

Publications of Andrés Abeliuk by type

Type A

1. Andrés Abeliuk, Zhishen Huang, Emilio Ferrara, Kristina Lerman. Predictability Limit of Partially Observed Systems. *Scientific Reports (Sci Rep)* 10:article 20427, Nov 2020. Springer Nature Switzerland AG, Cham, Switzerland. ISSN 2045-2322.
2. Manuel Alfonseca, Manuel Cebrian, Antonio Fernandez Anta, Lorenzo Coviello, Andrés Abeliuk, Iyad Rahwan. Superintelligence cannot be Contained: Lessons from Computability Theory. *Journal of Artificial Intelligence Research (JAIR)* 70:65-76, Jan 2021. ISSN 1076-9757.
3. Aimei Yang, Ian Myoungsu Choi, Andrés Abeliuk, Adam Saffer. The Influence of Interdependence in Networked Publics Spheres: How Community-Level Interactions Affect the Evolution of Topics in Online Discourse. *Journal of Computer-Mediated Communication (JCMC)* 26(3):148-166, May 2021. Oxford University Press, Oxford, UK. ISSN 1083-6101.
4. Goran Muri, Alexey Tregubov, Jim Blythe, Andrés Abeliuk, Divya Choudhary, Kristina Lerman, Emilio Ferrara. Large-scale Agent-based Simulations of Online Social Networks. *Autonomous Agents and Multi-Agent Systems* 36(38), Jun 2022. Springer, Netherlands. ISSN 1573-7454.
5. Daniel Benjamin, Fred Morstatter, Ali Abbas, Andrés Abeliuk, Pavel Atanasov, Stephen Bennett, Andreas Beger. Hybrid Forecasting of Geopolitical Events. *AI Magazine* 44:112-128, Mar 2023. Association for the Advancement of Artificial Intelligence, www.aaai.org. ISSN 0738-4602.
6. Francisco Plana, Jorge Pérez, Andrés Abeliuk. Modularity of Food-Sharing Networks Minimises the Risk for Individual and Group Starvation in Hunter-Gatherer Societies. *PLOS ONE (PLOS ONE)* 18(5):article e0272733, May 2023. PLOS ONE. ISSN 1932-6203.
7. Andrés Abeliuk, Khaled Elbassioni, Talal Rahwan, Manuel Cebrian, Iyad Rahwan. Price of Anarchy in Algorithmic Matching of Romantic Partners. *ACM Transactions on Economics and Computation (TEAC)*, Nov 2024. ACM Press, New York, NY, USA. ISSN 2167-8375.
8. Francisco Plana, Andrés Abeliuk, Jorge Pérez. Quickcent: A Fast and Frugal Heuristic for Harmonic Centrality Estimation on Scale-Free Networks. *Computing*, Jun 2024. Springer Nature Switzerland AG, Cham, Switzerland. ISSN 0010-485X.
9. Cinthia Sánchez, Andrés Abeliuk, Bárbara Poblete. Large Language Models in Crisis Informatics for Zero and Few-Shot Classification. *ACM Transactions on the Web* 19(4):article 45, 2025. ACM Press, New York, NY, USA. ISSN 1559-1131.
10. Min Soo Jeon, Marcelo Mendoza, Miguel Fernández, Eliana Providel, Felipe Rodriguez, Nicolás Espina, Andres Carvallo, Andrés Abeliuk. Simulating Conversations on Social Media with Generative Agent-Based Models. *EPJ Data Science (EPJ DS)* 14:article 79, Nov 2025. SpringerOpen, Springer-Verlag, Heidelberg, Germany. ISSN 2193-1127.

Type L1

1. Nathan Bartley, Andrés Abeliuk, Emilio Ferrara, Kristina Lerman. Auditing Algorithmic Bias on Twitter. In *Proc. 13th ACM Web Science Conference (WebSci)*, pp. 65-73, 2021. Virtual Event, United Kingdom. ACM Press, New York, NY, USA.
2. Zihao He, Negar Mokhberian, Antonio Câmara, Andrés Abeliuk, Kristina Lerman. Detecting Polarized Topics Using Partisanship-aware Contextualized Topic Embeddings. In *Proc. Findings of the Association for Computational Linguistics (FEMNLP)*, pp. 2102-2118, 2021. Punta Cana, Dominican Republic. Association for Computational Linguistic.
3. Cinthia Sánchez, Hernán Sarmiento, Andrés Abeliuk, Jorge Pérez, Bárbara Poblete. Cross-Lingual and Cross-Domain Crisis Classification for Low-Resource Scenarios. In *Proc. International AAAI Conference on Web and Social Media (ICWSM)*, 2023. Association for the Advancement of Artificial Intelligence, www.aaai.org.

Type L2

1. Jose Barros, Matías Rojas, Jocelyn Dunstan, Andrés Abeliuk. Divide and Conquer: An Extreme Multi-Label Classification Approach for Coding Diseases and Procedures in Spanish. In *Proc. 13th International Workshop on Health Text Mining and Information Analysis (LOUHI)*, pp. 138-147, Dec 2022. EMNLP Abu Dhabi. Association for Computational Linguistic.