

Assoc. Prof. GÜNCE KEZİBAN ORMAN

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAA-4854-2020

ScopusID: 35180054500

Yoksis Researcher ID: 132154

Education Information

Doctorate, Insa De Lyon, Turkey 2012 - 2014

Postgraduate, Galatasaray University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (YI) (Tezli), Turkey 2007 - 2010

Undergraduate, Galatasaray University, Mühendislik Ve Teknoloji Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey 2000 - 2005

Foreign Languages

French, B2 Upper Intermediate

English, B2 Upper Intermediate

Dissertations

Doctorate, Contribution to the interpretation of evolving communities in complex networks: Application to the study of social interactions, Insa De Lyon, 2014

Postgraduate, Community detection in complex networks, Galatasaray Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (YI) (Tezli), 2010

Research Areas

algorithms, Artificial Intelligence, Computer Learning and Pattern Recognition

Academic Titles / Tasks

Research Assistant, Galatasaray University, Mühendislik Ve Teknoloji Fakültesi, Bilgisayar Mühendisliği Bölümü, 2009 - 2017

Academic and Administrative Experience

Head of Department, Galatasaray University, 2021 - 2024

Vice Dean, Galatasaray University, Mühendislik Ve Teknoloji Fakültesi, Bilgisayar Mühendisliği, 2020 - 2023

Assistant Manager of Research and Application Center, Galatasaray University, Mühendislik Ve Teknoloji Fakültesi, Bilgisayar Mühendisliği, 2020 - 2023

Deputy Head of Department, Galatasaray University, Mühendislik Ve Teknoloji Fakültesi, Bilgisayar Mühendisliği, 2019 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A Comprehensive Framework for Measuring the Immediate Impact of TV Advertisements: TV-Impact**
Arslan A., Tecimer K., Turgut H., Bali Ö., Yücel A., ALPTEKİN G., ORMAN G. K.
Entropy, vol.26, no.2, 2024 (SCI-Expanded)
- II. **Dynamic network modelling with similarity based aggregation algorithm**
Orman G. K.
COMPUTER SCIENCE AND INFORMATION SYSTEMS, vol.00, no.0, pp.12, 2022 (SCI-Expanded)
- III. **Finding proper time intervals for dynamic network extraction**
Orman G. K., Ture N., Balcisoy S., Boz H. A.
JOURNAL OF STATISTICAL MECHANICS-THEORY AND EXPERIMENT, vol.2021, no.3, 2021 (SCI-Expanded)
- IV. **Hyperoxia Alters Ultrastructure and Induces Apoptosis in Leukemia Cell Lines**
De Bels D., Tillmans F., Corazza F., Bizzarri M., Germonpre P., Radermacher P., ORMAN K., Balestra C.
BIOMOLECULES, vol.10, no.2, 2020 (SCI-Expanded)
- V. **Exploring the evolution of node neighborhoods in Dynamic Networks**
Orman G. K., Labatut V., NASKALÍ A. T.
PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, vol.482, pp.375-391, 2017 (SCI-Expanded)
- VI. **ULTRASOUND ELASTOGRAPHIC EVALUATION IN THE DIAGNOSIS OF CARPAL TUNNEL SYNDROME: INITIAL FINDINGS**
Orman G., Ozben S., HÜSEYİNOĞLU N., Duymus M., Orman K. G.
ULTRASOUND IN MEDICINE AND BIOLOGY, vol.39, no.7, pp.1184-1189, 2013 (SCI-Expanded)
- VII. **Comparative evaluation of community detection algorithms: a topological approach**
Orman G. K., Labatut V., Cherifi H.
JOURNAL OF STATISTICAL MECHANICS-THEORY AND EXPERIMENT, 2012 (SCI-Expanded)

