

Prof.Dr. HASAN GÜÇLÜ

Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, Rensselaer Polytechnic Institute, Fen Bilimleri Enstitüsü, Fizik, Amerika Birleşik Devletleri 2001 - 2005

Yüksek Lisans, Orta Doğu Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Fizik, Türkiye 1998 - 2001

Lisans, Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Fizik, Türkiye 1992 - 1998

Yabancı Diller

İngilizce, C1 İleri

Yaptığı Tezler

Doktora, Synchronization in Small-World-Connected Computer Networks, Rensselaer Polytechnic Institute, Fen Bilimleri Enstitüsü, Fizik, 2005

Yüksek Lisans, Formation and Evolution of Breathers in a Chain of Nonlinear Coupled Oscillators , Orta Doğu Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Fizik, 2001

Araştırma Alanları

Sağlık Bilimleri, Tıp, Temel Tıp Bilimleri, Biyoistatistik ve Tıp Bilişimi, Dahili Tıp Bilimleri, Halk Sağlığı, Epidemiyoloji

Akademik Unvanlar / Görevler

Prof.Dr., İstanbul Medeniyet Üniversitesi, Tıp Fakültesi, Temel Tıp Bilimleri, 2016 - Devam Ediyor

Prof.Dr., İstanbul Medeniyet Üniversitesi, Mühendislik Ve Doğa Bilimleri Fakültesi, İstatistik, 2016 - Devam Ediyor

Yrd.Doç.Dr., The University of Pittsburgh, Graduate School of Public Health, Health Policy and Management, 2010 - 2016

Yrd.Doç.Dr., Rochester Institute of Technology, School of Mathematical Sciences, Mathematics, 2008 - 2010

Araştırma Görevlisi Dr., Los Alamos National Laboratory, Theory Division, Complex Systems Group, 2005 - 2008

Araştırma Görevlisi, Rensselaer Polytechnic Institute, Fen Fakültesi, Fizik Bölümü, 2001 - 2005

Araştırma Görevlisi, Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Fizik Bölümü, 1998 - 2001

Akademik İdari Deneyim

İstanbul Medeniyet Üniversitesi, Mühendislik ve Doğa Bilimleri Fakültesi, İstatistik Bölümü, 2016 - Devam Ediyor

İstanbul Medeniyet Üniversitesi, Mühendislik ve Doğa Bilimleri Fakültesi, İstatistik Bölümü, 2016 - 2017

İstanbul Medeniyet Üniversitesi, Tıp Fakültesi, Temel Tıbbi Bilimler Bölümü, 2016 - 2017

