

Scopus

## Author details

About Scopus Author Id

Print

Knowles, Joshua D.

Follow this Author

*h*-index: 40View *h*-

40

University of Birmingham, School of Computer  
Science, Birmingham, United Kingdom  
Author ID: 8987723000

View potential author matches

Other name formats:

Knowles, J. D. Knowles, Joshua D. Knowles, Joshau D. Knowles, Joshua Knowles, J.

Subject area:

Computer Science Mathematics Biochemistry, Genetics and Molecular Biology Engineering  
Decision Sciences Chemistry Medicine Agricultural and Biological Sciences Materials Science  
Social Sciences Chemical Engineering Physics and Astronomy Immunology and Microbiology  
Economics, Econometrics and Finance Earth and Planetary Sciences  
Business, Management and Accounting View all

Documents by author

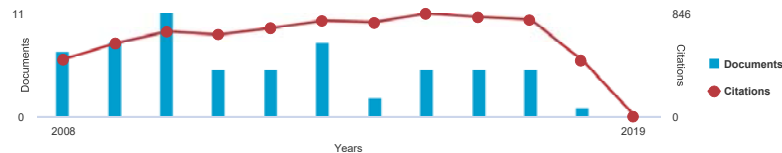
106

Analyze author c

Total citations

8891 by 6997 documents

View citation ov

Document and  
citation trends:

Get citation alerts + Add to ORCID Request author detail corrections Export profile to SciVal

106 Documents

Cited by 6997 documents

137 co-authors

Author history

View all 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	Ci
An Improved and More Scalable Evolutionary Approach to Multiobjective Clustering	Garza-Fabre, M., Handl, J., Knowles, J.	2018	IEEE Transactions on Evolutionary Computation 22(4), pp. 515-535	
View abstract Full Text Finder View at Publisher Related documents				
Sequential experimentation by evolutionary algorithms	Shir, O.M., Bäck, T., Knowles, J., Allmendinger, R.	2017	GECCO 2017 - Proceedings of the Genetic and Evolutionary Computation Conference Companion pp. 828-851	
Full Text Finder View at Publisher				
Rapid Skill Capture in a First-Person Shooter	Buckley, D., Chen, K., Knowles, J.	2017	IEEE Transactions on Computational Intelligence and AI in Games 9(1), pp. 63-75	
View abstract Full Text Finder View at Publisher Related documents				
On using decision maker preferences with ParEGO	Hakanen, J., Knowles, J.D.	2017	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) 10173 LNCS, pp. 282-297	
View abstract Full Text Finder View at Publisher Related documents				