Articles Published in Other Journals

- I. **Quantitative and Qualitative Analysis of Overlapping Community Detection Algorithms**
Orman G. K.
IAENG International Journal of Computer Science, vol.48, no.4, pp.1, 2021 (Peer-Reviewed Journal)
- II. **Interpreting communities based on the evolution of a dynamic attributed network**
Orman G. K., Labatut V., Plantevit M., Boulicaut J.
SOCIAL NETWORK ANALYSIS AND MINING, vol.5, no.1, 2015 (ESCI)
- III. **Towards realistic artificial benchmark for community detection algorithms evaluation**
Orman G. K., Labatut V., Cherifi H.
International Journal of Web Based Communities, vol.9, no.3, pp.349-370, 2013 (Scopus)
- IV. **On Accuracy of Community Structure Discovery Algorithms**
ORMAN G. K., Labatut V., Cherifi H.
Journal of Convergence Information Technology, vol.6, no.11, pp.283-292, 2011 (Scopus)

Books & Book Chapters

- I. **An Empirical Study of the Relation between Community Structure and Transitivity**
ORMAN K., LABATUT V., CHERIFI H.
in: Complex Networks Studies in Computational Intelligence, Menezes, Ronaldo, Evsukoff, Alexandre, González, Marta C, Editor, Springer-Verlag Berlin Heidelberg, pp.99-110, 2013
- II. **Qualitative Comparison of Community Detection Algorithms**
ORMAN K., LABATUT V., CHERIFI H.
in: Digital Information and Communication Technology and Its Applications Communications in Computer and Information Science, Hocine Cherifi, Jasni Mohamad Zain, Eyas El-Qawasmeh, Editor, Springer-Verlag GmbH Berlin Heidelberg, pp.265-279, 2011
- III. **A Comparison of Community Detection Algorithms on Artificial Networks**
ORMAN K., LABATUT V.
in: Discovery Science Lecture Notes in Computer Science, João Gama, Vítor Santos Costa, Alípio Mário Jorge, Pavel B. Brazdil, Editor, Springer Berlin Heidelberg, pp.242-256, 2009

Refereed Congress / Symposium Publications in Proceedings

- I. **Enhanced Item Recommendation via Graph Properties in Sparse Data**
ÖZER Ş. D. İ., ORMAN G. K.
20th IFIP WG 12.5 International Conference on Artificial Intelligence Applications and Innovations, AIAI 2024, Corfu, Greece, 27 - 30 June 2024, vol.714, pp.111-124
- II. **Exploring Graph-Based Techniques in Job Recommendation Systems**
Özlü Ö. A., ORMAN G. K., TURHAN S. N.
12th IEEE International Conference on Intelligent Systems, IS 2024, Varna, Bulgaria, 29 - 31 August 2024
- III. **On the usage of Benford's Law on coronavirus data statistics**
atakan s., ORMAN G. K.
IEEE International Conference on Big Data, sorrento, Italy, 15 - 19 December 2023
- IV. **An Empirical Study of Covid-19 Effect on Health Care Workers' Career Development**
acar k., ORMAN G. K., TURHAN S. N.
IEEE International Conference on Big Data, sorrento, Italy, 15 - 19 December 2023
- V. **Job Seeker Recommendation for Employers: A Graph-Based Recommendation Approach Using Node Embedding**
çalı f. g., ORMAN G. K.
27th International Conference on Knowledge Based and Intelligent Information and Engineering Systems (KES 2023), Atina, Greece, 6 - 08 September 2023
- VI. **On the role of user segmentation in recommender systems' performances**
ERDEM E. E., ORMAN G. K.
27th International Conference on Knowledge Based and Intelligent Information and Engineering Systems (KES 2023), Atina, Greece, 6 - 08 September 2023
- VII. **Predicting Links from Education Network of Employees**
Kocaman C., ORMAN G. K.
2023 International MultiConference of Engineers and Computer Scientists, IMECS 2023, Hong Kong, hkg, 5 - 07 July 2023, vol.2245, pp.70-75
- VIII. **Community Detection on Proximity Networks**
ORMAN G. K., Akdoğan O.
International Conference on Advances in Engineering Technologies and Physical Science, 2021, London, England, 7 - 09 July 2021, vol.919, pp.33-47
- IX. **On Experimental Study of Hotel Clustering**
Arifoğulları Ö., ORMAN G. K.
2023 International MultiConference of Engineers and Computer Scientists, IMECS 2023, Hong Kong, hkg, 5 - 07 July 2023, vol.2245, pp.82-87