Verdiği Dersler

Biyoistatistik, Lisans, 2018 - 2019

Biostatistics, Lisans, 2017 - 2018

Biyoistatistik, Lisans, 2018 - 2019

Biyoistatistik, Lisans, 2017 - 2018

Biyoistatistik, Lisans, 2015 - 2016

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Evaluation of the Association between Lumbar Spinal Stenosis and Lumbar Subcutaneous Fat Tissue Thickness by MRI: A Novel Perspective**
ATALAY B., Saritepe F., Topcam A., GÜÇLÜ H., GÜRBÜZ M. S.
JCPSP-JOURNAL OF THE COLLEGE OF PHYSICIANS AND SURGEONS PAKISTAN, cilt.32, sa.2, ss.147-151, 2022 (SCI İndekslerine Giren Dergi)
- II. **Evaluation of Non-Pharmaceutical Interventions for Reducing Contact Rate in COVID-19 Pandemic: R-0 Estimation and Modeling for Istanbul**
MARAL I., Yaylah E., GÜÇLÜ H., İKİŞİK H., Guner A. E.
MIKROBİYOLOJİ BULTENİ, cilt.55, sa.3, ss.389-405, 2021 (SCI İndekslerine Giren Dergi)
- III. **Age-specific social mixing of school-aged children in a US setting using proximity detecting sensors and contact surveys**
Grantz K. H. , Cummings D. A. T. , Zimmer S., Vukotich C., Galloway D., Schweizer M. L. , Guclu H., Cousins J., Lingle C., Yearwood G. M. H. , et al.
SCIENTIFIC REPORTS, cilt.11, sa.1, 2021 (SCI İndekslerine Giren Dergi)
- IV. **Anterior third ventricular height and infundibulochiasmatic angle: two novel measurements to predict clinical success of endoscopic third ventriculostomy in the early postoperative period.**
Gürbüz M. S. , Dağçınar A., Bayrı Y., Şeker A., Güçlü H.
Journal of neurosurgery, ss.1-9, 2019 (SCI İndekslerine Giren Dergi)
- V. **Ossicular chain erosion in chronic otitis media patients with cholesteatoma or granulation tissue or without those: analysis of 915 cases.**
AKARÇAY M., Kalcioğlu M. T. , TUYSUZ O., TIMURLenk E., Guclu H.
European archives of oto-rhino-laryngology : official journal of the European Federation of Oto-Rhino-Laryngological Societies (EUFOS) : affiliated with the German Society for Oto-Rhino-Laryngology - Head and Neck Surgery, cilt.276, ss.1301-1305, 2019 (SCI Expanded İndekslerine Giren Dergi)
- VI. **Influence of peer networks on physician adoption of new drugs**
Donohue J. M. , GÜÇLÜ H., Gellad W. F. , Chang C. H. , Huskamp H. A. , Choudhry N. K. , Zhang R., Lo-Ciganic W., Junker S. P. , Anderson T., et al.
PLOS ONE, cilt.13, sa.10, 2018 (SCI İndekslerine Giren Dergi)
- VII. **Patterns and predictors of physician adoption of new cardiovascular drugs**
Anderson T. S. , Lo-Ciganic W., Gellad W. F. , Zhang R., Huskamp H. A. , Choudhry N. K. , Chang C. H. , Richards-Shubik S., GÜÇLÜ H., Jones B., et al.
HEALTHCARE-THE JOURNAL OF DELIVERY SCIENCE AND INNOVATION, cilt.6, sa.1, ss.33-40, 2018 (SSCI İndekslerine Giren Dergi)
- VIII. **Who Were the Early Adopters of Dabigatran?: An Application of Group-based Trajectory Models.**
LO-CIGANIC W., GELLAD W., HUSKAMP H., CHOUDHRY N., CHANG C., ZHANG R., JONES B., Guclu H., RICHARDS-SHUBIK S., DONOHUE J.
Medical care, cilt.54, ss.725-32, 2016 (SCI Expanded İndekslerine Giren Dergi)
- IX. **Impact on Primary Care Access Post-Disaster: A Case Study From the Rockaway Peninsula**
Sood R. K. , Bocour A., Kumar S., Guclu H., Potter M., Shah T. B.
DISASTER MEDICINE AND PUBLIC HEALTH PREPAREDNESS, cilt.10, sa.3, ss.492-495, 2016 (SCI İndekslerine Giren Dergi)

Dergi)

