

Scopus

Author details

About Scopus Author ID

[Return to search results](#) 1 of 9 [Next](#)[Print](#)

Chen, Ben M.

[Follow this Author](#)

BC Chen, Ben M.

National University of Singapore, Department of
Electrical & Computer Engineering, Singapore
City, Singapore
Author ID: 7408611448

[View potential author matches](#)

National University of
Singapore, Department
Electrical & Computer Engineering

[Is this](#)<http://orcid.org/0000-0002-3839-5787>

Other name formats:

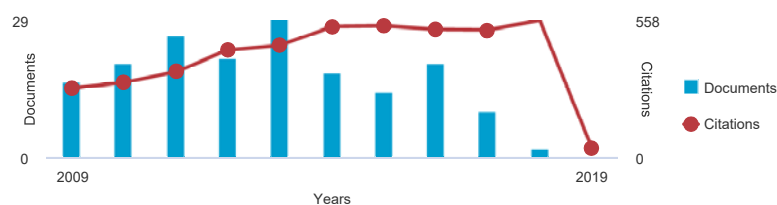
Chen, Benmei Chen, Ben M. Chen, B. M. Chen, B. Chen, Ben Chen, Ben Mei
Chen Ben, M.

Subject area:

Engineering Computer Science Mathematics Chemical Engineering Social Sciences
Physics and Astronomy Materials Science Decision Sciences Earth and Planetary Sciences

[View all](#)

Document and citation trends:

 h -index: 35[View \$h\$ -](#)

Documents by author

366 [Analyze author c](#)

Total citations

5757 by 4086 documents

[View citation ov](#)
[Get citation alerts](#) [Add to ORCID](#) [Request author detail corrections](#) [Export profile to SciVal](#)
[366 Documents](#) [Cited by 4086 documents](#) [150 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
Vision-Based Target Three-Dimensional Geolocation Using Unmanned Aerial Vehicles	Zhang, L., Deng, F., Chen, J., (...), Chen, X., Chen, B.M.	2018	IEEE Transactions on Industrial Electronics 65(10), pp. 8052-8061	

[View abstract](#) [Full Text Finder](#) [View at Publisher](#) [Related documents](#)

Cooperative control of multiple unmanned aerial systems for heavy duty carrying	Tan, Y.H., Lai, S., Wang, K., Chen, B.M.	2018	Annual Reviews in Control 46, pp. 44-57	
---	--	------	---	--

[View abstract](#) [Full Text Finder](#) [View at Publisher](#) [Related documents](#)

Deep learning for 2D scan matching and loop closure	Li, J., Zhan, H., Chen, B.M., Reid, I., Lee, G.H.	2017	IEEE International Conference on Intelligent Robots and Systems 2017-September, 8202236, pp. 763-768	
---	---	------	--	--

[View abstract](#) [Full Text Finder](#) [View at Publisher](#) [Related documents](#)

Full envelope dynamics modeling and simulation for tail-sitter hybrid UAVs	Ke, Y., Chen, B.M.	2017	Chinese Control Conference, CCC 8027691, pp. 2242-2247	
--	--------------------	------	--	--

[View abstract](#) [Full Text Finder](#) [View at Publisher](#) [Related documents](#)

