2018	Proceedings of the 2018 International Technical Meeting of The Institute of Navigation, ITM 2018 2018-January, pp. 412-419	
View abstract  Full Text Finder Related documents				
Ionosphere scintillation effects on GPS measurements, a new carrier-smoothing technique, and positioning algorithms to improve accuracy	Myer, G.T., Morton, YuT.J.	2018	Proceedings of the 2018 International Technical Meeting of The Institute of Navigation, ITM 2018 2018-January, pp. 420-439	
View abstract  Full Text Finder Related documents				
Performance Evaluation of an Automatic GPS Ionospheric Phase Scintillation Detector Using a Machine-Learning Algorithm	Jiao, Y., Hall, J.J., Morton, Y.T.	2017	Navigation, Journal of the Institute of Navigation 64(3), pp. 391-402	
View abstract  Full Text Finder View at Publisher Related documents				
Monitoring and Mitigation of Ionospheric Anomalies for GNSS-Based Safety Critical Systems: A review of up-to-date signal processing techniques	Lee, J., Morton, Y.T.J., Lee, J., Moon, H.-S., Seo, J.	2017	IEEE Signal Processing Magazine 34(5),8026593, pp. 96-110	
View abstract  Full Text Finder View at Publisher Related documents				
Radar communications via random sequence encoding	Kellett, D., Garmatyuk, D., Morton, Y.T.J., Mudaliar, S.	2017	Proceedings International Radar Symposium 8008137	
View abstract  Full Text Finder View at Publisher Related documents				
Experimental radar-enabled navigation with UWB system in indoor environments	Baucher, B., Qualls, I., Liang, B., (...), Morton, Y.T.J., Mudaliar, S.	2017	Proceedings International Radar Symposium 8008222	
View abstract  Full Text Finder View at Publisher Related documents				
Generalized GNSS Signal Carrier Tracking: Part i - Modeling and Analysis	Yang, R., Ling, K.-V., Poh, E.-K., Morton, Y.	2017	IEEE Transactions on Aerospace and Electronic Systems 53(4),7862851, pp. 1781-1797	
View abstract  Full Text Finder View at Publisher Related documents				
Generalized GNSS Signal Carrier Tracking-Part II: Optimization and Implementation	Yang, R., Ling, K.-V., Poh, E.-K., Morton, Y.	2017	IEEE Transactions on Aerospace and Electronic Systems 53(4),7865998, pp. 1798-1811	
View abstract  Full Text Finder View at Publisher Related documents				
A comparative study of ionospheric irregularity drift velocity derived from a GNSS receiver array and Poker Flat Incoherent Scatter Radar measurements during high-latitude ionospheric scintillation	Wang, J., Morton, Y.T.	2017	Journal of Geophysical Research: Space Physics 122(6), pp. 6858-6881	
Open Access				

Document title	Authors	Year	Source	Ci
View abstract  Full Text Finder View at Publisher Related documents				
Automatic Equatorial GPS Amplitude Scintillation Detection Using a Machine Learning Algorithm	Jiao, Y., Hall, J.J., Morton, Y.T.	2017	IEEE Transactions on Aerospace and Electronic Systems 53(1),7812651, pp. 405-418	
View abstract  Full Text Finder View at Publisher Related documents				
Spaced multi-GNSS receiver array as ionosphere radar for irregularity drift velocity estimation during high latitude ionospheric scintillation	Wang, J., Morton, Y.J.	2017	30th International Technical Meeting of the Satellite Division of the Institute of Navigation, ION GNSS 2017 5, pp. 3389-3401	
View abstract  Full Text Finder Related documents				
Scintillation simulation on equatorial GPS signals for dynamic platforms	Jiao, Y., Rino, C., Morton, Y.J., Carrano, C.	2017	30th International Technical Meeting of the Satellite Division of the Institute of Navigation, ION GNSS 2017 3, pp. 1644-1657	
View abstract  Full Text Finder Related documents				
Robust GPS carrier tracking algorithms during strong equatorial scintillation for dynamic platforms	Xu, D., Morton, Y.T.J., Jiao, Y., Rino, C.	2017	30th International Technical Meeting of the Satellite Division of the Institute of Navigation, ION GNSS 2017 6, pp. 4112-4121	
View abstract  Full Text Finder Related documents				
Automatic GPS phase scintillation detector using a machine learning algorithm	Jiao, Y., Hall, J., Morton, Y.	2017	Proceedings of the 2017 International Technical Meeting of The Institute of Navigation, ITM 2017 pp. 1160-1172	
View abstract  Full Text Finder Related documents				
An adaptive carrier tracking algorithm for low altitude mountain-based GPS radio occultation measurement	Yang, R., Morton, Y., Han, B.	2017	30th International Technical Meeting of the Satellite Division of the Institute of Navigation, ION GNSS 2017 6, pp. 3767-3774	
View abstract  Full Text Finder Related documents				
Display: 20  results per page 1 2 3 4 5 ... 7 > >>  Top o				

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

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](#).