- X. **An Agent-Based Model for Addressing the Impact of a Disaster on Access to Primary Care Services.**
Guclu H., Kumar S., Galloway D., Krauland M., Sood R., Bocour A., Hershey T., van N., Potter M.
Disaster medicine and public health preparedness, cilt.10, ss.386-93, 2016 (SCI Expanded İndekslerine Giren Dergi)
- XI. **WHO WERE THE EARLY ADOPTERS OF DABIGATRAN? AN APPLICATION OF GROUP-BASED TRAJECTORY MODELS**
Lo-Ciganic W., Gellad W. F. , Hiskamp H. A. , Choudhry N. K. , Zhang R., Chang C., Jones B. L. , Richards-Shubik S., Guclu H., Donohue J. M.
VALUE IN HEALTH, cilt.19, sa.3, 2016 (SCI İndekslerine Giren Dergi)
- XII. **Social Contact Networks and Mixing among Students in K-12 Schools in Pittsburgh, PA**
Guclu H., Read J., Vukotich C. J. , Galloway D. D. , Gao H., Rainey J. J. , Uzicanin A., Zimmer S. M. , Cummings D. A. T.
PLOS ONE, cilt.11, sa.3, 2016 (SCI İndekslerine Giren Dergi)
- XIII. **State-Level Legal Preparedness for Nuclear and Radiological Emergencies in the US: A Network Analysis of State Laws and Regulations**
Guclu H., Bjerke E. F. , Galvan J., Sweeney P., Potter M. A.
PUBLIC HEALTH REPORTS, cilt.129, ss.154-165, 2014 (SCI İndekslerine Giren Dergi)
- XIV. **Aflatoxin Regulations and Global Pistachio Trade: Insights from Social Network Analysis**
Bui-Klimke T. R. , Guclu H., Kensler T. W. , Yuan J., Wu F.
PLOS ONE, cilt.9, sa.3, 2014 (SCI İndekslerine Giren Dergi)
- XV. **Global Maize Trade and Food Security: Implications from a Social Network Model**
Wu F., Guclu H.
RISK ANALYSIS, cilt.33, sa.12, ss.2168-2178, 2013 (SCI İndekslerine Giren Dergi)
- XVI. **Social Network Analysis: A Novel Approach to Legal Research on Emergency Public Health Systems**
Sweeney P. M. , Bjerke E. F. , Guclu H., Keane C. R. , Galvan J., Gleason S. M. , Potter M. A.
JOURNAL OF PUBLIC HEALTH MANAGEMENT AND PRACTICE, cilt.19, sa.6, 2013 (SSCI İndekslerine Giren Dergi)
- XVII. **FRED (A Framework for Reconstructing Epidemic Dynamics): an open-source software system for modeling infectious diseases and control strategies using census-based populations**
Grefenstette J. J. , Brown S. T. , Rosenfeld R., DePasse J., Stone N. T. B. , Cooley P. C. , Wheaton W. D. , Fyshe A., Galloway D. D. , Sriram A., et al.
BMC PUBLIC HEALTH, cilt.13, 2013 (SCI İndekslerine Giren Dergi)
- XVIII. **Aflatoxin Regulations in a Network of Global Maize Trade**
Wu F., Guclu H.
PLOS ONE, cilt.7, sa.9, 2012 (SCI İndekslerine Giren Dergi)
- XIX. **Ad-hoc limited scale-free models for unstructured peer-to-peer networks**
Kumari D. R. , Guclu H., Yuksel M.
PEER-TO-PEER NETWORKING AND APPLICATIONS, cilt.4, sa.2, ss.92-105, 2011 (SCI İndekslerine Giren Dergi)
- XX. **Limited Scale-Free Overlay Topologies for Unstructured Peer-to-Peer Networks**
Guclu H., Yuksel M.
IEEE TRANSACTIONS ON PARALLEL AND DISTRIBUTED SYSTEMS, cilt.20, sa.5, ss.667-679, 2009 (SCI İndekslerine Giren Dergi)
- XXI. **Network behavior in thin film growth dynamics**
Karabacak T., Guclu H., Yuksel M.
PHYSICAL REVIEW B, cilt.79, sa.19, 2009 (SCI İndekslerine Giren Dergi)
- XXII. **Hierarchical regular small-world networks**
Boettcher S., Goncalves B., Guclu H.
JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL, cilt.41, sa.25, 2008 (SCI İndekslerine Giren Dergi)
- XXIII. **Extreme fluctuations in noisy task-completion landscapes on scale-free networks**
Guclu H., Korniss G., Toroczkai Z.
CHAOS, cilt.17, sa.2, 2007 (SCI İndekslerine Giren Dergi)
- XXIV. **Proximity networks and epidemics**

Toroczkai Z., Guclu H.

PHYSICA A-STATISTICAL MECHANICS AND ITS APPLICATIONS, cilt.378, sa.1, ss.68-75, 2007 (SCI İndekslerine Giren Dergi)