Document title	Authors	Year	Source	Ci
Dynamically feasible trajectory generation method for quadrotor unmanned vehicles with state constraints	Lai, S., Wang, K., Chen, B.M.	2017	Chinese Control Conference, CCC 8028351, pp. 6252-6257	
View abstract Full Text Finder View at Publisher Related documents				
Hydrodynamic modelling for a small-scale underwater vehicle using computational fluid dynamics	Liu, X., Tan, Y.H., Di, B., Chen, B.M.	2017	IEEE International Conference on Control and Automation, ICCA 8003089, pp. 373-378	
View abstract Full Text Finder View at Publisher Related documents				
Modeling and control analysis of a flapping-wing micro aerial vehicle	Peng, K., Lin, F., Chen, B.M.	2017	IEEE International Conference on Control and Automation, ICCA 8003076, pp. 295-300	
View abstract Full Text Finder View at Publisher Related documents				
Model based robust forward transition control for tail-sitter hybrid unmanned aerial vehicles	Ke, Y., Wang, K., Gong, K., Lai, S., Chen, B.M.	2017	IEEE International Conference on Control and Automation, ICCA 8003167, pp. 828-833	
View abstract Full Text Finder View at Publisher Related documents				
Model-based optimal auto-transition and control synthesis for tail-sitter UAV KH-Lion	Wang, K., Ke, Y., Lai, S., (...), Tan, Y., Chen, B.M.	2017	IEEE International Conference on Control and Automation, ICCA 8003118, pp. 541-547	
View abstract Full Text Finder View at Publisher Related documents				
Vision-aided tracking of a moving ground vehicle with a hybrid UAV	Wang, K., Phang, S.K., Ke, Y., (...), Gong, K., Chen, B.M.	2017	IEEE International Conference on Control and Automation, ICCA 8003030, pp. 28-33	
View abstract Full Text Finder View at Publisher Related documents				
Online schedule for autonomy of multiple unmanned aerial vehicles	Peng, K., Lin, F., Chen, B.M.	2017	Science China Information Sciences 60(7),072203	
View abstract Full Text Finder View at Publisher Related documents				
Autonomous reconfigurable hybrid tail-sitter UAV U-Lion	Wang, K., Ke, Y., Chen, B.M.	2017	Science China Information Sciences 60(3),033201	
View abstract Full Text Finder View at Publisher Related documents				
Survey of autopilot for multi-rotor unmanned aerial vehicles	Yang, Z., Lin, F., Chen, B.M.	2016	IECON Proceedings (Industrial Electronics Conference) 7793820, pp. 6122-6127	
View abstract Full Text Finder View at Publisher Related documents				
Semi-dense motion segmentation for moving cameras by discrete energy minimization	Li, J., Shan, M., Lan, M., (...), Lin, F., Chen, B.M.	2016	IECON Proceedings (Industrial Electronics Conference) 7793862, pp. 6116-6121	
View abstract Full Text Finder View at Publisher Related documents				
BIT*-based path planning for micro aerial vehicles	Lan, M., Lai, S., Bi, Y., (...), Lin, F., Chen, B.M.	2016	IECON Proceedings (Industrial Electronics Conference) 7792953, pp. 6079-6084	

Document title	Authors	Year	Source	Ci
View abstract Full Text Finder View at Publisher Related documents				
A brief survey of visual odometry for micro aerial vehicles	Shan, M., Bi, Y., Qin, H., (...), Lin, F., Chen, B.M.	2016	IECON Proceedings (Industrial Electronics Conference) 7793198, pp. 6049-6054	
View abstract Full Text Finder View at Publisher Related documents				
Autonomous Navigation of UAV in Foliage Environment	Cui, J.Q., Lai, S., Dong, X., Chen, B.M.	2016	Journal of Intelligent and Robotic Systems: Theory and Applications 84(1-4), pp. 259-276	
View abstract Full Text Finder View at Publisher Related documents				
Development of autonomous hybrid UAV U-Lion with VTOL and cruise flying capabilities	Wang, K., Ke, Y., Chen, B.M.	2016	IEEE/ASME International Conference on Advanced Intelligent Mechatronics, AIM 2016-September,7576909, pp. 1053-1060	
View abstract Full Text Finder View at Publisher Related documents				
Aggressive maneuvers of a quadrotor MAV based on composite nonlinear feedback control	Li, K., Wang, K., Zhang, K., Chen, B.M.	2016	IEEE/ASME International Conference on Advanced Intelligent Mechatronics, AIM 2016-September,7576819, pp. 513-518	
View abstract Full Text Finder View at Publisher Related documents				
Path planning of rotorcrafts in unknown environment	Lai, S., Wang, K., Li, K., Chen, B.M.	2016	Chinese Control Conference, CCC 2016-August,7555081, pp. 10900-10905	
View abstract Full Text Finder View at Publisher Related documents				
Display: 20 results per page 1 2 3 4 5 ... 19 > >> 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

ELSEVIER

[Terms and conditions](#) [Privacy policy](#)

Copyright © 2019 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.