- X. **Extracting Relations Between Sectors**
Kara A., DANIŞ F. S., ORMAN G. K., TURHAN S. N.
9th IEEE/ACM International Conference on Big Data Computing, Applications and Technologies (BDCAT2022), Vancouver, Washington, United States Of America, 6 - 09 December 2022, pp.77-82
- XI. **A Recommendation System Study on UserProduct Data**
Uyanık B., Orman G. K.
International Conference on Engineering Technologies (ICENTE'22), Konya, Turkey, 17 - 19 November 2022, pp.152-158
- XII. **Similarity-Based Résumé Matching via Triplet Loss with BERT Models**
Özlü Ö. A., Orman G. K., Daniş F. S., Turhan S. N., Kara K. C., Yücel T. A.
IntelliSys 2022: Intelligent Systems and Applications, Amsterdam, Netherlands, 1 - 02 September 2022, vol.544, pp.520-532
- XIII. **Job Recommendation Based on Extracted Skill Embeddings**
Kara A., Daniş F. S., Orman G. K., Turhan S. N., Özlü Ö. A.
IntelliSys 2022: Intelligent Systems and Applications, Amsterdam, Netherlands, 1 - 02 September 2022, pp.497-507
- XIV. **Salary Prediction via Sectoral Features in Turkey**
Ozer Ş. D. İ., Ulke B., Daniş F. S., Orman G. K.
2022 International Conference on INnovations in Intelligent SysTems and Applications (INISTA), 8 - 12 August 2022, pp.1-6
- XV. **A Link Prediction Framework for Hotel Recommendations**
Sevim Y., ORMAN G. K., Kılıçlıoğlu O. M.
2022 World Congress on Engineering, WCE 2022, London, England, 6 - 08 July 2022, vol.2244, pp.64-69
- XVI. **Determining Column Numbers in Résumés with Clustering**
Keskin Ş. R., Balı Y., Orman G. K., Daniş F. S., Turhan S. N.
18th IFIP WG 12.5 International Conference on Artificial Intelligence Applications and Innovations, AIAI 2022, Hersonissos, Greece, 17 - 20 June 2022, vol.647 IFIP, pp.460-471
- XVII. **Investigation of Mechanical Properties of AISI 304 Quality Stainless Steel, Connected to Cold Deformation Rate, Phase Quantity and Heat Treatment Processes**
Ay o., ekici h., GÜRAYDIN B., güler e., DANIŞ F. S., ORMAN K.
International Steel Rolling Symposium (ISRS 2021), Hatay, Turkey, 23 September 2021
- XVIII. **Aggregating time windows for dynamic network extraction**
Colak S., ORMAN G. K.
2021 International Conference on INnovations in Intelligent SysTems and Applications, INISTA 2021, Kocaeli, Turkey, 25 - 27 August 2021
- XIX. **Similarity Based Compression Ratio for Dynamic Network Modelling**
Orman G. K., Colak S.
2021 IEEE 19th International Conference on Smart Technologies (EUROCON), Lviv, Ukraine, 6 - 08 July 2021
- XX. **Multiple Communities of Ego in Social Networks**
Orman K.
The 2021 International Conference of Data Mining and Knowledge Engineering, London, United Kingdom, 7 - 09 July 2021, pp.128-133
- XXI. **Detecting Genetic Disposition of Ethnicity to Autoimmune Diseases via Clustering**
Senturk D., ORMAN G. K.
2021 IEEE International Conference on Big Data, Big Data 2021, Virtual, Online, United States Of America, 15 - 18 December 2021, pp.4761-4769
- XXII. **A comparative study for accurate forecasting**
ergen m. s., ORMAN K.
DTSS2018, DIGITAL TRANSFORMATION SMART SYSTEMS, Ankara, Turkey, 24 - 26 October 2018
- XXIII. **Overlapping Communities via k-Connected Ego Centered Groups**
Orman G. K., Karadeli O., Calisir E.
IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (ASONAM), Paris,