- XXV. **Synchronization landscapes in small-world-connected computer networks**
Guclu H., Korniss G., Novotny M. A. , Toroczkai Z., Racz Z.
PHYSICAL REVIEW E, cilt.73, sa.6, 2006 (SCI İndekslerine Giren Dergi)
- XXVI. **Extreme fluctuations in small-world-coupled autonomous systems with relaxational dynamics**
Guclu H., Korniss G.
FLUCTUATION AND NOISE LETTERS, cilt.5, sa.1, 2005 (SCI İndekslerine Giren Dergi)
- XXVII. **Extreme fluctuations in small-world networks with relaxational dynamics**
Guclu H., Korniss G.
PHYSICAL REVIEW E, cilt.69, sa.6, 2004 (SCI İndekslerine Giren Dergi)
- XXVIII. **Modelling disease outbreaks in realistic urban social networks**
Eubank S., Guclu H., Kumar V., Marathe M., Srinivasan A., Toroczkai Z., Wang N.
NATURE, cilt.429, sa.6988, ss.180-184, 2004 (SCI İndekslerine Giren Dergi)
- XXIX. **Suppressing roughness of virtual times in parallel discrete-event simulations**
Korniss G., Novotny M., Guclu H., Toroczkai Z., Rikvold P.
SCIENCE, cilt.299, sa.5607, ss.677-679, 2003 (SCI İndekslerine Giren Dergi)
- XXX. **Chaotic breather formation, coalescence, and evolution to energy equipartition in an oscillatory chain**
Mirnov V., Lichtenberg A., Guclu H.
PHYSICA D, cilt.157, sa.4, ss.251-282, 2001 (SCI İndekslerine Giren Dergi)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Can Hemogram Parameters Predict a Positive PCR Result in COVID-19?**
Sarmis A., Agirbasli M. A. , Kocoglu E., GÜÇLÜ H., ÖZEKİNCİ T., HABİP Z.
BANGLADESH JOURNAL OF MEDICAL SCIENCE, cilt.20, 2021 (ESCI İndekslerine Giren Dergi)
- II. **Pain Threshold, Pain Severity and Sensory Effects of Pain in Fibromyalgia Syndrome Patients: A new scale study**
ANKARALI H., Ataoglu S., ANKARALI S., GÜÇLÜ H.
BANGLADESH JOURNAL OF MEDICAL SCIENCE, cilt.17, sa.3, ss.342-350, 2018 (ESCI İndekslerine Giren Dergi)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Aggressive prostate cancer development might be under the regulation of both Tregs and miRNAs**
Akalm İ., Erol B., Aslan E., Özkanlı S. Ş. , Efiloğlu Ö., Yıldırım S., Çaşkurulu T., Güçlü H., Karaman M. İ.
EUROPEAN HUMAN GENETICS CONFERENCE 2018, Milan, İtalya, 16 - 19 Haziran 2018, cilt.27, sa.2619, ss.446
- II. **Ossicular chain erosions in chronic otitis media with or without cholesteatoma and granulation tissue, analysis of 915 patients**
Akarçay M., KALCIOĞLU M. T. , Tüysüz O., Timurlenk E., GÜÇLÜ H.
31st Politzer Society Meeting and 2nd Global Otolaryngology Research Forum, Gran Canary, İspanya, 21 Şubat 2018, cilt.31, sa.1, ss.141
- III. **Kolesteatom veya granülasyon dokusu olan ve bunlardan hiçbirisi olmayan basit kronik otitis medialı hastalarda kemikçik zincir erozyonu, 915 hastanın analizi.**
Akarçay M., KALCIOĞLU M. T. , Tüysüz O., Timurlenk E., GÜÇLÜ H.
9. Koklear İmplantasyon, otoloji, Nörotoloji, Odyoloji Kongresi, Antalya, Türkiye, 07 Aralık 2017, cilt.1, sa.1, ss.16
- IV. **PHYSICIAN ADOPTION OF NEW CARDIOVASCULAR DRUGS: DOES NOVELTY MATTER?**
Anderson T., Lo-Ciganic W., Gellad W. F. , Zhang R., Huskamp H. A. , Choudhry N. K. , Chang J., Richards-Shubik S.,

Guclu H., Jones B., et al.

Meeting of the Society-of-General-Internal-Medicine (SGIM), Florida, Amerika Birleşik Devletleri, 11 Mayıs 2015 - 14 Mayıs 2016, cilt.31

V. Ad-hoc Limited Scale-Free Models for Unstructured Peer-to-Peer Networks

Guclu H., Kumari D., Yuksel M.

8th International Conference on Peer-to-Peer Computing, Aachen, Almanya, 8 - 11 Eylül 2008, ss.160-162

VI. Extreme fluctuations in small-world-dcoupled autonomous systems with relaxational dynamics

Guclu H., Korniss G.

Conference on Noise in Complex Systems and Stochastic Dynamics II, Maspalomas, İspanya, 26 - 28 Mayıs 2004, cilt.5471, ss.159-170

VII. Going through rough times: From non-equilibrium surface growth to algorithmic scalability

Korniss G., Novotny M., Rikvold P., Guclu H., Toroczkai Z.

Symposium on Combinatorial and Artificial Intelligence Methods in Materials Science held at the 2001 MRS Fall Meeting, Massachusetts, Amerika Birleşik Devletleri, 26 - 29 Kasım 2001, cilt.700, ss.297-308

Atıflar

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h-indeksi (WOS):14