Document title	Authors	Year	Source	Ci
Editorial: Special issue on understanding complexity in multiobjective optimization	Greco, S., Klamroth, K., Knowles, J., Rudolph, G.	2017	Journal of Multi-Criteria Decision Analysis 24(1-2), pp. 3-4	
Full Text Finder View at Publisher				
A new reduced-length genetic representation for evolutionary multiobjective clustering	Garza-Fabre, M., Handl, J., Knowles, J.	2017	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) 10173 LNCS, pp. 236-251	
View abstract ▾ Full Text Finder View at Publisher Related documents				
Generating, maintaining, and exploiting diversity in a memetic algorithm for protein structure prediction	Garza-Fabre, M., Kandathil, S.M., Handl, J., Knowles, J., Lovell, S.C.	2016	Evolutionary Computation 24(4), pp. 577-607	
View abstract ▾ Full Text Finder View at Publisher Related documents				
Fifty years of pulsar candidate selection: From simple filters to a new principled real-time classification approach	Stappers, B.W., Cooper, S., Brooke, J.M., Knowles, J.D.	2016	Monthly Notices of the Royal Astronomical Society 459(1), pp. 1104-1123	
View abstract ▾ Full Text Finder View at Publisher Related documents				
Global network cooperation catalysed by a small prosocial migrant clique	Miller, S., Knowles, J.	2016	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) 9726, pp. 62-74	
View abstract ▾ Full Text Finder View at Publisher Related documents				
Simheuristics for the multiobjective nondeterministic firefighter problem in a time-constrained setting	Michalak, K., Knowles, J.D.	2016	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) 9598, pp. 248-265	
View abstract ▾ Full Text Finder View at Publisher Related documents				
The emergence of cooperation in public goods games on randomly growing dynamic networks	Miller, S., Knowles, J.	2016	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) 9597, pp. 363-378	
View abstract ▾ Full Text Finder View at Publisher Related documents				
Using machine learning to explore the relevance of local and global features during conformational search in Rosetta	Garza-Fabre, M., Kandathil, S.M., Handl, J., Knowles, J., Lovell, S.C.	2015	GECCO 2015 - Companion Publication of the 2015 Genetic and Evolutionary Computation Conference pp. 935-938	
View abstract ▾ Full Text Finder View at Publisher Related documents				
Population fluctuation promotes cooperation in networks	Miller, S., Knowles, J.	2015	Scientific Reports 5,11054	
View abstract ▾ Full Text Finder View at Publisher Related documents				
MUSCLE: Automated multi-objective evolutionary optimization of targeted LC-MS/MS analysis	Bradbury, J., Genta-Jouve, G., Allwood, J.W., (...), He, S., Viant, M.R.	2015	Bioinformatics 31(6), pp. 975-977	
View abstract ▾ Full Text Finder View at Publisher Related documents				

Document title	Authors	Year	Source	Ci
Machine decision makers as a laboratory for interactive EMO	López-Ibáñez, M., Knowles, J.	2015	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) 9019, pp. 295-309	
<a href="#">View abstract</a> <a href="#">Full Text Finder</a> <a href="#">View at Publisher</a> <a href="#">Related documents</a>				
Multiobjective optimization: When objectives exhibit non-uniform latencies	Allmendinger, R., Handl, J., Knowles, J.	2015	European Journal of Operational Research 243(2), pp. 497-513	
<a href="#">View abstract</a> <a href="#">Full Text Finder</a> <a href="#">View at Publisher</a> <a href="#">Related documents</a>				
Hellinger distance trees for imbalanced streams	Lyon, R.J., Brooke, J.M., Knowles, J.D., Stappers, B.W.	2014	Proceedings - International Conference on Pattern Recognition 6977056, pp. 1969-1974	
<a href="#">View abstract</a> <a href="#">Full Text Finder</a> <a href="#">View at Publisher</a> <a href="#">Related documents</a>				
Molecular phenotyping of a UK population: defining the human serum metabolome	Dunn, W.B., Lin, W., Broadhurst, D., (...), Goodacre, R., Kell, D.B.	2014	Metabolomics 11(1), pp. 9-26	
<a href="#">View abstract</a> <a href="#">Full Text Finder</a> <a href="#">View at Publisher</a> <a href="#">Related documents</a>				
Predicting skill from gameplay input to a first-person shooter	Buckley, D., Chen, K., Knowles, J.	2013	IEEE Conference on Computational Intelligence and Games, CIG 6633655	
<a href="#">View abstract</a> <a href="#">Full Text Finder</a> <a href="#">View at Publisher</a> <a href="#">Related documents</a>				
A study on classification in imbalanced and partially-labelled data streams	Lyon, R.J., Brooke, J.M., Knowles, J.D., Stappers, B.W.	2013	Proceedings - 2013 IEEE International Conference on Systems, Man, and Cybernetics, SMC 2013 6722013, pp. 1506-1511	
<a href="#">View abstract</a> <a href="#">Full Text Finder</a> <a href="#">View at Publisher</a> <a href="#">Related documents</a>				

Display:  results per page [1](#) [2](#) [3](#) [4](#) [5](#) ... [6](#) [>](#) [>>](#) [^](#) [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](#).