France, 25 - 28 August 2015, pp.1598-1599

- XXIV. **Mobil İletişim Verisi Kullanarak Topluluk Bulma Konusuna Genel Bakış ve Yöntemler**
ARINIK N., DURMAZ İNCEL Ö., ORMAN K.
17. Akademik Bilişim 2015 (AB2015), Turkey, 06 February 2015
- XXV. **A Method for Characterizing Communities in Dynamic Attributed Complex Networks**
Orman G. K., Labatut V., Plantevit M., Boulicaut J.
IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (ASONAM), Beijing, China, 17 - 20 August 2014, pp.481-484
- XXVI. **Une méthode pour caractériser les communautés des réseaux dynamiques à attributs**
ORMAN K., LABATUT V., PLANTEVIT M., BOULICAUT J. F.
14èmes Journées Francophones Extraction et Gestion des Connaissances (EGC), 31 January 2014
- XXVII. **Relation entre transitivité et structure de communauté dans les réseaux complexes**
ORMAN K., LABATUT V., CHERIFI H.
2ème Journée thématique fouille de grands graphes (JFGG), 21 October 2011
- XXVIII. **Qualitative Comparison of Community Detection Algorithms**
Orman G. K., Labatut V., Cherifi H.
International Conference on Digital Information and Communication Technology and Its Applications, Dijon, France, 21 - 23 June 2011, vol.167, pp.265-267
- XXIX. **The Effect of Network Realism on Community Detection Algorithms**
Orman G. K., Labatut V.
International Conference on Advances in Social Network Analysis and Mining (ASONAM), Odense, Denmark, 9 - 11 August 2010, pp.301-305
- XXX. **A Comparison of Community Detection Algorithms on Artificial Networks**
Orman G. K., Labatut V.
12th International Conference on Discovery Science, Porto, Portugal, 3 - 05 October 2009, vol.5808, pp.242-256
- XXXI. **Relative Evaluation of Partition Algorithms for Complex Networks**
Orman G. K., Labatut V.
1st International Conference on Networked Digital Technologies (NDT 2009), Ostrava, Czech Republic, 28 - 31 July 2009, pp.20-25
- XXXII. **Açık Kaynak Kod Tabanlı Yüksek Kullanılabilirlikli Veritabanı Sistemi**
ERDEM A., ÇABUK M., ORMAN K.
3. Ulusal Yazılım Mühendisliği Sempozyumu ve Sergisi (UYMS), Turkey, 30 September 2007

Supported Projects

ORMAN G. K., ERDEM E. E., ÖZER Ş. D. İ., Project Supported by Higher Education Institutions, Öneri Sistemlerinin Performans Değerlendirmesi, 2023 - 2024

ORMAN G. K., ERDEM E. E., ÖZER Ş. D. İ., ULUER P., Project Supported by Higher Education Institutions, Niteliklendirilmiş çift yönlü ağlarda bağlantı tahmini ile öneri Sistemleri geliştirilmesi, 2021 - 2023

ORMAN G. K., Project Supported by Higher Education Institutions, SIRALI SİSTEMLERDE TAHMİN VE ÇIKARIM, 2018 - 2021

ORMAN G. K., Project Supported by Higher Education Institutions, SOSYAL AĞLARDA KÜME BULMA VE ANLAMLANDIRMA: ZAMANA BAĞLI SIRALI ÖRÜNTÜ UYGULAMASI, 2014 - 2017

Metrics

Publication: 47

Citation (WoS): 301

Citation (Scopus): 458

H-Index (WoS): 8

H-Index (Scopus): 10

Non Academic Experience

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TÜBİTAK

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